Systems Interoperability Framework™
SIF Implementation Specification (Australia) 3.4.8

March 18, 2021

This version:
> http://specification.sifassociation.org/Implementation/AU/3.4.8/index.html

Previous version:
> http://specification.sifassociation.org/Implementation/AU/3.4.7/

Latest version:
> http://specification.sifassociation.org/Implementation/AU/

Schemas
> SIF_Message (single file, non-annotated) (ZIP archive)
> SIF_Message (single file, annotated) (ZIP archive)
> SIF_Message (includes, non-annotated) (ZIP archive)
> SIF_Message (includes, annotated) (ZIP archive)
> DataModel (single file, non-annotated) (ZIP archive)
> DataModel (single file, annotated) (ZIP archive)
> DataModel (includes, non-annotated) (ZIP archive)
> DataModel (includes, annotated) (ZIP archive)

> *Note: SIF_Message* schemas define every data object element as optional per SIF's Publish/Subscribe and SIF Request/Response Models; *DataModel* schemas maintain the cardinality of all data object elements.

JSON-PESC XSLT
> JSON-PESC XSLT 3.4.X support (GitHub Repository)

Please refer to the errata for this document, which may include some normative corrections.

This document is also available in these non-normative formats: ZIP archive, PDF (for printing as a single file), Excel spreadsheet.

1 Preamble

1.1 Abstract

1.1.1 What is SIF?

SIF is not a product, but a technical blueprint for enabling diverse applications to interact and share data related to entities in the pK-12 instructional and administrative environment. SIF is designed to:

- Facilitate data sharing and reporting between applications without incurring expensive customer development costs;
- Enhance product functionality efficiently; and
- Provide best-of-breed solutions to customers easily and seamlessly.

The SIF Implementation Specification defines common data formats and rules of interaction and architecture, and is made up of two parts:

- 1. The *SIF Infrastructure* Implementation Specification which defines the rules of interaction and messages framework, and;
- 2. The *SIF Data Model* Implementation Specification which is an XML-based data model that models entities in the learning environment as SIF Data Objects to be shared between applications; This document only describes the SIF Data Model for Australia.

SIF 3 Infrastructure defines;

- a secure REST-based transport protocol for defining both direct and brokered connections between software applications (which can act as REST servers or clients)
- a set of services to enable interactions between REST servers and clients, including creating environments, other administrative task, synchronous exchanges of data, and asynchronous message queues
- an abstract, platform-independent definition of the API between one software application and another or a broker.

- A *SIF Environment* is a distributed system that consists of one or more software applications with a SIF Adapter (a SIF-enabled application) sharing/reporting one or more SIF data objects over a network; it may also involve middleware (a message broker). A *SIF Implementation* consists of one or more SIF Environments deployed and configured to meet customer data sharing and reporting needs.
- The SIF Implementation Specification defines architecture requirements and communication protocols for software components and the interfaces between them; it makes no assumption of specific hardware or software products needed to develop SIF-enabled applications and/or middleware implementations, other than their ability to support technologies leveraged as the foundation for SIF, most prominently XML and HTTP(S) and including JSON and REST.

1.1.1.1 What is SIF (AU)?

SIF Implementation Specification (Australia) defines a set of data objects supporting Australia's interoperability requirements for the education sector and combines this data model with established infrastructure protocols from the SIF Implementation Specification [SIF]. SIF Implementation Specification (Australia) 3.4 leverages the SIF architecture and refers to SIF Infrastructure Specifications greater than 3.0.1 [SIF 3.x] to support its data objects, with an Australia-specific namespace and the data objects defined in this specification. Technical readers should note that the version number internal to SIF XML messages identifies the version number of the SIF Data Model.

1.1.2 SIF Association

The Schools Interoperability Framework Association (SIF Association); known in Australia as; The Systems Interoperability Framework Association, is an industry initiative to enable interoperability and data sharing between software applications in the pK-12 instructional and administrative environment, and the forum for companies and educators to participate in the development of SIF specifications in the SIF Association's working groups and task forces. The SIF Association is designed to:

- Join industry leaders in creating the next-generation framework for education technology; and
- Leverage co-marketing opportunities with partners and distributors.

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This specification is released with the following provisos to developers and educators.

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Though a product may be demonstrated to comply with this specification, no product may be designated as *SIF Certified™* by an organization or individual until the product has been tested against and passed established compliance criteria, published separately [SIFCertification]. Organizations and individuals that are currently paying annual membership dues to the SIF Association and dedicating resources to the initiative may also use the designation *SIF Participant* to describe their involvement with the SIF Association and SIF in marketing, public relations and other materials.

1.4 Permissions and Copyright

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2 Introduction

2.1 Specification Organization

With respect to the SIF Specification, educators and non-technical readers are typically interested in the pK-12 data objects that can be shared and reported on by SIF-enabled applications in SIF implementations. This document, the *SIF Data Model Implementation Specification*, contains a Data Model section in a format that should not be a barrier to readers with some knowledge of [XML]. More technical readers, including software architects, developers and integrators, will also be interested in the separate *SIF Infrastructure Implementation Specification* document.

- The Preamble provides an abstract of SIF along with the SIF Association disclaimer and details regarding certification and compliance claims.
- This Introduction outlines the organization of this specification document, provides conventions used in this document, and summarizes versioning of the specification. Highlights of additions/changes since the previous version of the specification are also provided.
- The Data Model section provides definitions of the XML structure for common elements in the data model and all objects related to entities in the pK-12 environment. This section is organized by the working groups and task forces within the SIF Association that have defined common elements or objects.
- The document concludes with various appendices including lists of code set values defined within SIF and in external documents, and ends with a list of references to other documents.

2.2 Document Conventions

2.2.1 Definitions

The first time a term or concept is defined, it may be *emphasized*.

2.2.2 Structure and Values

`SIF message and object names, XML element tags, attribute names and values, and other codes or values are typically presented as in this sentence.`

2.2.3 Examples

JSON 📄	XML 📄

> `Longer examples of XML,JSON or HTTP messages are typically numbered and presented as given here.`

Example 2.2.3-1: Examples Convention

2.2.4 JSON

Java Script Object Notation (*JSON*) is an alternate way to represent an object in a tree like structure. *JSON* is desirable for a variety of reasons including: good wire efficiency, strong programming support, and satisfactory human readability. Since SIF's data models are formally defined using XML Schemas, *JSON* conversion is handled through one of two sets of rules.

`Default:` *Goessner Notation*, which uses schema-independent generic rules for ease of translation. [Goessner JSON]

`Preferred:` *PESC JSON* which uses schema-aware rules for consistent results. [PESC JSON]

2.2.5 References

References to other works occurring in this text are given in brackets, e.g. [REFERENCE]. The text in brackets corresponds to a key in the References appendix. Often when the text in the brackets duplicates surrounding text, the reference alone is used (e.g. [XML] instead of XML [XML]).

2.2.6 Terminology

The key words `MUST`, `MUST NOT`, `REQUIRED`, `SHALL`, `SHALL NOT`, `SHOULD`, `SHOULD NOT`, `RECOMMENDED`, `MAY`, `OPTIONAL`, when `EMPHASIZED`, are to be interpreted as described in [RFC 2119].

2.2.7 XML Diagrams

Quick overviews of XML structures, including messages, objects, common elements and types, are provided in XML diagrams. The following diagram illustrates the conventions typically encountered in SIF.
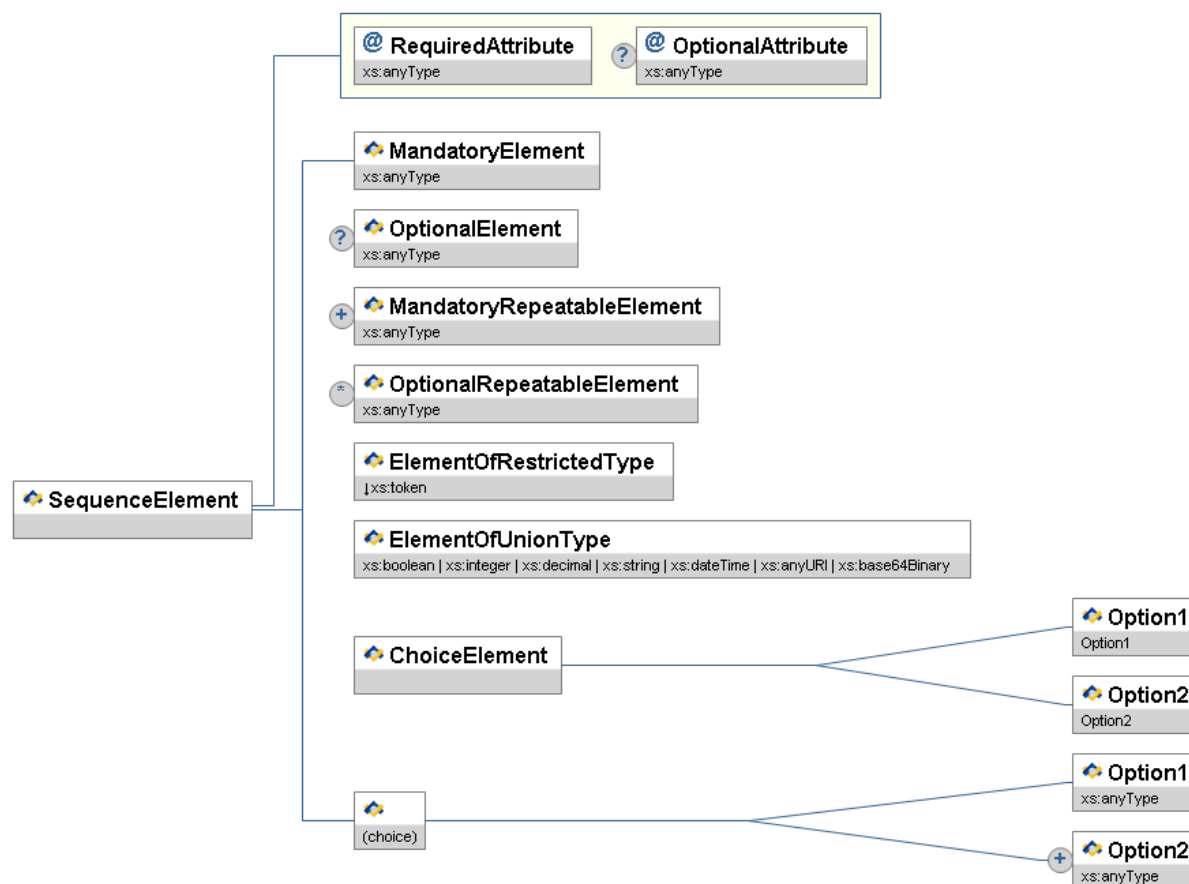
Figure 2.2.7-1: XML Diagram Conventions

XML elements are represented by rectangles with the name of the element in the upper portion and the type, if any, in the lower portion. Attributes are represented in the same fashion, but have an @ icon rather than a SIF icon. Elements and attributes that are optional have a circled ? (0 or 1 occurrence) to the left of the rectangle. Optional and mandatory repeatable elements are indicated by a circled * (0 or more occurrences) and + (1 or more occurrences), respectively. Element attributes are grouped together in a rectangular block and connected to the element with a line that turns at right angles. Ordered sequences of XML elements are bracketed by lines that turn at right angles. When a choice of XML elements is indicated, the elements are bracketed by angled lines. A choice of elements can occur within an element, or may be an unnamed choice of elements.

XML types are represented using the same conventions as for XML elements, though the type portion of the rectangle typically indicates a base type, if any.

The type name of any element, attribute or type may be prefixed with a ↓, indicating the type is restricted in some fashion by one or more XML Schema facets (e.g. enumeration). When the type is a union of types, a list of types is presented, each type separated by |; if the list of union types is long, the list may be marked with ellipses, e.g., | . . .

In an actual XML diagram, element, type and attribute rectangles are usually linked to their corresponding definitions/descriptions in accompanying tables.

2.3 Version Numbers

The SIF Implementation Specification uses the following version numbering scheme:

major version . *minor version* . *revision number* (X.Y.Z)

Once a versioned specification (Specification Release) has been released, the contents of that version MUST NOT be modified. Any modifications MUST be released under a new Specification Version Number unless the modification is the correction of an error or update of documentation. Each Specification Release has an associated errata section in which modifications and corrections of the release are listed.

A Specification Version Number for a Specification Release uses conventions as follows:

- A Specification Version Number MAY take the form X.Y.Z where X, Y, and Z are nonnegative integers (whole numbers), and MUST NOT contain leading zeroes. X represents the *Major version*, Y represents the *Minor version*, and Z represents the *Revision version*.

- Each version number element MUST increase sequentially based on the guidelines defined within this document; for instance, 1.9.1 to 1.10 to 1.11 to 1.11.1 .

- Precedence refers to how versions are compared to each other when ordered. Precedence MUST be calculated by separating the version into major, minor, revision identifiers in that order. Precedence is determined by the first difference when comparing each of these identifiers from left to right as follows: Major, Minor, and Revision versions are always compared numerically; for example, 1.0.0 < 2.0.0 < 2.1.0 < 2.1.1 .

An instance of a Specification Version Number is the canonical identifier for a Specification Release. The manner in which the Specification Version Number increments after a given Specification Release depends on the type and relative magnitude of changes being proposed in the new release as follows:

1. The Revision version number (Z in *x.y*.Z, where X >= 0) MUST be incremented when specification changes are limited to backward compatible changes. If Z=0 then the convention is to drop the Revision number: for example, 3.1 instead of 3.1.0. Backward compatible changes include the following:

- New data object.
- New optional data object element.
- New optional utility service object element.

2. The Minor version number (Y in *x.*Y*.z*, where x > 0) MUST be incremented if new functionality is added to the specification. It MUST be incremented if any aspect of the specification is marked as deprecated. It MUST be incremented if any aspect of the specification is not backward compatible. (Backward compatible means any change that can be implemented by one participant (consumer, Environment or service provider) without requiring changes by other participants to maintaining the same level of interoperability.) It MAY be incremented if substantial new functionality or improvements are introduced. It MAY include changes that are categorized as "Revision" level magnitude. The Revision version MUST be reset to 0 when the Minor version is incremented. Changes requiring a Minor version increment include the following:

- New mandatory data object element.
- New mandatory utility service object element.
- Deprecate data object element.
- Deprecate data object.
- Deprecate utility service object element.
- Deprecate utility service object.
- Remove deprecated data object element.
- Remove deprecated data object.
- Remove deprecated utility service object element.
- Remove deprecated utility service object.
- Add support for additional authentication methods.
- Add support for additional TLS version.
- Any changes concerning security.
- Any optional to mandatory change.
- Add support for additional payload representations.

3. The Major version number (x in x*.y.z*, where x > 0) MUST be incremented if a significant change is introduced to the specification. It MAY include changes categorized as Minor and Revision level changes. The Revision and Minor version numbers MUST be reset to 0 when the Major version is incremented. Changes requiring a Major version increment include the following:

- Deprecate payload representation.
- Remove deprecated payload representation.
- Add support for a distinct data model namespace.
- Replace (deprecate and remove) a locale data model.
- Any significant change that requires the Major version to be incremented as deemed by the A4L Association Board for global specifications and Management Boards for locale data models.

2.4 Highlighted Additions/Changes

This release contains the following significant updates and extensions to the SIF specification.

Additions/Changes since 3.4.7 August, 2020

New Objects

- No new objects were added for this release.

New Elements

- Deceased Flag added to indicate deceased status of a person at request of CEM.
- Travel Mode added to StudentSchoolEnrollment.

New Types

- New Types: a) HomeRoomType and; b)StaffRefIdType added to correct Venetian Blind typing.
- New Types added for Venetian Blind typing of SystemRole and ResourceUseage Objects.
- TravelDetailsContainerType and SchoolTravelType added to support CEM requirements around student travel arrangements.

New Enumerations

- New enumeration added to the Sex Code Set to represent Victorian legislation. Value added; 4 - Self-described

New CodeSets added to support CEM Travel mode additions

- Travel Mode - Introduced by CEM to indicate mode of travel of the student to/from school.
- Accompaniment - Introduced by CEM to indicate whether or not the student is accompanied to/from school.

Other Changes

- SystemRole and ResourceUsage Objects have been reformatted to Venetian Blind.

Corrections

Several Types used in the AG Collections were changed to xs:unsignedInt as they are required to be positive integers.

- Stats Collection (Attendance) - DaysInReferencePeriod, PossibleSchoolDays, AttendanceLess90Percent, AttendanceGTE90Percent, PossibleSchoolDaysGT90PercentAttendance

Census collection: Student Reporting: Headcount, CensusAge; Staff Reporting: Headcount; StudentSchoolEnrollment: CensusAge - was listed as a decimal, it is required to be a positive integer for AG reporting.

Code set corrections were as follows:

a) Correction of the description of NAP Jurisdiction enumerations. Western Australia listed twice. Code Set updated.

b) Correction of ill-formed value in LearningStandardItem Relationship Types enumeration set.

Deletions

The following deletions have been enacted on request from the AG:

AddressCollection: ReportingAuthorityCommonwealthId, EntityLevel, SchoolInfoRefId, LocalId, StateProvinceId, ACARAId

CensusCollection: ReportingAuthorityCommonwealthId, EntityLevel

FinancialQuestionnaireCollection: ReportingAuthorityCommonwealthId, EntityLevel, SchoolInfoRefId, LocalId, StateProvinceId, ACARAId

StudentAttendanceCollection: ReportingAuthorityCommonwealthId, EntityLevel, SchoolInfoRefId, LocalId, StateProvinceId, ACARAId

3 Data Model

3.1 Introduction

This section presents the XML structure for SIF Data Model common elements and objects in a tabular format for readers less versed in parsing formal XML schema definitions, along with conventions that typically apply in the data model for easy reference.

3.1.1 Format

The Char(acteristics) column for all of the tables in this section use the following codes:

Code	Characteristic
M	Mandatory element or attribute
O	Optional element or attribute
C	Conditional element or attribute
MR	Mandatory and repeatable element
OR	Optional and repeatable element
CR	Conditional and repeatable element

Mandatory elements `MUST` be present in Add events, and in non-empty and non-error responses to requests for entire SIF objects (e.g., no `SIF_Query/SIF_QueryObject/SIF_Element` elements supplied in the request). Mandatory attributes `MUST` always be present if their corresponding element is present.

SIF Adapters and message brokers MUST supply data according to the types specified in the Type columns and their corresponding equivalents in the most recent schema files associated with this specification. If there is a discrepancy between object and element definitions in this specification and the corresponding schema files, the definition in the schema files takes precedence; every effort will be made to note discrepancies in the errata for this document as they are identified.

3.1.2 Conceptual Modelling

The SIF AU Data Model is a "data in motion" model, which has been designed for data exchange between institutions. However, it is increasingly being used within enterprises, and it has been widely used as a nationally agreed data model for education. In order to help navigate the SIF data model better, and to make it easier to map between SIF and other data models of education, we have abstracted a conceptual data model from SIF AU, treating SIF AU as a logical data model. See section 4 for more detailed information and the model itself.

3.1.3 Conventions

3.1.3.1 Object Attributes/Primary Keys

While XML attributes are primarily used in SIF to provide additional processing information regarding the associated element content, attributes at the root level of an object have special significance. These attributes serve as the primary key or identifier for the object; in all cases this is no more than a `RefId` GUID of `RefIdType`

3.1.3.2 Object References

As stated elsewhere, SIF primarily uses GUIDs as object identifiers, primary keys, or `RefId`s. References to primary keys (foreign key references) follow certain conventions in SIF in most objects:

- An element or attribute of type `IdRefType` can be defined that consists of the referenced object name concatenated with `RefId`, e.g., `DataPersonalRefId` (a reference to the object identifier/primary key/`RefId` of a `DataPersonal` object);

- An element requiring a more descriptive name for the reference or one that refers to more than one object type is defined as `IdRefType`, has an element name of a group's choosing (or generically `SIF_RefId`) and enumerates all possible object types that can be referenced in the `SIF_RefObject` attribute; or

- A pair of attributes can be defined, one of type `IdRefType` containing the referenced object's `RefId`, the other enumerating all possible object types that can be referenced; generically these are named `SIF_RefId` and `SIF_RefObject`, respectively; naming conventions that programmatically allow identification of the pair beyond the generic names will be documented when the need arises.

3.1.3.3 Lists/Repeatable Elements

To those accustomed with normalized relational databases, the SIF Data Model will appear to not be especially normalized, especially with regard to repeating groups of data not being separated into their own "tables," or in SIF's case, "objects" with primary/foreign keys to maintain the relationship. Bear in mind that SIF is not a format for storing data; it is a format for transmitting data *asynchronously* between *disparate* and *distributed* systems needing to share data for interoperability; the format this data takes in different systems can vary greatly, and the data related to any given "entity" may come from a variety of sources and systems. The goals of normalization—eliminating redundancy, organizing data efficiently, reducing inconsistencies, etc.—take on a different meaning in a message queuing system. Of primary importance is transmitting the data needed for interoperability in a minimum number of messages. The need to "join" together a great number of separate objects is kept to a minimum in SIF, as individual systems do not have access to all the data required and due to the asynchronous nature of SIF, any one of these systems may take a fair amount of time before returning data necessary for joins (`SIF_ExtendedQuery` has been developed to communicate a join to a single system that may have direct access to the all the data necessary to efficiently accomplish this task). It's one thing to make a separate request for a student's picture or enrollment information, another entirely to request every available phone number, address and e-mail address separately from the SIF Environment. As such, it is often the case in SIF that repeating data is stored directly in an object, rather than being separated out into a separate object.

Repeating data is very analogous to objects, though, within any given object. In SIF's Publish/Subscribe model, repeating elements in objects can be added to, changed in or deleted from an object, much like objects can be added to, changed in or deleted from a SIF Environment. Within an existing object, all of these actions take place within a `Change` event, and repeating elements—if any exist initially—are first made available within an object in an `Add` event or can be obtained directly via requests. Repeatable elements are contained within a parent *List* element in most SIF objects whether or not they support events, e.g.:

JSON 📋   XML 📋

```
<EmailList>
  <Email Type="01">contact@sifinfo.org</Email>
  <Email Type="02">info@sifinfo.org</Email>
</EmailList>
```

- the list is a cohesive whole conceptually, where supporting or referring to a subset of the list is of little value;
- when the list consists only of keys, and no associated data;
- the list is informational/temporary state information and not typically persisted; or
- when no key exists to uniquely identify items in the list.

*List*s are always transmitted as a cohesive unit consisting of the parent list container element and all child elements. If no child elements exist in the list, the list consists of the container element alone. Omission of an optional *List* in an `Add` event also implies no list items. In a `Change` event, omission of the *List* indicates no changes have been made; otherwise the parent container element and all child elements, if any, are included. Systems storing *List* data should replace all corresponding data in their systems when persisting the list; likewise when a change is made to one or more list items or when all items in the list are deleted, systems should send the whole list in a `Change` event.

JSON 📄   **XML** 📄

```
<CountriesOfCitizenship>
  <CountryOfCitizenship>1101</CountryOfCitizenship>
  <CountryOfCitizenship>2304</CountryOfCitizenship>
</CountriesOfCitizenship>
```

Example 3.1.3.3.1-1: Indicating an updated list of country citizenships

A system that supports `CountriesOfCitizenship` updates its local data to reflect Australia and German citizenship.

3.1.4 Validation

3.1.4.1 Supported Optional Elements Without Values

Some agents follow the convention of supplying an optional element as empty (e.g. `<BirthDate></BirthDate>` or `<BirthDate/>` to indicate that the application supports the element, but that it currently has no value available within a given object. To allow for this convention within SIF—as in this example an empty string does not satisfy the `xs:date` type definition of `BirthDate`—all optional elements in SIF are defined as `nillable` [SCHEMA]. To satisfy type constraints on an element while still supplying an empty or "nil" value, agents MUST tag the element with a `true` value for the `nil` attribute from namespace `http://www.w3.org/2001/XMLSchema-instance` [SCHEMA] (e.g. `<BirthDate xsi:nil="true"/>` where the prefix `xsi` has been mapped to the namespace `http://www.w3.org/2001/XMLSchema-instance`), unless an empty value is valid with regard to the element's type definition, in which case supplying the `nil` attribute value of `true` is optional.

3.1.4.2 Externally-Defined XML

Note that XML not defined within SIF does not necessarily support ad hoc omission of XML elements at will to conform with the conventions of the SIF Publish/Subscribe Model (where unchanged elements are typically omitted in Change events, and where non-key elements are often omitted in Delete events) or of the SIF Request/Response Model (where a subset of elements can be retrieved from objects with requests). If externally-defined XML occurs within a SIF data object, SIF conventions do not extend to that XML unless that XML is defined to accommodate SIF conventions; the XML, when transmitted, must only conform to any external definitions dictating its structure, if any. Applications should be prepared for the possibility of receiving whole externally-defined XML structures in Change events (regardless of how little or much of the external XML has changed) and possibly also Delete events, likewise in responses even when a subset of the XML structure's child elements may have explicitly been requested.

3.1.4.3 Payload Validation

There are two sets of XSDs available for Validation of Payload.

3.1.4.3.1 Create

The first set, "DataModel" is 'strict' and all of the elements that are required for validation are 'Mandatory' in this suite of XSDs. This suite is traditionally used for Creation of new entities, which generally require validation before being saved into a Data Store.

3.1.4.3.2 Update

The second set, "SIF_Message" is 'lax' and every element within the schema is 'optional' except the 'RefId' the identifying GUID/UUID. (However, required elements are not nillable.) This suite of XSDs are traditionally used for Update and Delete of current entities. If an element is not included in the payload of an Update operation, its value is assumed to be unchanged. In addition, if the payload contains the RefId/UUID only, the consumer must assume that object to be DELETED or that it has been deleted since the original request was made.

3.1.4.3.2.1 JSON Validation

No Validation mechanism/schema is currently defined for SIF JSON, but that SIF JSON is intended to be a one-to-one mapping from SIF XML

3.1.4.3.3 Local Code Set Validation

In SIF AU 3.4.5 we introduce a method of augmenting code sets with local values without 'breaking changes'. Future releases will add "OtherCodeListType" to each code set and in-line enumerations will also be typed to allow for extensions. Every Object in SIF AU 3.4.5 has a LocalCodeType which will allow extensions to, but does not replace, current validation set. The following document outlines the need and the interim solution.

📄 CodeSetLocalSupportv3.4.5.pdf (12/07/2019)

3.2 Activity
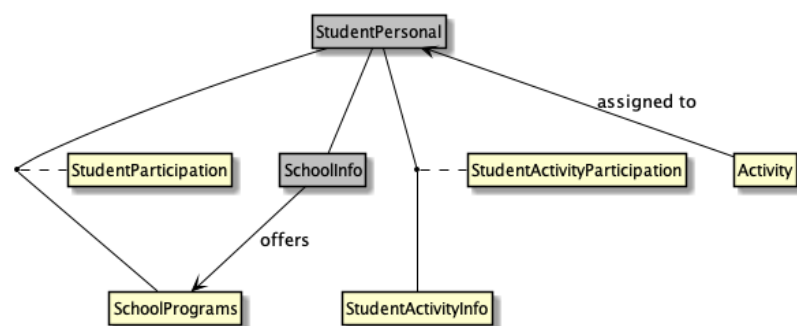
This represents activities that a student participates in, can be an educational activity or co-curricular.

3.2.1 Activity

The work assigned to students, an educational event planned by a teacher to deliver a particular educational concept or skill.

SIF_Events are reported for this object.
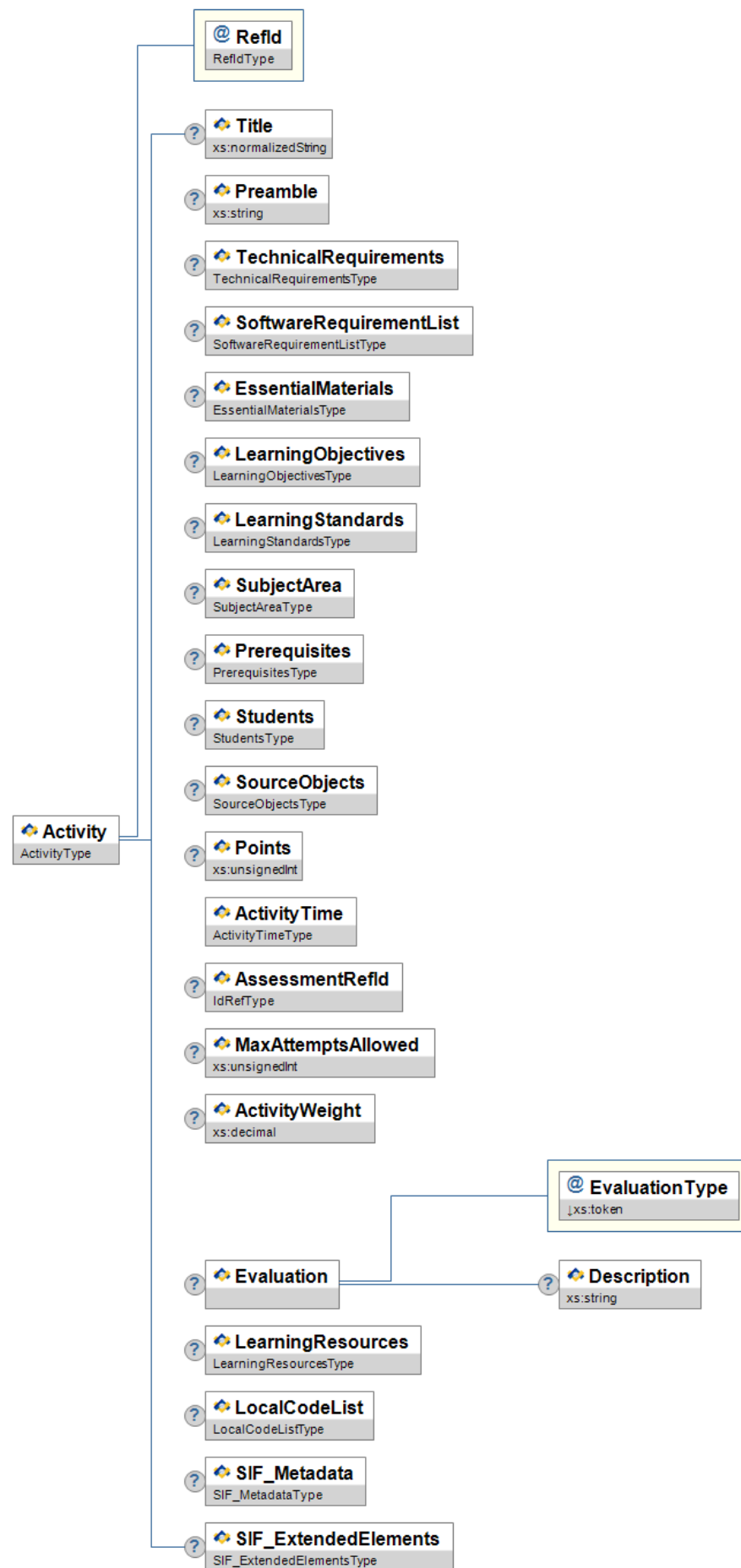
Figure 3.2.1-1: Activity

	Element/@Attribute	Char	Privacy Rating	Description	Type
	Activity		Low	The work assigned to students, an educational event planned by a teacher to deliver a particular educational concept or skill.	
@ 🔑	RefId	M	Low		`RefIdType`
	Title	O	Low	Descriptive name of the activity.	`xs:normalizedString`
	Preamble	O	Low	Description and context for the activity.	`xs:string`
	TechnicalRequirements	O	Low	List of Operating system, network, and other technical requirements for the activity, if applicable.	`TechnicalRequirementsType`
	SoftwareRequirementList	O	Low	Contains information about required software.	`SoftwareRequirementListType`
	EssentialMaterials	O	Low	Essential materials required to engage in this activity.	`EssentialMaterialsType`
	LearningObjectives	O	Low	Educational objectives of the activity.	`LearningObjectivesType`
	LearningStandards	O	Low	Associated `LearningStandardItem` objects.	`LearningStandardsType`
	SubjectArea	O	Low		`SubjectAreaType`
	Prerequisites	O	Low	Skills or competencies the student must have to engage in activity.	`PrerequisitesType`
	Students	O	Low	Links to any students or group or category of students that this activity is for.	`StudentsType`
	SourceObjects	O	Low	Source objects assigned to students.	`SourceObjectsType`
	Points	O	Low	Number of possible points for an activity.	`xs:unsignedInt`
	ActivityTime	M	Low	Time structures for the activity.	`ActivityTimeType`
	AssessmentRefId	O	Low	Link to the SIF Assessment object containing the evaluation information for this activity.	`IdRefType`
	MaxAttemptsAllowed	O	Low	How many tries allowed.	`xs:unsignedInt`
	ActivityWeight	O	Low	The percentage weight of the activity during the particular course or term.	`xs:decimal`
	Evaluation	O	Low	Field for non-numeric types of grading and evaluation such as "narrative."	
@	EvaluationType	M	Low	A qualifier for what type of evaluation this is. Valid values are "Inline" and "RefId". Inline values are contained in the optional Description element, RefIds are contained in the AssessmentRefId element.	**values:** `Inline` `RefId`
	Evaluation/Description	O	Low	A free text description of the evaluation to be used for this activity	`xs:string`

Element/@Attribute	Char	Privacy Rating	Description	Type
LearningResources	O	Low	Learning resources that support this activity.	LearningResourcesType
LocalCodeList	O	Low		LocalCodeListType
SIF_Metadata	O	Low		SIF_MetadataType
SIF_ExtendedElements	O	Low		SIF_ExtendedElementsType

Table 3.2.1-1: Activity

JSON 📋   **XML** 📋

```xml
<Activity RefId="C27E1FCF-C163-485F-BEF0-F36F18A0493A" xml:lang="en">
  <Title>Shakespeare Essay - Much Ado About Nothing</Title>
  <Preamble>This is a very funny comedy - students should have passing familiarity with Shakespeare</Preamble>
  <LearningStandards>
    <LearningStandardItemRefId>9DB15CEA-B2C5-4F66-94C3-7D0A0CAEDDA4</LearningStandardItemRefId>
  </LearningStandards>
  <SourceObjects>
    <SourceObject SIF_RefObject="Lesson">A71ADBD3-D93D-A64B-7166-E420D50EDABC</SourceObject>
  </SourceObjects>
  <Points>50</Points>
  <ActivityTime>
    <CreationDate>2002-06-15</CreationDate>
    <Duration Units="minute">30</Duration>
    <StartDate>2002-09-10</StartDate>
    <FinishDate>2002-09-12</FinishDate>
    <DueDate>2002-09-12</DueDate>
  </ActivityTime>
  <AssessmentRefId>03EDB29E-8116-B450-0435-FA87E42A0AD2</AssessmentRefId>
  <MaxAttemptsAllowed>3</MaxAttemptsAllowed>
  <ActivityWeight>5</ActivityWeight>
  <Evaluation EvaluationType="Inline">
    <Description>Students should be able to correctly identify all major characters.</Description>
  </Evaluation>
  <LearningResources>
    <LearningResourceRefId>B7337698-BF6D-B193-7F79-A07B87211B93</LearningResourceRefId>
  </LearningResources>
</Activity>
```

Example 3.2.1-1: Activity - Example 1

JSON 📋   **XML** 📋

```xml
<Activity RefId="C27E1FCF-C163-485F-BEF0-F36F18A0493A" xml:lang="en">
  <Title>Shakespeare Essay - Much Ado About Nothing</Title>
  <Preamble>This is a very funny comedy - students should have passing familiarity with Shakespeare</Preamble>
  <SoftwareRequirementList>
    <SoftwareRequirement>
      <SoftwareTitle>Flash Player</SoftwareTitle>
      <Version>9.0</Version>
      <Vendor>Adobe</Vendor>
    </SoftwareRequirement>
    <SoftwareRequirement>
      <SoftwareTitle>Python</SoftwareTitle>
      <Version>3.0</Version>
      <OS>Linux</OS>
    </SoftwareRequirement>
  </SoftwareRequirementList>
  <LearningStandards>
    <LearningStandardItemRefId>9DB15CEA-B2C5-4F66-94C3-7D0A0CAEDDA4</LearningStandardItemRefId>
  </LearningStandards>
  <SourceObjects>
    <SourceObject SIF_RefObject="Lesson">A71ADBD3-D93D-A64B-7166-E420D50EDABC</SourceObject>
  </SourceObjects>
  <Points>50</Points>
  <ActivityTime>
    <CreationDate>2002-06-15</CreationDate>
    <Duration Units="minute">30</Duration>
    <StartDate>2002-09-10</StartDate>
    <FinishDate>2002-09-12</FinishDate>
    <DueDate>2002-09-12</DueDate>
  </ActivityTime>
```

Example 3.2.1-2: Activity - Example 2

3.2.2 SchoolPrograms

This object contains information about Programs offered by a school.

SIF_Events are reported for this object.
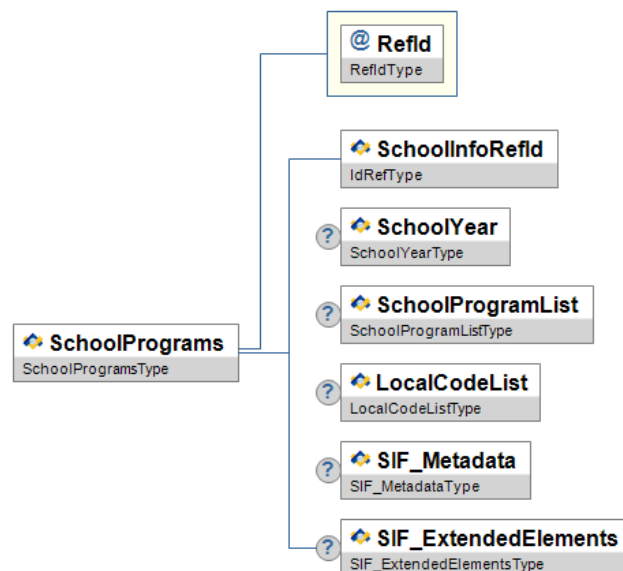
Figure 3.2.2-1: SchoolPrograms

Element/@Attribute	Char	Privacy Rating	Description	Type
SchoolPrograms		Low	This object contains information about Programs offered by a school.	
@ RefId	M	Low	GUID that uniquely identifies this instance of the object.	RefIdType
SchoolInfoRefId	M	Low	GUID that identifies the school offering this program.	IdRefType
SchoolYear	O	Low	School year for which the information is applicable, expressed as the four-digit year in which the school year ends (e.g., "2009").	SchoolYearType
SchoolProgramList	O	Low	List of School Programs	SchoolProgramListType
LocalCodeList	O	Low		LocalCodeListType
SIF_Metadata	O	Low		SIF_MetadataType
SIF_ExtendedElements	O	Low		SIF_ExtendedElementsType

Table 3.2.2-1: SchoolPrograms

JSON 📄   **XML** 📄

```
<SchoolPrograms RefId="D3E34B35-9D75-101A-8C3D-00AA001A1652">
  <SchoolInfoRefId>73648462-8886-24AA-5294-BC6380173276</SchoolInfoRefId>
  <SchoolYear>2009</SchoolYear>
  <SchoolProgramList>
    <Program>
      <Category>01</Category>
      <Type>Steiner program</Type>
    </Program>
    <Program>
      <Category>01</Category>
      <Type>Tournament of minds</Type>
    </Program>
  </SchoolProgramList>
</SchoolPrograms>
```

Example 3.2.2-1: SchoolPrograms

3.2.3 StudentActivityInfo

Co-curricular or extra-curricular activities (e.g., student organizations, inter-school sports, athletics, publications, band, orchestra, and service activities) in which students may participate.

SIF_Events are reported for this object.
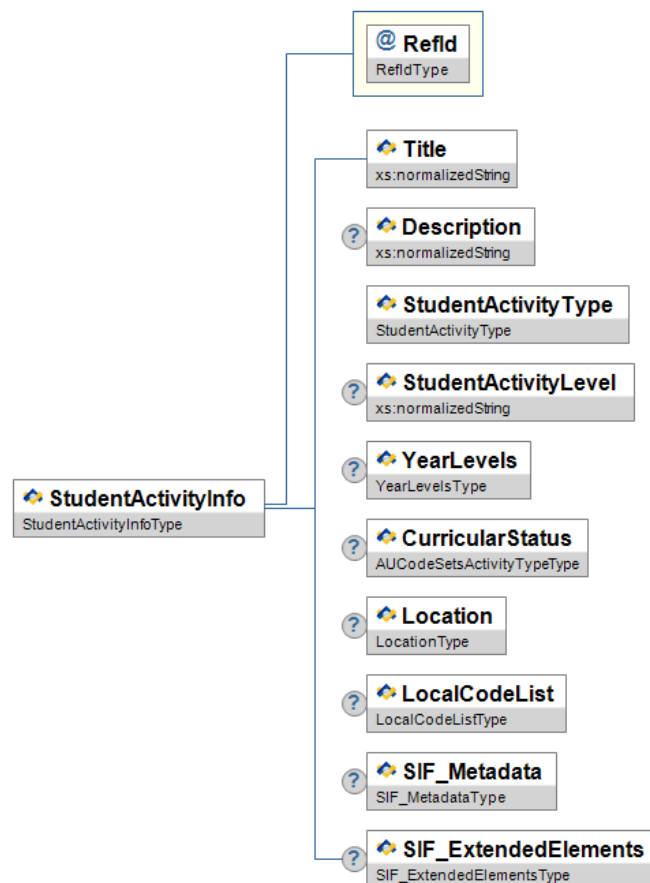
Figure 3.2.3-1: StudentActivityInfo

	Element/@Attribute	Char	Privacy Rating	Description	Type
	StudentActivityInfo		Low	Co-curricular or extra-curricular activities (e.g., student organizations, inter-school sports, athletics, publications, band, orchestra, and service activities) in which students may participate.	
@ 🔑	RefId	M	Low	The ID (GUID) that uniquely identifies the instance of the object.	RefIdType
	Title	M	Low	Name of the co-curricular or extra-curricular activity.	xs:normalizedString
	Description	O	Low	The description of the co-curricular or extra-curricular activity.	xs:normalizedString
	StudentActivityType	M	Low	Information regarding the co-curricular or extra-curricular activity.	StudentActivityType
	StudentActivityLevel	O	Low	A description of the separation of level in the activity (e.g. House, Inter-school, Club, State, National).	xs:normalizedString
	YearLevels	O	Low	Collection of year levels applicable to this co-curricular or extra-curricular activity.	YearLevelsType
	CurricularStatus	O	Low	An indication of the degree to which an activity is related to a student's curriculum.	AUCodeSetsActivityTypeType
	Location	O	Low	Location where the activity takes place.	LocationType
	LocalCodeList	O	Low		LocalCodeListType
	SIF_Metadata	O	Low		SIF_MetadataType
	SIF_ExtendedElements	O	Low		SIF_ExtendedElementsType

Table 3.2.3-1: StudentActivityInfo

```
<StudentActi          ="6472B261-0947-583A-463D-BB345291B001">
  <Title>Boo
  <Descriptio          ddle school students promoting reading</Description>
  <StudentActivityType>
    <Code>6011</Code>
    <OtherCodeList>
      <OtherCode Codeset="Local">MBook</OtherCode>
    </OtherCodeList>
  </StudentActivityType>
  <StudentActivityLevel>Middle School</StudentActivityLevel>
  <YearLevels>
    <YearLevel>
      <Code>5</Code>
    </YearLevel>
    <YearLevel>
      <Code>6</Code>
    </YearLevel>
    <YearLevel>
      <Code>7</Code>
    </YearLevel>
    <YearLevel>
      <Code>8</Code>
    </YearLevel>
  </YearLevels>
  <CurricularStatus>0750</CurricularStatus>
  <Location Type="Classroom">
    <LocationName>Beaconhills Middle School Library</LocationName>
    <LocationRefId SIF_RefObject="RoomInfo">94758261-0947-583A-CEB2-BB345291BAAA</LocationRefId>
  </Location>
```

Example 3.2.3-1: StudentActivityInfo

3.2.4 StudentActivityParticipation

This object provides information on a co-curricular or extra-curricular activity in which a student participates during a given school year.

SIF_Events are reported for this object.
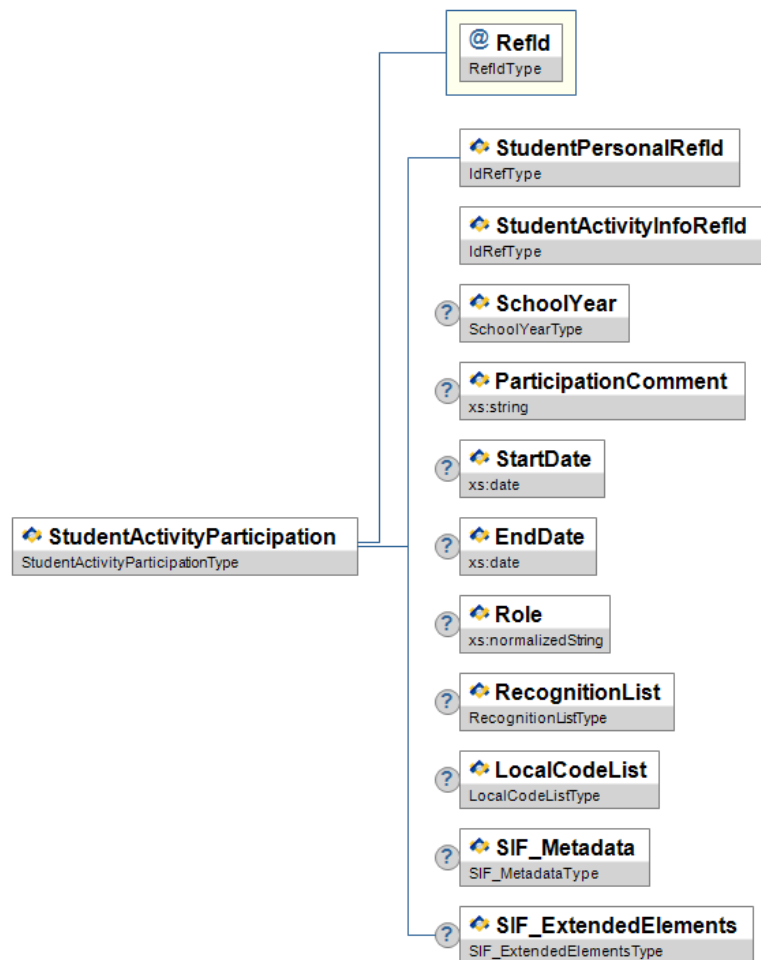
Figure 3.2.4-1: StudentActivityParticipation

	Element/@Attribute	Char	Privacy Rating	Description	Type
	StudentActivityParticipation		Low	This object provides information on a co-curricular or extra-curricular activity in which a student participates during a given school year.	
@ 🔑	RefId	M	Low	The ID (GUID) that uniquely identifies the instance of the object.	RefIdType
	StudentPersonalRefId	M	Low	GUID that identifies the student participating in the activity.	IdRefType
	StudentActivityInfoRefId	M	Low	GUID that identifies the activity in which the student participates.	IdRefType
	SchoolYear	O	Low	School year for which the information is applicable, expressed as the four-digit year in which the school year ends (e.g., "2009").	SchoolYearType
	ParticipationComment	O	Low	Comment related to the student's participation in the activity.	xs:string
	StartDate	O	Low	This is the date from which the activity participation is valid (inclusive).	xs:date
	EndDate	O	Low	This is the date through which the activity participation is valid (inclusive). If element is supported by the publisher/responder, should contain a date if the student withdraws from the activity before the end of the school year.	xs:date
	Role	O	Low	Specific role the student plays in the activity (e.g., band leader, student body president).	xs:normalizedString
	RecognitionList	O	Low	List of awards and other types of recognition given to the student for this activity.	RecognitionListType
	LocalCodeList	O	Low		LocalCodeListType
	SIF_Metadata	O	Low		SIF_MetadataType
	SIF_ExtendedElements	O	Low		SIF_ExtendedElementsType

Table 3.2.4-1: StudentActivityParticipation

JSON 📋   **XML** 📋

```xml
<StudentActivityParticipation RefId="9ECC9683-0E02-406F-926C-1C4D3542D122">
  <StudentPersonalRefId>646C5D4A-C829-4886-A02B-971695C7BC06</StudentPersonalRefId>
  <StudentActivityInfoRefId>6472B261-0947-583A-463D-BB345291B001</StudentActivityInfoRefId>
  <SchoolYear>2009</SchoolYear>
  <ParticipationComment>First year of participation</ParticipationComment>
  <StartDate>2008-09-01</StartDate>
  <Role>Team member</Role>
  <RecognitionList>
    <Recognition>0750</Recognition>
  </RecognitionList>
</StudentActivityParticipation>
```

Example 3.2.4-1: StudentActivityParticipation

3.2.5 StudentParticipation

This object contains information pertaining to student eligibility for and participation in an individualized special program such as special education, ESL, etc.

Multiple instances of this object may be transmitted for a particular student because the student may participate in multiple programs and because the details of a student's participation in a given program may change over time. A separate instance of this object must be generated for each program in which the student participates, and the `ProgramType` element is used to identify the particular program. In addition, each time the student's participation profile changes for a particular program, a new instance of this object must be generated with the appropriate value in the `ProgramType` element, the effective date of the new profile in `StudentParticipationAsOfDate`, and a new `RefId`.

SIF_Events are reported for this object.

@ RefId
RefIdType

StudentPersonalRefId
IdRefType

StudentParticipationAsOfDate
xs:date

ProgramType
AUCodeSetsStudentFamilyProgramTypeType

ProgramFundingSources
ProgramFundingSourcesType

ManagingSchool
IdRefType

@ SIF_RefObject
↓xs:token

ReferralDate
xs:date

ReferralSource
ReferralSourceType

ProgramStatus
ProgramStatusType

GiftedEligibilityCriteria
AUCodeSetsYesOrNoCategoryType

EvaluationParentalConsentDate
xs:date

EvaluationDate
xs:date

EvaluationExtensionDate
xs:date

ExtensionComments
xs:string

ReevaluationDate
xs:date

StudentParticipation
StudentParticipationType

ProgramEligibilityDate
xs:date

ProgramPlanDate
xs:date

ProgramPlanEffectiveDate
xs:date

NOREPDate
xs:date

PlacementParentalConsentDate
xs:date

ProgramPlacementDate
xs:date

ExtendedSchoolYear
xs:boolean

ExtendedDay
xs:boolean

ProgramAvailability
ProgramAvailabilityType

Figure 3.2.5-1: StudentParticipation

	Element/@Attribute	Char	Privacy Rating	Description	Type
	StudentParticipation		Extreme	This object contains information pertaining to student eligibility for and participation in an individualized special program such as special education, ESL, etc. Multiple instances of this object may be transmitted for a particular student because the student may participate in multiple programs and because the details of a student's participation in a given program may change over time. A separate instance of this object must be generated for each program in which the student participates, and the `ProgramType` element is used to identify the particular program. In addition, each time the student's participation profile changes for a particular program, a new instance of this object must be generated with the appropriate value in the `ProgramType` element, the effective date of the new profile in `StudentParticipationAsOfDate`, and a new `RefId`.	
@🔑	RefId	M	Extreme	This is the unique identification code	`RefIdType`
	StudentPersonalRefId	M	Extreme	The GUID of the student that this object is linked to.	`IdRefType`
	StudentParticipationAsOfDate	M	Extreme	Effective date (NOT the entry date) of this `StudentParticipation` instance for the identified student and program. Each time there is a change to the student's program participation profile, a new instance of this object is to be generated with the appropriate `StudentParticipationAsOfDate` and a new `RefId`.	`xs:date`
	ProgramType	O	Extreme	Identifies the individualised program for which the student's participation is described in this instance	`AUCodeSetsStudentFamilyProgramTypeType`
	ProgramFundingSources	O	Extreme	List of funding sources	`ProgramFundingSourcesType`
	ManagingSchool	M	Extreme	The GUID of the school responsible for coordinating the student's program participation.	`IdRefType`
@	SIF_RefObject	M	Extreme		**values:** `SchoolInfo`
	ReferralDate	O	Extreme	Date student was referred for evaluation/program participation.	`xs:date`
	ReferralSource	O	Extreme	The method by which a student was identified for referral to a particular program.	`ReferralSourceType`
	ProgramStatus	O	Extreme	The current status of the student's program participation.	`ProgramStatusType`
	GiftedEligibilityCriteria	O	Extreme	Eligible for Gifted / Talented program?	`AUCodeSetsYesOrNoCategoryType`
	EvaluationParentalConsentDate	O	Extreme	Date parent(s) consented to completion of evaluation of child for program participation.	`xs:date`
	EvaluationDate	O	Extreme	Date the evaluation/assessment process for student was completed.	`xs:date`
	EvaluationExtensionDate	O	Extreme	Actual date by which evaluation must be completed (for state use in determining timeliness in event that parent and LEA agreed to an extension beyond normal state deadline).	`xs:date`
	ExtensionComments	O	Extreme	Contains any comments on the extension. Optional even if an EvaluationExtensionDate is present.	`xs:string`
	ReevaluationDate	O	Extreme	Date students will be reevaluated for continued placement in a support program(s).	`xs:date`
	ProgramEligibilityDate	O	Extreme	Date student is eligible for beginning the support program(s).	`xs:date`

Element/@Attribute	Char	Privacy Rating	Description	Type
ProgramPlanDate	O	Extreme	Date the most recent program plan was completed and approved by the team responsible for developing it. The date the parent consented to placement is NOREPDate.	`xs:date`
ProgramPlanEffectiveDate	O	Extreme	Date by which the plan must be implemented for the student.	`xs:date`
NOREPDate	O	Extreme	Date the Notice of Recommended Educational Placement was signed and approved by the parent / guardian of the student.	`xs:date`
PlacementParentalConsentDate	O	Extreme	Date the parent(s) consented to the proposed placement.	`xs:date`
ProgramPlacementDate	O	Extreme	Date student began the support program.	`xs:date`
ExtendedSchoolYear	O	Extreme	For special education, indicates whether Extended School Year (ESY) / summer services have been determined as necessary	`xs:boolean`
ExtendedDay	O	Extreme	For special education, indicates whether Extended School Day (ESD) services have been determined as necessary.	`xs:boolean`
ProgramAvailability	O	Extreme	Describes the availability of the program.	`ProgramAvailabilityType`
EntryPerson	O	Extreme	Identification / name of the person who created the transaction that led to the creation of this instance of the object.	`xs:normalizedString`
StudentSpecialEducationFTE	O	Extreme	Calculated ratio of time the student is in a special ed setting. Values range from 0.00 to 1.00. If the student is in a special ed setting 25% of the time, the value is .25; if 100% of the time, the value is 1.00.	`xs:decimal` `xs:minInclusive` 0 `xs:maxInclusive` 1 `xs:fractionDigits` 2
ParticipationContact	O	Extreme	Primary contact for this record.	`xs:normalizedString`
LocalCodeList	O	Extreme		`LocalCodeListType`
SIF_Metadata	O	Extreme		`SIF_MetadataType`
SIF_ExtendedElements	O	Extreme		`SIF_ExtendedElementsType`

Table 3.2.5-1: StudentParticipation

JSON 📄   **XML** 📄

```xml
<StudentParticipation RefId="D3E34B35-9D75-101A-8C3D-00AA001A1652">
  <StudentPersonalRefId>A2E34F59-A742-C1A4-B3D1-1CC002B163A2</StudentPersonalRefId>
  <StudentParticipationAsOfDate>2006-07-13</StudentParticipationAsOfDate>
  <ProgramType>0240</ProgramType>
  <ProgramFundingSources>
    <ProgramFundingSource>
      <Code>1</Code>
    </ProgramFundingSource>
  </ProgramFundingSources>
  <ManagingSchool SIF_RefObject="SchoolInfo">D93F4D18-3A42-C1A4-B3D1-1CC002B163A2</ManagingSchool>
  <ParticipationContact>John Mason</ParticipationContact>
</StudentParticipation>
```

Example 3.2.5-1: StudentParticipation

3.3 Aggregated Statistics
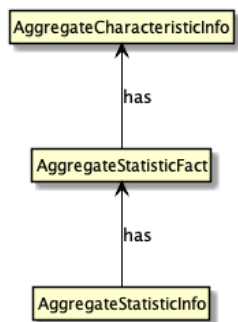
Objects to supports the exchange of information for statistical purposes.

3.3.1 AggregateCharacteristicInfo

This object defines the attribute of a group of objects that implicitly or explicitly defines a subset of the group for statistical purposes.

SIF_Events are reported for this object.
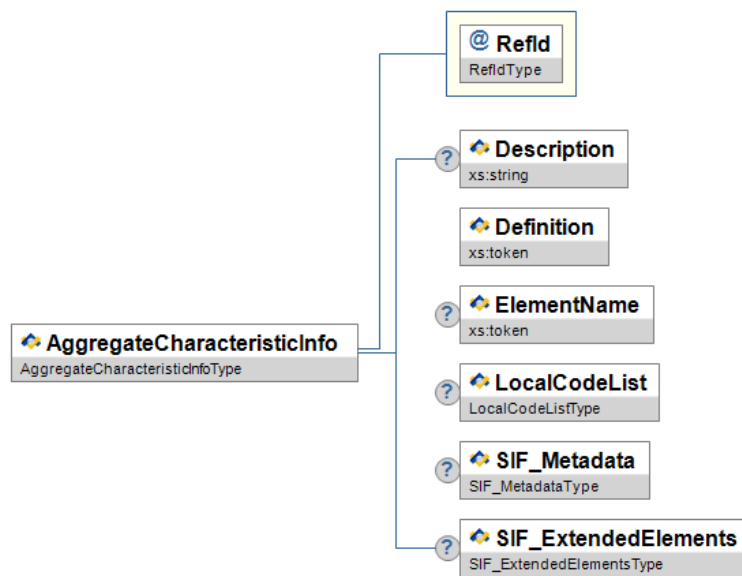
Figure 3.3.1-1: AggregateCharacteristicInfo

	Element/@Attribute	Char	Privacy Rating	Description	Type
	AggregateCharacteristicInfo		Low	This object defines the attribute of a group of objects that implicitly or explicitly defines a subset of the group for statistical purposes.	
@ 🔑	RefId	M	Low	Key for aggregate characteristic information.	`RefIdType`

	Description	O	Low	Describes the supercategory of the characteristic described in the `Definition` element below.
				
				Examples
				`Sex`
				`CulturalBackground`
				`YearLevel`
				`IndigenousStatus`
					`xs:string`

	Definition	M	Low	Defines the aggregate characteristic information.
				
				Examples
				`LBOTE`
				`Male`
					`xs:token`

	ElementName	O	Low	Reference to SIF elements or external authority (e.g., `StudentPersonal/PersonInfo/Demographics /Sex`). **Examples** `Dropout Status`	`xs:token`
	LocalCodeList	O	Low		`LocalCodeListType`
	SIF_Metadata	O	Low		`SIF_MetadataType`
	SIF_ExtendedElements	O	Low		`SIF_ExtendedElementsType`

Table 3.3.1-1: AggregateCharacteristicInfo

JSON 📋   **XML** 📋

```xml
<AggregateCharacteristicInfo RefId="06AF1D69-FB06-4AB3-8898-3505714F18FB">
  <Description>Sex</Description>
  <ElementName>StudentPersonal/PersonInfo/Demographics/Sex</ElementName>
</AggregateCharacteristicInfo>
```

Example 3.3.1-1: AggregateCharacteristicInfo

3.3.2 AggregateStatisticFact

This object is the actual value of a statistical measurement. It is always associated with one statistic and one or more characteristics.

SIF_Events are reported for this object.
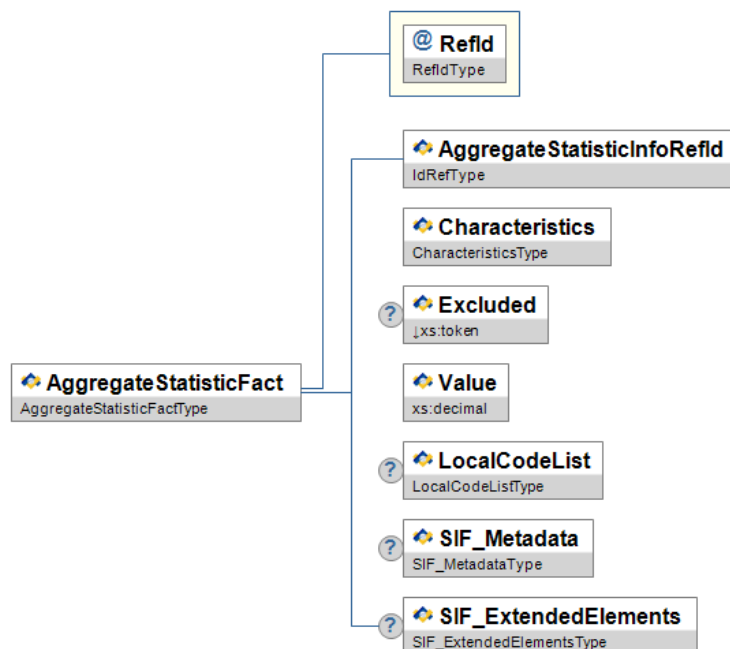
Figure 3.3.2-1: AggregateStatisticFact

	Element/@Attribute	Char	Privacy Rating	Description	Type
	AggregateStatisticFact		Low	This object is the actual value of a statistical measurement. It is always associated with one statistic and one or more characteristics.	
@ 🔑	RefId	M	Low		`RefIdType`
	AggregateStatisticInfoRefId	M	Low	Reference to statistic defined by `AggregateStatisticInfo`.	`IdRefType`
	Characteristics	M	Low	Reference to one or more `AggregateCharacteristicInfo` objects.	`CharacteristicsType`
	Excluded	O	Low	Can the fact be excluded?	**values:** `Yes` `No`
	Value	M	Low	Value of the fact.	`xs:decimal`
	LocalCodeList	O	Low		`LocalCodeListType`
	SIF_Metadata	O	Low		`SIF_MetadataType`
	SIF_ExtendedElements	O	Low		`SIF_ExtendedElementsType`

Table 3.3.2-1: AggregateStatisticFact

JSON 📋   **XML** 📋

```xml
<AggregateStatisticFact RefId="3A4E2822-C696-433B-812B-49DEAE557E41">
  <AggregateStatisticInfoRefId>91A4209F-7F4F-4F4B-9DC8-D21CEFD1DC2F</AggregateStatisticInfoRefId>
  <Characteristics>
    <AggregateCharacteristicInfoRefId>0B972D86-44EE-4D79-94F5-FF1C3131772D</AggregateCharacteristicInfoRefId>
  </Characteristics>
  <Excluded>No</Excluded>
  <Value>27</Value>
</AggregateStatisticFact>
```

Example 3.3.2-1: AggregateStatisticFact

3.3.3 AggregateStatisticInfo

This object defines the data that is being aggregated as well as the type of measurement that is being performed.

SIF_Events are reported for this object.
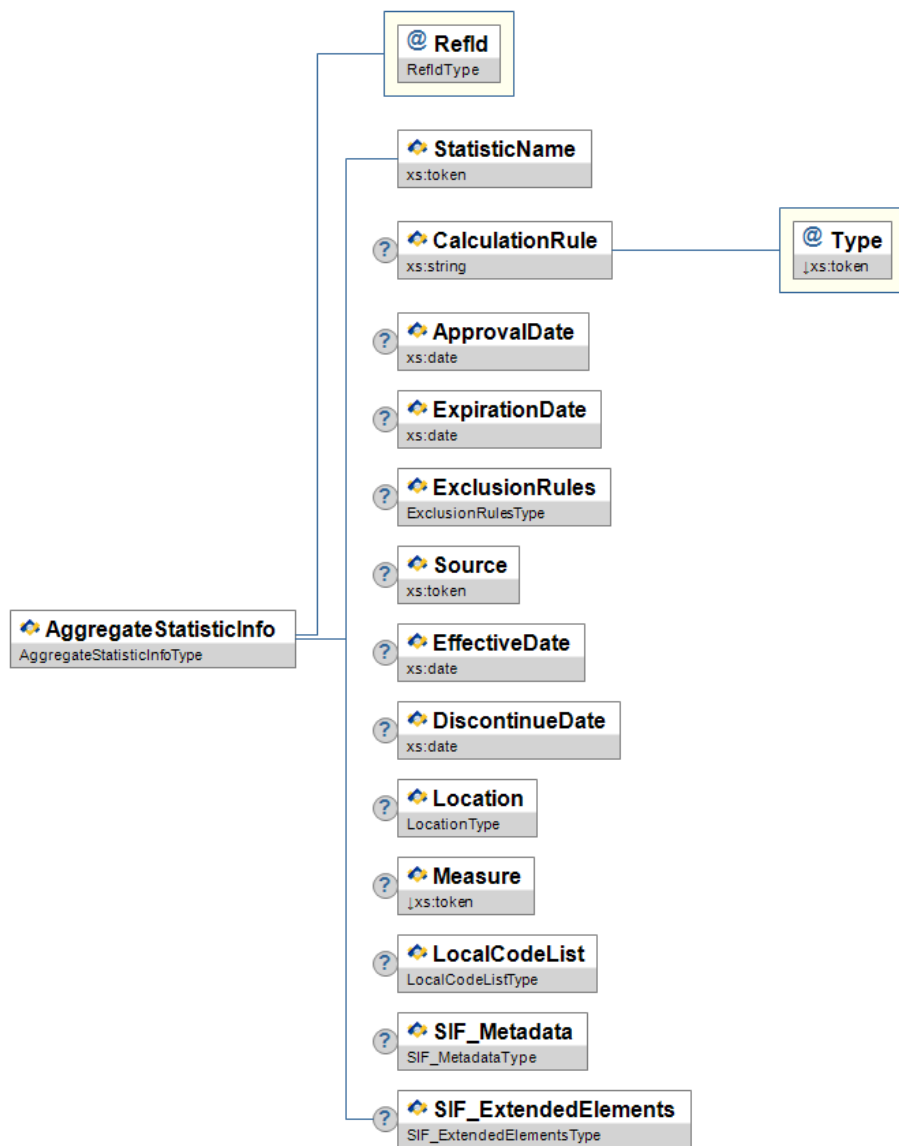
Figure 3.3.3-1: AggregateStatisticInfo

	Element/@Attribute	Char	Privacy Rating	Description	Type
	AggregateStatisticInfo		Low	This object defines the data that is being aggregated as well as the type of measurement that is being performed.	
@ 🔑	RefId	M	Low	Key	`RefIdType`

	StatisticName	M	Low	Name of Aggregate Statistic
				
				Examples
				`Total Enrollment`
				`Diploma Recipients`
					`xs:token`

	CalculationRule	O	Low	Rule for calculating the aggregate statistic	`xs:string`

@	Type	M	Low		**values:**
					
					`Description`
					`Formula`
					`URL`
					`Other`

	ApprovalDate	O	Low	Date for which the statistic is initially valid	`xs:date`
	ExpirationDate	O	Low	Date after which the statistic is no longer valid	`xs:date`
	ExclusionRules	O	Low	Rules for which statistic may not be reported.	`ExclusionRulesType`
	Source	O	Low	System providing the data: i.e., SIS, Transportation,	`xs:token`
	EffectiveDate	O	Low	Effective date of the statistic	`xs:date`
	DiscontinueDate	O	Low	Discontinue date of the statistic	`xs:date`
	Location	O	Low	Location where the activity takes place.	`LocationType`

	Measure	O	Low	Type of the statistic.	**values:**
					
					`Count`
					`Minimum`
					`Maximum`
					`Percent`
					`Mean`
					`Median`
					`Mode`
					`Sum`
					`StandardDeviation`
					`UnduplicatedCount`
					`FTE`
					`Other`

	LocalCodeList	O	Low		`LocalCodeListType`
	SIF_Metadata	O	Low		`SIF_MetadataType`
	SIF_ExtendedElements	O	Low		`SIF_ExtendedElementsType`

Table 3.3.3-1: AggregateStatisticInfo

JSON 📄   **XML** 📄

```
<AggregateStatisticInfo RefId="A5DECBD3-161B-4F5D-9F46-EBA64C87B002">
  <StatisticName>Read Proficiency L1</StatisticName>
  <CalculationRule Type="Description">Number of students scoring at Reading Proficiency Level 1</CalculationRule>
  <ApprovalDate>2002-09-01</ApprovalDate>
  <ExpirationDate>2006-06-30</ExpirationDate>
  <ExclusionRules>
    <ExclusionRule Type="SampleSize">N less than 10</ExclusionRule>
  </ExclusionRules>
  <Source>SIS</Source>
  <Location Type="School">
    <LocationName>Green River High School</LocationName>
    <LocationRefId SIF_RefObject="SchoolInfo">279BCEE5-515E-4C1A-AC3A-765D1F069BC3</LocationRefId>
  </Location>
  <Measure>Count</Measure>
</AggregateStatisticInfo>
```
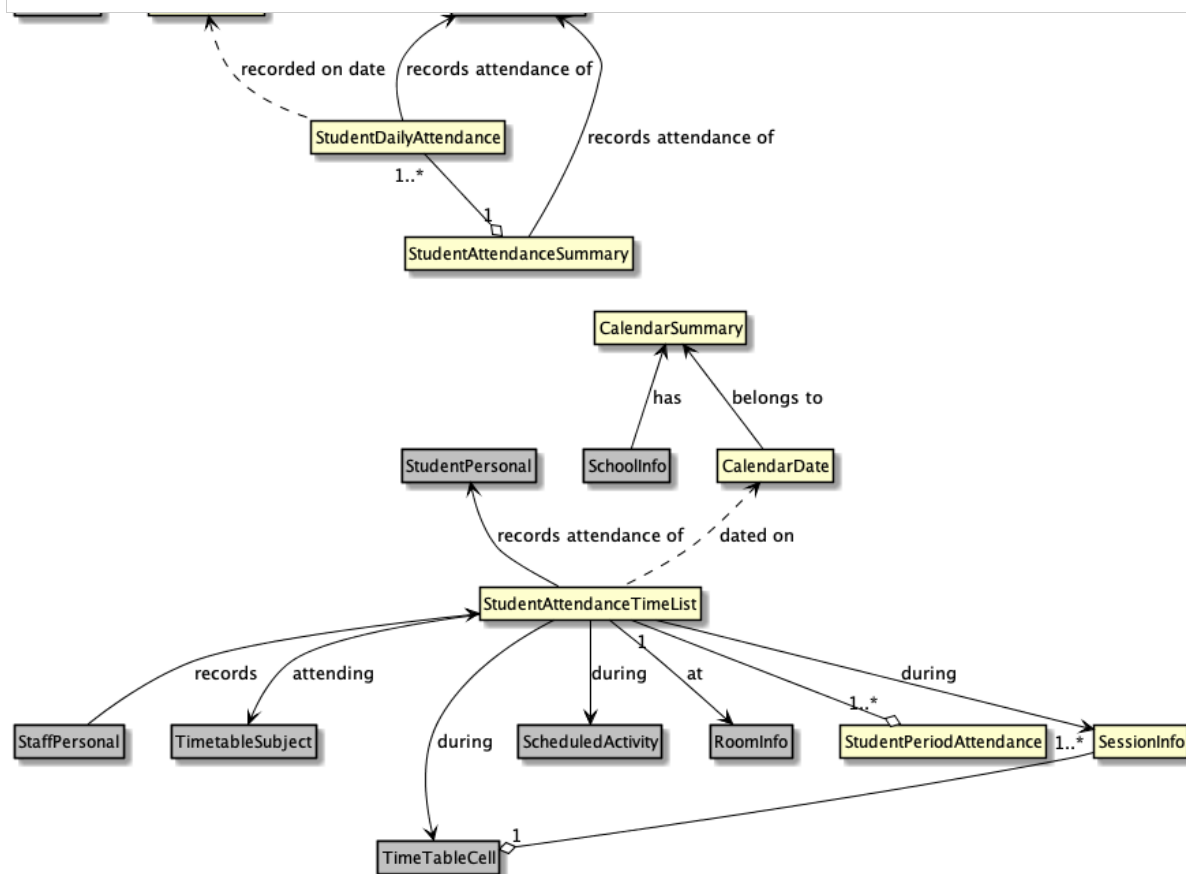

This represents objects that allow schools to securely provide SIS information to the Attendance product of their choice, and also to allow school attendance records to be published to a jurisdictional data hub, recording attendance at varying degrees of granularity.

3.4.1 CalendarDate

This object defines information related to a school calendar day in a given school calendar year. If both CalendarDate and CalendarSummary objects are supported, there must be an instance of this object for each date between CalendarSummary StartDate and EndDate, inclusive.

SIF_Events are reported for this object.
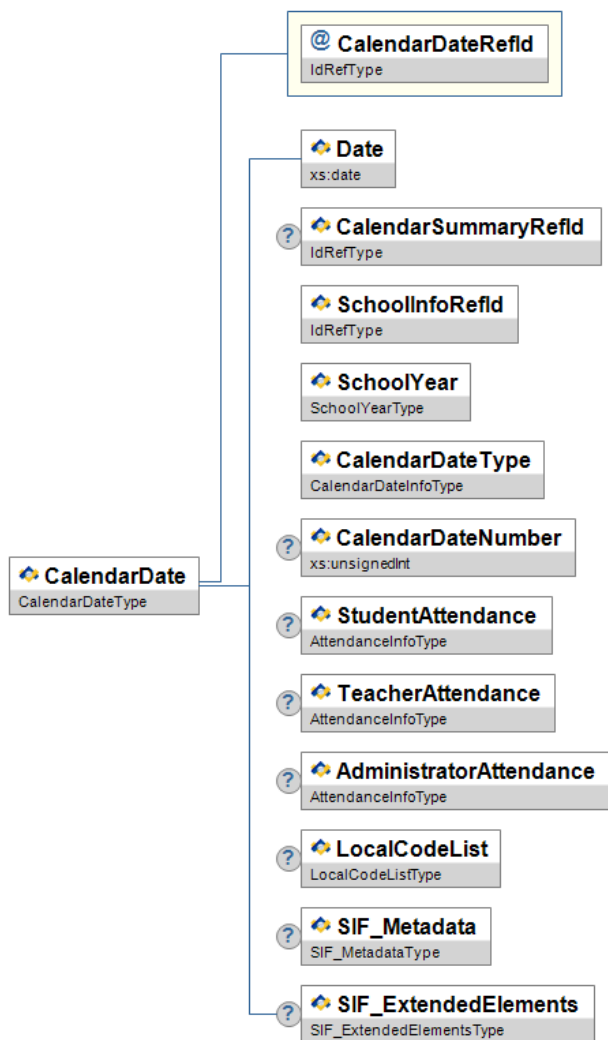
Figure 3.4.1-1: CalendarDate

	Element/@Attribute	Char	Privacy Rating	Description	Type
	CalendarDate		Low	This object defines information related to a school calendar day in a given school calendar year. If both CalendarDate and CalendarSummary objects are supported, there must be an instance of this object for each date between CalendarSummary StartDate and EndDate, inclusive.	
@ 🔑	CalendarDateRefId	M	Low	An ID (GUID) for this day date of the calendar information that is being reported. This GUID would be used to form a REST URL.	IdRefType
	Date	M	Low	A specific school day that occurs within the school year.	xs:date
	CalendarSummaryRefId	O	Low	The ID (GUID) of the calendar summary in which this calendar date is.	IdRefType
	SchoolInfoRefId	M	Low	The ID (GUID) of the school for which this calendar information is being reported.	IdRefType
	SchoolYear	M	Low	School year for which the information is applicable, expressed as the four-digit year in which the school year ends (e.g., "2009").	SchoolYearType
	CalendarDateType	M	Low	Calendar date type information.	CalendarDateInfoType
	CalendarDateNumber	O	Low	Order in which the calendar date falls within the school calendar.	xs:unsignedInt
	StudentAttendance	O	Low	Information describing how the day relates to student attendance.	AttendanceInfoType
	TeacherAttendance	O	Low	Information describing how the day relates to teacher attendance.	AttendanceInfoType
	AdministratorAttendance	O	Low	Information describing how the day relates to administrator attendance.	AttendanceInfoType
	LocalCodeList	O	Low		LocalCodeListType
	SIF_Metadata	O	Low		SIF_MetadataType
	SIF_ExtendedElements	O	Low		SIF_ExtendedElementsType

Table 3.4.1-1: CalendarDate

JSON 📋   **XML** 📋

```xml
<CalendarDate CalendarDateRefId="B5739375-800A-C4CC-6385-0BB2754114AA">
  <Date>2007-08-31</Date>
  <CalendarSummaryRefId>A8A34E56-1C97-345C-0A4E-11BB113C2753</CalendarSummaryRefId>
  <SchoolInfoRefId>B7A34E56-1C97-345C-0A4E-11BB112B2753</SchoolInfoRefId>
  <SchoolYear>2007</SchoolYear>
  <CalendarDateType>
    <Code>INST</Code>
  </CalendarDateType>
  <StudentAttendance>
    <CountsTowardAttendance>Yes</CountsTowardAttendance>
    <AttendanceValue>1.0</AttendanceValue>
  </StudentAttendance>
  <TeacherAttendance>
    <CountsTowardAttendance>Yes</CountsTowardAttendance>
    <AttendanceValue>1.0</AttendanceValue>
  </TeacherAttendance>
</CalendarDate>
```

Example 3.4.1-1: CalendarDate

3.4.2 CalendarSummary

This object provides a summary of a school's calendar information for a given school year. A school may have more than one calendar per school year (e.g., one calendar for Kindergarten students, one for special education students, one for seniors, or one for each calendar track), and each may have different days in session, start and end dates, minutes per day, instructional minutes, etc.

SIF_Events are reported for this object.
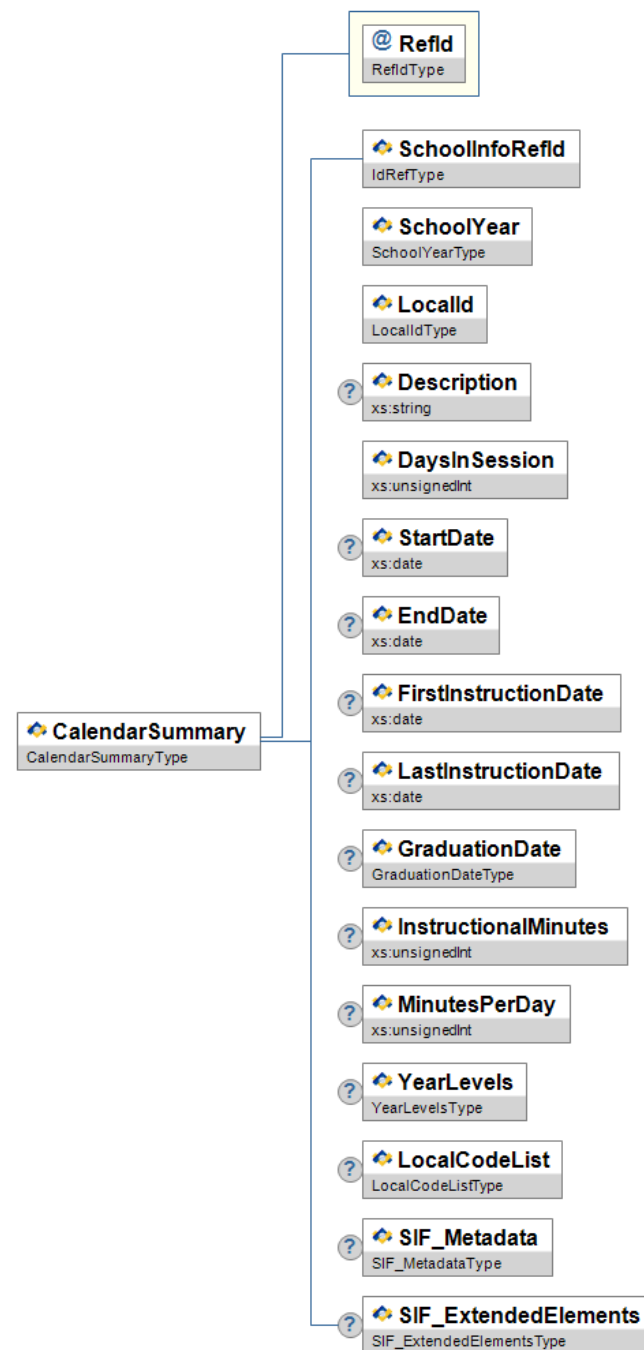
Figure 3.4.2-1: CalendarSummary

	Element/@Attribute	Char	Privacy Rating	Description	Type
	CalendarSummary		Low	This object provides a summary of a school's calendar information for a given school year. A school may have more than one calendar per school year (e.g., one calendar for Kindergarten students, one for special education students, one for seniors, or one for each calendar track), and each may have different days in session, start and end dates, minutes per day, instructional minutes, etc.	
@ 🔑	RefId	M	Low	The ID (GUID) of the calendar to which this information relates.	RefIdType
	SchoolInfoRefId	M	Low	The ID (GUID) of the school for which this calendar information is being reported.	IdRefType
	SchoolYear	M	Low	School year for which the information is applicable, expressed as the four-digit year in which the school year ends (e.g., "2007").	SchoolYearType
	LocalId	M	Low	The locally assigned identifier for this calendar.	LocalIdType
	Description	O	Low	Textual description of the school calendar.	xs:string
	DaysInSession	M	Low	The total number of days that the school was or is anticipated to be in session during the school year. Also included are days on which the education institution facility is closed and the student body as a whole is engaged in planned activities off-campus under the guidance and direction of staff members.	xs:unsignedInt
	StartDate	O	Low	The first calendar date, whether or not instruction was provided. If both CalendarSummary and CalendarDate objects are supported, StartDate must be the date of the first chronological instance of CalendarDate for the school's calendar.	xs:date
	EndDate	O	Low	The last calendar date, whether or not instruction was provided. If both CalendarSummary and CalendarDate objects are supported, EndDate must be the last chronological instance of CalendarDate for the school's calendar.	xs:date
	FirstInstructionDate	O	Low	The first day of student instruction.	xs:date
	LastInstructionDate	O	Low	The last day of student instruction (including days or times that students are present for purposes of testing and/or evaluation, but not including whole or part-days whose sole purposes is for distribution of report cards).	xs:date
	GraduationDate	O	Low	Date of graduation ceremony.	GraduationDateType
	InstructionalMinutes	O	Low	The total number of instructional minutes for this calendar for the school year.	xs:unsignedInt
	MinutesPerDay	O	Low	The number of minutes in the day in which the school is normally in session.	xs:unsignedInt
	YearLevels	O	Low	Collection of year levels applicable to this school calendar.	YearLevelsType
	LocalCodeList	O	Low		LocalCodeListType
	SIF_Metadata	O	Low		SIF_MetadataType
	SIF_ExtendedElements	O	Low		SIF_ExtendedElementsType

Table 3.4.2-1: CalendarSummary

JSON 📋   **XML** 📋

```
<CalendarSummary RefId="B5739375-800A-C4CC-6385-0BB2754114AA">
  <SchoolInfoRefId>B7A34E56-1C97-345C-0A4E-11BB112B2753</SchoolInfoRefId>
  <SchoolYear>2005</SchoolYear>
  <LocalId>123321A</LocalId>
  <Description>Elementary School Calendar</Description>
  <DaysInSession>180</DaysInSession>
  <StartDate>2009-01-01</StartDate>
  <EndDate>2009-12-31</EndDate>
  <FirstInstructionDate>2009-01-02</FirstInstructionDate>
  <LastInstructionDate>2009-12-20</LastInstructionDate>
  <GraduationDate>2009-12-10</GraduationDate>
  <InstructionalMinutes>64800</InstructionalMinutes>
  <MinutesPerDay>360</MinutesPerDay>
  <YearLevels>
    <YearLevel>
      <Code>10</Code>
    </YearLevel>
    <YearLevel>
      <Code>11</Code>
    </YearLevel>
    <YearLevel>
      <Code>12</Code>
    </YearLevel>
  </YearLevels>
</CalendarSummary>
```

This object provides the link between Period Attendance and the school's timetable. It allows subject and teaching group information to be communicated to/from the attendance system.

This object provides information about the session; the specific instance of a timetable cell against which the attendance is recorded. Please note, the TimeTableCell object represents a session scheduled in a timetable. There may be many SessionInfo objects for the same TimeTableCell each for a different week/fortnight, depending on the length of the timetable schedule. Attendance is recorded against the SessionInfo object.

SIF_Events are reported for this object.
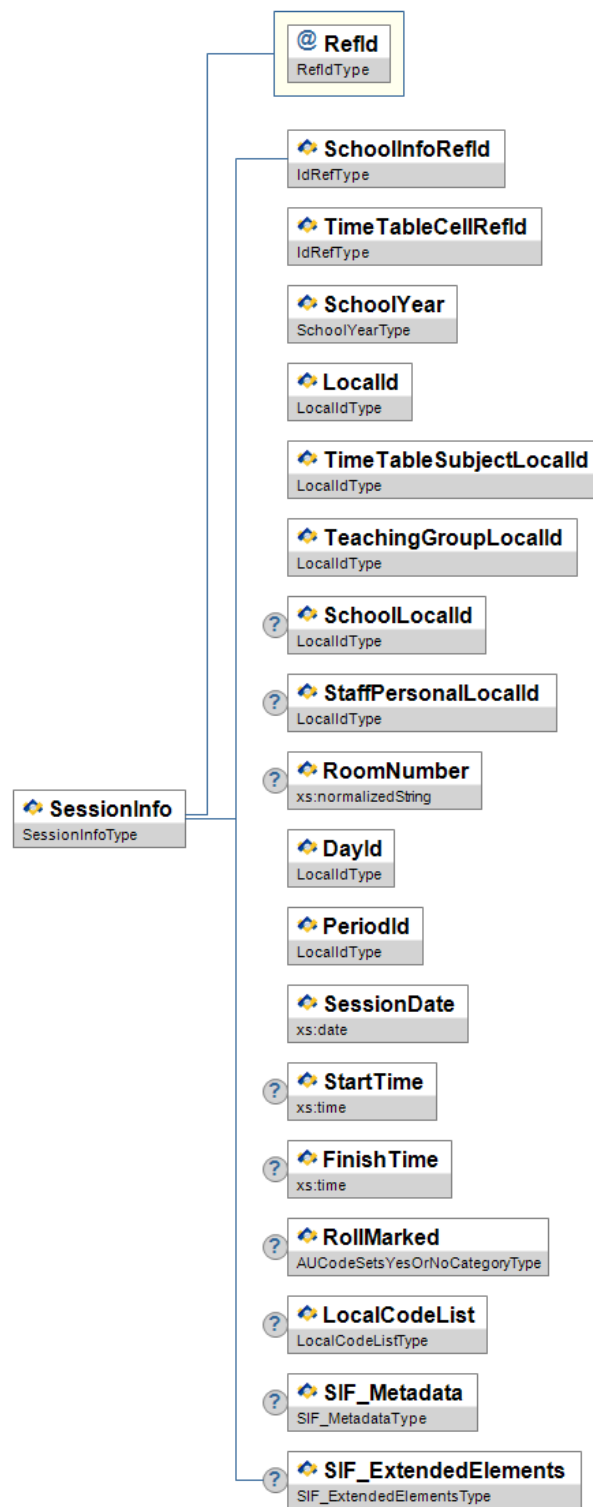
Figure 3.4.3-1: SessionInfo

	Element/@Attribute	Char	Privacy Rating	Description	Type
	SessionInfo		Low	This object provides the link between Period Attendance and the school's timetable. It allows subject and teaching group information to be communicated to/from the attendance system. This object provides information about the session; the specific instance of a timetable cell against which the attendance is recorded. Please note, the TimeTableCell object represents a session scheduled in a timetable. There may be many SessionInfo objects for the same TimeTableCell each for a different week/fortnight, depending on the length of the timetable schedule. Attendance is recorded against the SessionInfo object.	
@ 🔑	RefId	M	Low	The GUID of the Object	RefIdType
	SchoolInfoRefId	M	Low	The ID (GUID) of the school for which this attendance information is being reported.	IdRefType
	TimeTableCellRefId	M	Low	The (GUID) of the piece of Curriculum (TT Grid) scheduled	IdRefType
	SchoolYear	M	Low	School year for which the information is applicable, expressed as the four-digit year in which the school year ends (e.g., "2007").	SchoolYearType
	LocalId	M	Low	Session Local Identifier	LocalIdType
	TimeTableSubjectLocalId	M	Low	TimeTableSubject Local Identifier	LocalIdType
	TeachingGroupLocalId	M	Low	Teaching Group Local Identifier	LocalIdType
	SchoolLocalId	O	Low	School Local Identifier	LocalIdType
	StaffPersonalLocalId	O	Low	Staff Local Identifier	LocalIdType
	RoomNumber	C	Low	Room number as presented to the user or application. Needs to be provided if changed from TimeTableCell.	xs:normalizedString
	DayId	M	Low	Day Id.	LocalIdType
	PeriodId	M	Low	Period Id within the Day Id	LocalIdType
	SessionDate	M	Low	Date of Session	xs:date
	StartTime	O	Low	Optional Start Time	xs:time
	FinishTime	O	Low	Optional End Time	xs:time
	RollMarked	O	Low	Was the Roll Marked for this Period?	AUCodeSetsYesOrNoCategoryType
	LocalCodeList	O	Low		LocalCodeListType
	SIF_Metadata	O	Low		SIF_MetadataType
	SIF_ExtendedElements	O	Low		SIF_ExtendedElementsType

Table 3.4.3-1: SessionInfo

JSON 📄   **XML** 📄

```
<SessionInfo RefId="98157AA0-13BA-8C3D-00AA-012B359D7512">
    <SchoolInfoRefId>11737EA4-301C-ADCA-75C8-7214A7C46BDB</SchoolInfoRefId>
    <TimeTableCellRefId>A75A0010-1A8C-301D-02E3-A05B359D0A00</TimeTableCellRefId>
    <SchoolYear>2008</SchoolYear>
    <LocalId>2</LocalId>
    <TimeTableSubjectLocalId>10MA1</TimeTableSubjectLocalId>
    <SchoolLocalId>01991</SchoolLocalId>
    <StaffPersonalLocalId>SMI009</StaffPersonalLocalId>
    <RoomNumber>R08</RoomNumber>
    <DayId>1</DayId>
    <PeriodId>5</PeriodId>
    <SessionDate>2016-10-10</SessionDate>
    <StartTime>12:05:00</StartTime>
    <FinishTime>13:30:00</FinishTime>
    <RollMarked>Y</RollMarked>
</SessionInfo>
```

Example 3.4.3-1: SessionInfo Example

3.4.4 StudentAttendanceSummary

This object provides a summary of a student's daily attendance and membership information for a given school during the time period between the StartDate and EndDate, inclusive. As such, there may be multiple instances of this object for a student in a school over the course of a school year.

SIF_Events are reported for this object.
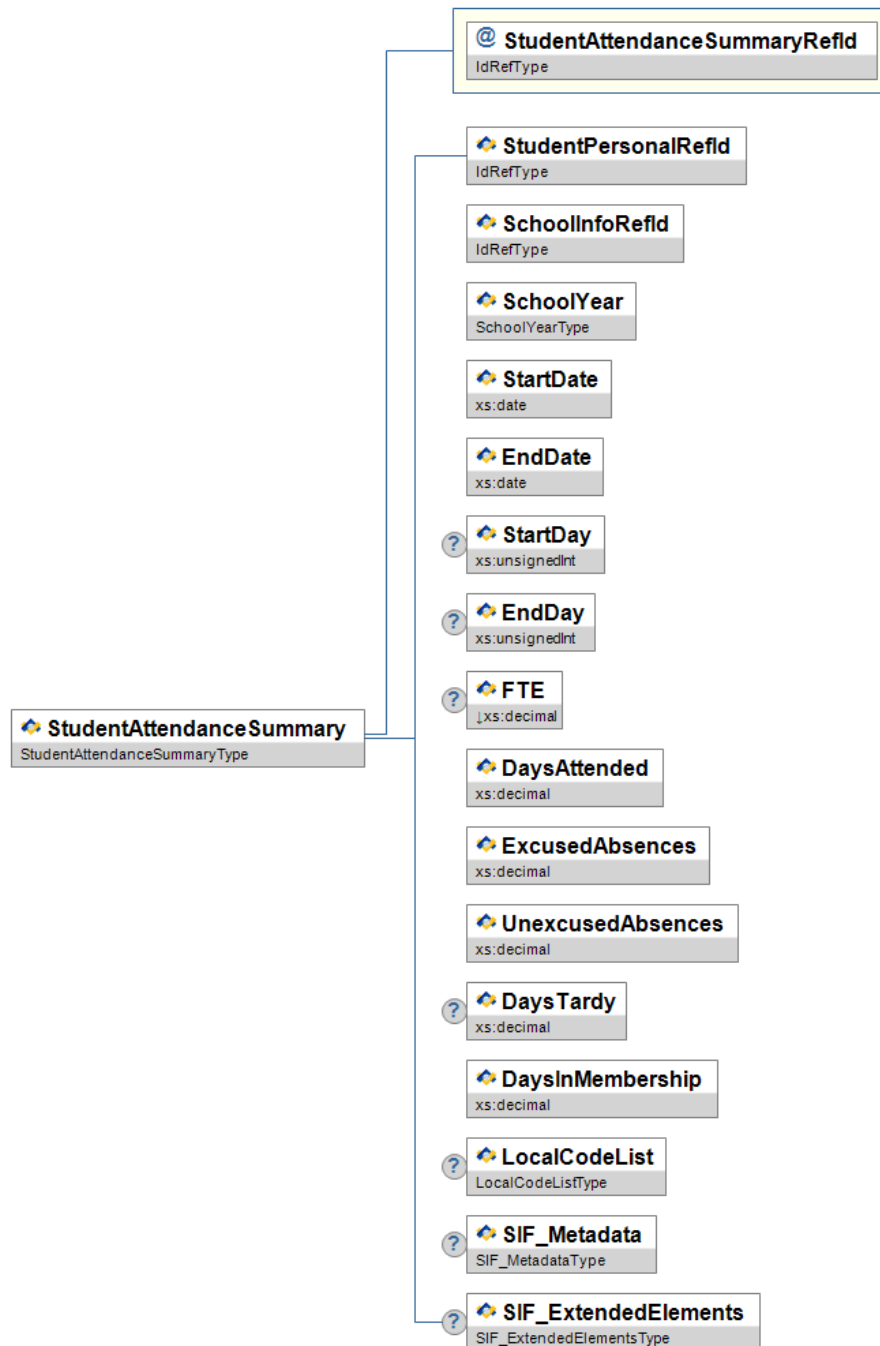
Figure 3.4.4-1: StudentAttendanceSummary

	Element/@Attribute	Char	Privacy Rating	Description	Type
	StudentAttendanceSummary		Low	This object provides a summary of a student's daily attendance and membership information for a given school during the time period between the StartDate and EndDate, inclusive. As such, there may be multiple instances of this object for a student in a school over the course of a school year.	
@ 🔑	StudentAttendanceSummaryRefId	M	Low	An ID (GUID) for this summary of attendance information being reported on. This GUID would be used to form a REST URL.	`IdRefType`
	StudentPersonalRefId	M	Low	The ID (GUID) of the student for whom this attendance information is being reported.	`IdRefType`
	SchoolInfoRefId	M	Low	The ID (GUID) of the school for which this attendance information is being reported.	`IdRefType`
	SchoolYear	M	Low	School year for which the information is applicable.	`SchoolYearType`
	StartDate	M	Low	Starting date of this attendance reporting period.	`xs:date`
	EndDate	M	Low	Ending date of this attendance reporting period.	`xs:date`
	StartDay	O	Low	Number of the school day represented in StartDate.	`xs:unsignedInt`
	EndDay	O	Low	Number of the school day represented in EndDate.	`xs:unsignedInt`
	FTE	O	Low	Full time equivalent numeric value of the student's course load during this attendance period, expressed in decimal form, where 1.00 represents a full time enrollment.	`xs:decimal` `xs:minInclusive` 0 `xs:maxInclusive` 1 `xs:fractionDigits` 2
	DaysAttended	M	Low	The number of days the student attended school when school was in session between the StartDate and EndDate, inclusive.	`xs:decimal`
	ExcusedAbsences	M	Low	The number of days the student was absent from school with a valid excuse when school was in session between the StartDate and EndDate, inclusive.	`xs:decimal`
	UnexcusedAbsences	M	Low	The number of days the student was absent from school without a valid excuse when school was in session between the StartDate and EndDate, inclusive.	`xs:decimal`
	DaysTardy	O	Low	The number of days the student was tardy when school was in session between the StartDate and EndDate, inclusive.	`xs:decimal`
	DaysInMembership	M	Low	The number of days the student was present plus the number of days the student was absent when school was in session during the period between the StartDate and EndDate, inclusive.	`xs:decimal`
	LocalCodeList	O	Low		`LocalCodeListType`
	SIF_Metadata	O	Low		`SIF_MetadataType`
	SIF_ExtendedElements	O	Low		`SIF_ExtendedElementsType`

Table 3.4.4-1: StudentAttendanceSummary

JSON 📄   **XML** 📄

```
<StudentAttendanceSummary StudentAttendanceSummaryRefId="D3476FAE-8647-384B-DA24-31EDA3583211">
    <StudentPersonalRefId>7C834EA9-EDA1-2090-347F-83297E1C290C</StudentPersonalRefId>
    <SchoolInfoRefId>CA285746-359D-7510-1A8C-36432A901A16</SchoolInfoRefId>
    <SchoolYear>2015</SchoolYear>
    <StartDate>2014-08-30</StartDate>
    <EndDate>2015-06-10</EndDate>
    <StartDay>1</StartDay>
    <EndDay>180</EndDay>
    <FTE>1.00</FTE>
    <DaysAttended>178</DaysAttended>
    <ExcusedAbsences>2</ExcusedAbsences>
    <UnexcusedAbsences>0</UnexcusedAbsences>
    <DaysTardy>3</DaysTardy>
    <DaysInMembership>180</DaysInMembership>
</StudentAttendanceSummary>
```

This object provides more detail about the attendance spans for a single student during the day: it provides more detailed information than the single TimeIn and TimeOut elements in StudentDailyAttendance.

SIF_Events are reported for this object.
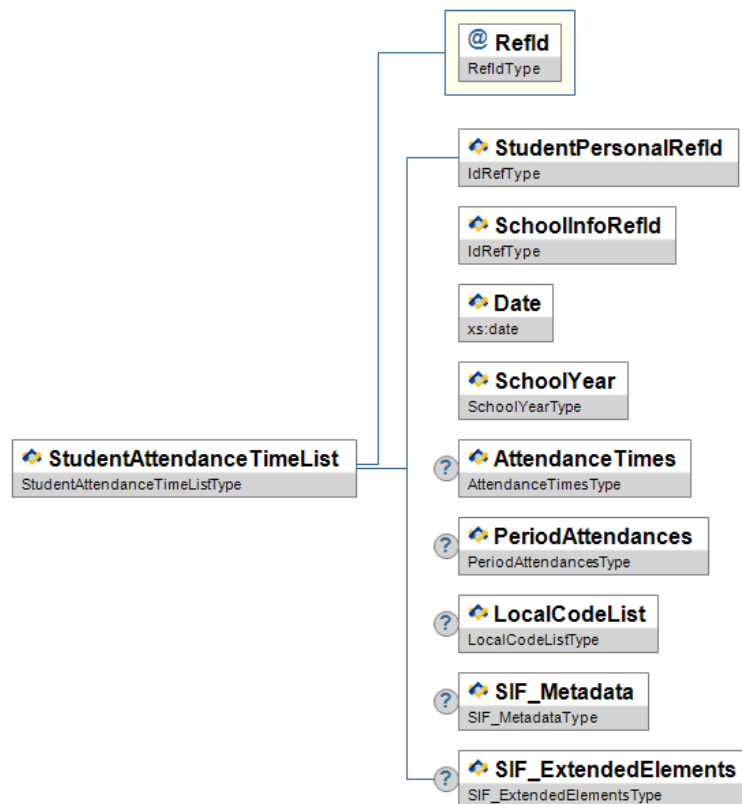
Figure 3.4.5-1: StudentAttendanceTimeList

Element/@Attribute	Char	Privacy Rating	Description	Type
StudentAttendanceTimeList		Low	This object provides more detail about the attendance spans for a single student during the day: it provides more detailed information than the single TimeIn and TimeOut elements in StudentDailyAttendance.	
@ RefId	M	Low	The ID (GUID) that uniquely identifies the instance of the object.	RefIdType
StudentPersonalRefId	M	Low	The ID (GUID) of the student for whom this attendance information is being reported.	IdRefType
SchoolInfoRefId	M	Low	The ID (GUID) of the school for which this attendance information is being reported.	IdRefType
Date	M	Low	The calendar date to which this attendance reporting period relates.	xs:date
SchoolYear	M	Low	School year for which this enrollment is applicable, expressed as the four-digit year in which the school year ends (e.g. 2007).	SchoolYearType
AttendanceTimes	O	Low	Breakdown of times that the student entered or returned to school.	AttendanceTimesType
PeriodAttendances	O	Low	List of any period attendances that need to be captured as part of a full list of student attendance types.	PeriodAttendancesType
LocalCodeList	O	Low		LocalCodeListType
SIF_Metadata	O	Low		SIF_MetadataType
SIF_ExtendedElements	O	Low		SIF_ExtendedElementsType

Table 3.4.5-1: StudentAttendanceTimeList

JSON   **XML**

```xml
<StudentAttendanceTimeList RefId="2FFB63B4-CFEF-4820-8501-E7D1E54555CB">
  <StudentPersonalRefId>D3E34B35-9D75-101A-8C3D-00AA001A1652</StudentPersonalRefId>
  <SchoolInfoRefId>CA285746-359D-7510-1A8C-36432A901A16</SchoolInfoRefId>
  <Date>2002-11-01</Date>
  <SchoolYear>2003</SchoolYear>
  <AttendanceTimes>
    <AttendanceTime>
      <AttendanceCode>
        <Code>100</Code>
      </AttendanceCode>
      <AttendanceStatus>01</AttendanceStatus>
      <StartTime>09:00:00</StartTime>
      <EndTime>11:00:00</EndTime>
      <AttendanceNote />
    </AttendanceTime>
    <AttendanceTime>
      <AttendanceCode>
        <Code>200</Code>
        <OtherCodeList>
          <OtherCode Codeset="Local">S</OtherCode>
          <OtherCode Codeset="Text">C</OtherCode>
        </OtherCodeList>
      </AttendanceCode>
      <AttendanceStatus>01</AttendanceStatus>
      <StartTime>11:00:00</StartTime>
      <EndTime>12:05:00</EndTime>
      <DurationValue>0.167</DurationValue>
      <AttendanceNote>Left for Orthodontist appt. and returned to school
                              afterward</AttendanceNote>
```

Example 3.4.5-1: StudentAttendanceTimeList Example

JSON   **XML**

```xml
<StudentAttendanceTimeList RefId="2FFB63B4-CFEF-4820-8501-E7D1E54555CB">
  <StudentPersonalRefId>D3E34B35-9D75-101A-8C3D-00AA001A1652</StudentPersonalRefId>
  <SchoolInfoRefId>CA285746-359D-7510-1A8C-36432A901A16</SchoolInfoRefId>
  <Date>2002-11-01</Date>
  <SchoolYear>2003</SchoolYear>
  <AttendanceTimes>
    <AttendanceTime>
      <AttendanceType>LA</AttendanceType>
      <AttendanceCode>
        <Code>102</Code>
      </AttendanceCode>
      <AttendanceStatus>02</AttendanceStatus>
      <StartTime>09:00:00</StartTime>
      <EndTime>09:30:00</EndTime>
      <AttendanceNote>No acceptable excuse given</AttendanceNote>
    </AttendanceTime>
    <AttendanceTime>
      <AttendanceType>RC</AttendanceType>
      <AttendanceCode>
        <Code>100</Code>
      </AttendanceCode>
      <AttendanceStatus>NA</AttendanceStatus>
      <StartTime>09:30:00</StartTime>
      <EndTime>11:00:00</EndTime>
      <DurationValue>1.000</DurationValue>
    </AttendanceTime>
    <AttendanceTime>
      <AttendanceType>OC</AttendanceType>
      <AttendanceCode>
```

Example 3.4.5-2: StudentAttendanceTimeList Example 2

3.4.6 StudentDailyAttendance

This object provides daily attendance information for a particular student in a particular school on a particular date.

SIF_Events are reported for this object.
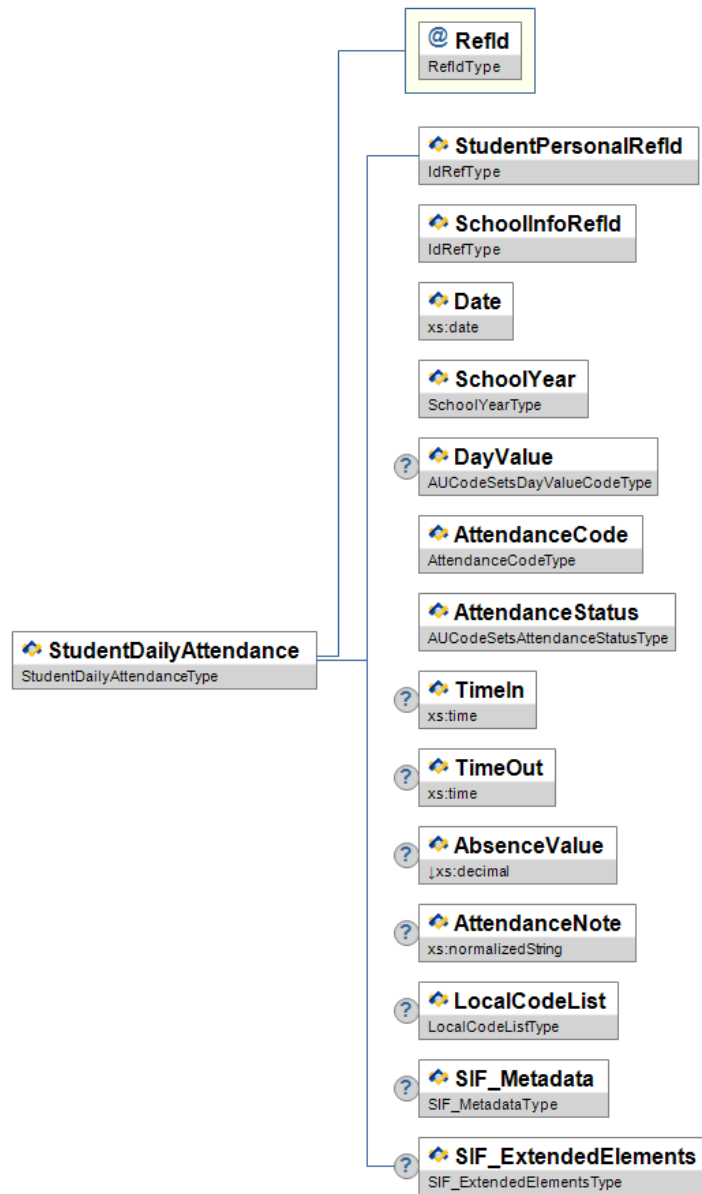
Figure 3.4.6-1: StudentDailyAttendance

	Element/@Attribute	Char	Privacy Rating	Description	Type
	StudentDailyAttendance		Extreme	This object provides daily attendance information for a particular student in a particular school on a particular date.	
@ 🔑	RefId	M	Low	The ID (GUID) assigned to uniquely identify this attendance record.	`RefIdType`
	StudentPersonalRefId	M	Medium	The ID (GUID) of the student for whom this attendance information is being reported.	`IdRefType`
	SchoolInfoRefId	M	Low	The ID (GUID) of the school for which this attendance information is being reported.	`IdRefType`
	Date	M	Low	The calendar date to which this attendance information relates.	`xs:date`
	SchoolYear	M	Low	School year for which this enrollment is applicable, expressed as the four-digit year in which the school year ends (e.g. `2007`).	`SchoolYearType`
	DayValue	O	Low	Value of a day this instance represents.	`AUCodeSetsDayValueCodeType`
	AttendanceCode	M	Extreme	Locally defined code for attendance.	`AttendanceCodeType`
	AttendanceStatus	M	Low	Approved or Unapproved status of this attendance code.	`AUCodeSetsAttendanceStatusType`
	TimeIn	C	Low	The time the student entered or returned to school. Must be provided if 'Partial' chosen for DayValue.	`xs:time`
	TimeOut	C	Low	The time the student left school. Must be provided if 'Partial' chosen for DayValue.	`xs:time`
	AbsenceValue	C	Low	Must be provided if the DayValue is "Partial" or "Other". The amount of absence represented by AttendanceCode, up to three decimal places.	`xs:decimal` `xs:minInclusive` 0 `xs:maxInclusive` 1
	AttendanceNote	O	Extreme	Note related to this particular attendance.	`xs:normalizedString`
	LocalCodeList	O	Extreme		`LocalCodeListType`
	SIF_Metadata	O	Extreme		`SIF_MetadataType`
	SIF_ExtendedElements	O	Extreme		`SIF_ExtendedElementsType`

Table 3.4.6-1: StudentDailyAttendance

JSON 📋   **XML** 📋

```xml
<StudentDailyAttendance RefId="2FFB63B4-CFEF-4820-8501-E7D1E54555CB">
  <StudentPersonalRefId>D3E34B35-9D75-101A-8C3D-00AA001A1652</StudentPersonalRefId>
  <SchoolInfoRefId>CA285746-359D-7510-1A8C-36432A901A16</SchoolInfoRefId>
  <Date>2002-11-01</Date>
  <SchoolYear>2003</SchoolYear>
  <DayValue>Partial</DayValue>
  <AttendanceCode>
    <Code>200</Code>
    <OtherCodeList>
      <OtherCode Codeset="Local">S</OtherCode>
      <OtherCode Codeset="Text">C</OtherCode>
    </OtherCodeList>
  </AttendanceCode>
  <AttendanceStatus>01</AttendanceStatus>
  <TimeIn>13:30:00</TimeIn>
  <TimeOut>12:05:00</TimeOut>
  <AttendanceNote>Left for Orthodontist appt. and returned to school afterward</AttendanceNote>
</StudentDailyAttendance>
```

Example 3.4.6-1: StudentDailyAttendance

3.4.7 StudentPeriodAttendance

This object allows recording of period level attendance for a student. The Australian StudentPeriodAttendance object differs to the US StudentPeriodAttendance object in the following ways:

- Student Period Attendance object is usually linked to a SessionInfo object (see below), but it is possible, for simple period attendance packages, to not link period attendance to a session or timetable.
- There will be one provider of the StudentPeriodAttendance within a SIF Zone in Australia. The US, in contrast, has specified objects and events to allow for multiple providers of the StudentPeriodAttendance object in a zone.

SIF_Events are reported for this object.
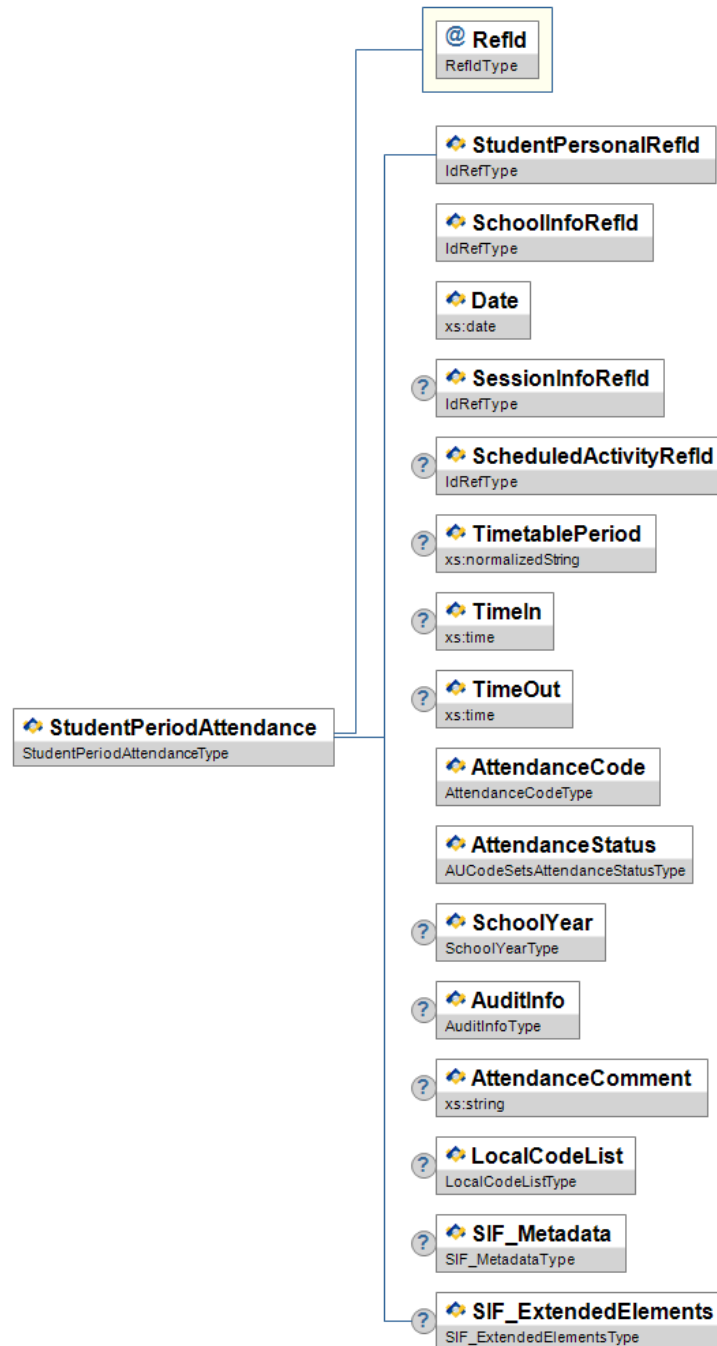
Figure 3.4.7-1: StudentPeriodAttendance

	Element/@Attribute	Char	Privacy Rating	Description	Type
	StudentPeriodAttendance		Extreme	This object allows recording of period level attendance for a student. The Australian StudentPeriodAttendance object differs to the US StudentPeriodAttendance object in the following ways: • Student Period Attendance object is usually linked to a SessionInfo object (see below), but it is possible, for simple period attendance packages, to not link period attendance to a session or timetable. • There will be one provider of the StudentPeriodAttendance within a SIF Zone in Australia. The US, in contrast, has specified objects and events to allow for multiple providers of the StudentPeriodAttendance object in a zone.	
@ 🔑	RefId	M	Low	The ID (GUID) assigned to uniquely identify this attendance record.	RefIdType
	StudentPersonalRefId	M	Low	The GUID of the student that this attendance applies to.	IdRefType
	SchoolInfoRefId	M	Low	The school where the attendance was recorded. Somewhat redundant, needed for requests.	IdRefType
	Date	M	Low	The date of the attendance event.	xs:date
	SessionInfoRefId	O	Low	The GUID of the session that this attendance applies to.	IdRefType
	ScheduledActivityRefId	O	Low	The GUID of the ScheduledActivity Object attendance applies to.	IdRefType
	TimetablePeriod	O	Low	The period within which attendance is being reported, e.g. "4D".	xs:normalizedString
	TimeIn	O	Low	The time the student entered or returned to this class.	xs:time
	TimeOut	O	Low	The time the student left this class.	xs:time
	AttendanceCode	M	Extreme	Code that describes the absence or attendance	AttendanceCodeType
	AttendanceStatus	M	Low	Approved or Unapproved status of this attendance code.	AUCodeSetsAttendanceStatusType
	SchoolYear	O	Low	School year for which this enrollment is applicable, expressed as the four-digit year in which the school year ends (e.g. 2007).	SchoolYearType
	AuditInfo	O	Low	An audit trail to help determine who entered this attendance event and when.	AuditInfoType
	AttendanceComment	O	Extreme	This element contains the comments that are relevant to this attendance record.	xs:string
	LocalCodeList	O	Extreme		LocalCodeListType
	SIF_Metadata	O	Extreme		SIF_MetadataType
	SIF_ExtendedElements	O	Extreme		SIF_ExtendedElementsType

Table 3.4.7-1: StudentPeriodAttendance

JSON 📋   **XML** 📋

```
<StudentPeriodAttendance RefId="98157AA0-13BA-8C3D-00AA-012B359D7512">
  <StudentPersonalRefId>A75A0010-1A8C-301D-02E3-A05B359D0A00</StudentPersonalRefId>
  <SchoolInfoRefId>11737EA4-301C-ADCA-75C8-7214A7C46BDB</SchoolInfoRefId>
  <Date>2001-03-05</Date>
  <TimetablePeriod>P4</TimetablePeriod>
  <AttendanceCode>
    <Code>802</Code>
  </AttendanceCode>
  <AttendanceStatus>01</AttendanceStatus>
</StudentPeriodAttendance>
```


This represents the current AG Data Collections represented in the SIF AU Data Model.

Please note that the AG Collection objects have been updated after the initial 3.4.7 release and changes that were required for consistency and future functionality have been applied. These changes are listed in 2.4 Highlighed Additions/Changes section.

3.5.1 AddressCollection

Object for Australian Government collection submission collecting addresses of students from schools and school authorities

SIF_Events are reported for this object.
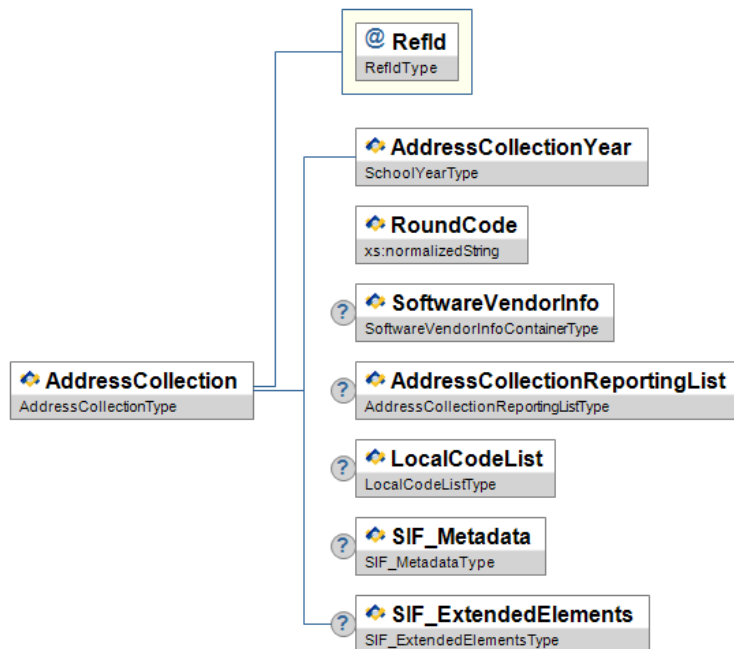
Figure 3.5.1-1: AddressCollection

	Element/@Attribute	Char	Privacy Rating	Description	Type
	AddressCollection		High	Object for Australian Government collection submission collecting addresses of students from schools and school authorities	
@ 🔑	RefId	M	High	GUID for this Report. The application that owns this object is responsible for generating this unique Id.	RefIdType
	AddressCollectionYear	M	Low	Data Year	SchoolYearType
	RoundCode	M	Low	Which Round of the collection is this submission for?	xs:normalizedString
	SoftwareVendorInfo	O	Low	Container for elements containing information on the Software Product and Vendor.	SoftwareVendorInfoContainerType
	AddressCollectionReportingList	O	High	A list of Address Collections.	AddressCollectionReportingListType
	LocalCodeList	O	High		LocalCodeListType
	SIF_Metadata	O	High		SIF_MetadataType
	SIF_ExtendedElements	O	High		SIF_ExtendedElementsType

Table 3.5.1-1: AddressCollection

JSON 📋   **XML** 📋

```
<AddressCollection RefId="D3E34B35-9D75-101A-8C3D-00AA001A1652">
  <AddressCollectionYear>2019</AddressCollectionYear>
  <!-- Data Year -->
  <RoundCode>SES1</RoundCode>
  <SoftwareVendorInfo>
    <!--Optional information about the Vendor -->
    <SoftwareProduct>Civica</SoftwareProduct>
    <SoftwareVersion>Websys 1.0</SoftwareVersion>
  </SoftwareVendorInfo>
  <AddressCollectionReportingList>
    <AddressCollectionReporting>
      <CommonwealthId>012345</CommonwealthId>
      <!-- AGEID -->
      <EntityName>XXX Secondary College</EntityName>
      <EntityContact>
        <Name Type="LGL">
          <FamilyName>Citizen</FamilyName>
          <!-- Collection Contact Family Name -->
          <GivenName>John</GivenName>
          <!-- Collection Contact First Name -->
        </Name>
        <PositionTitle>Auditor</PositionTitle>
        <!-- Collection Contact Position -->
        <Email Type="01">jcitizen@school.vic.edu.au</Email>
        <!-- Collection Contact EmailAddress -->
        <PhoneNumber Type="0096">
          <Number>03 1234-2678</Number>
        </PhoneNumber>
        <!-- Collection Contact Phone Number-->
```

Example 3.5.1-1: AddressCollection

3.5.2 CensusCollection

SIF_Events are reported for this object.
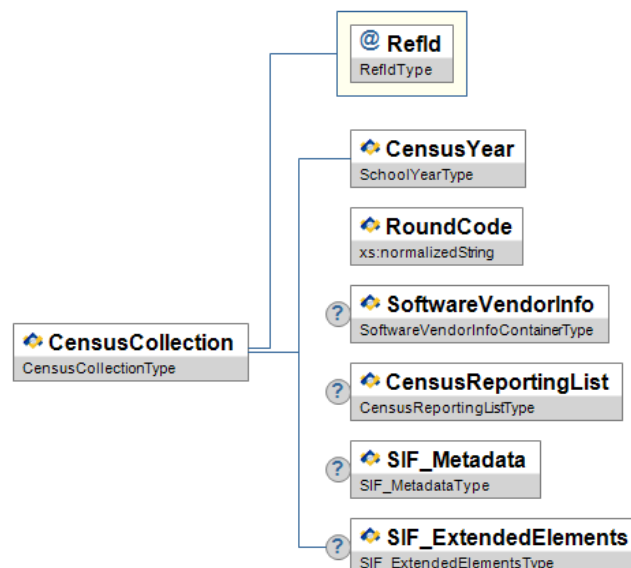
Figure 3.5.2-1: CensusCollection

	Element/@Attribute	Char	Privacy Rating	Description	Type
	CensusCollection		High		
@ 🔑	RefId	M	High	GUID for this Report. The application that owns this object is responsible for generating this unique Id.	RefIdType
	CensusYear	M	Low	Data Year	SchoolYearType
	RoundCode	M	Low	Which Round of the collection is this submission for?	xs:normalizedString
	SoftwareVendorInfo	O	Low	Container for elements containing information on the Software Product and Vendor.	SoftwareVendorInfoContainerType
	CensusReportingList	O	High	A list of Census Collections.	CensusReportingListType
	SIF_Metadata	O			SIF_MetadataType
	SIF_ExtendedElements	O			SIF_ExtendedElementsType

Table 3.5.2-1: CensusCollection

JSON 📋   **XML** 📋

```
<CensusCollection RefId="D3E34B35-9D75-101A-8C3D-00AA001A1652">
  <CensusYear>2018</CensusYear>
  <!-- Data Year -->
  <RoundCode>Census1</RoundCode>
  <SoftwareVendorInfo>
    <!--Optional information about the Vendor -->
    <SoftwareProduct>Civica</SoftwareProduct>
    <SoftwareVersion>Websys 1.0</SoftwareVersion>
  </SoftwareVendorInfo>
  <CensusReportingList>
    <CensusReporting>
      <EntityLevel>School</EntityLevel>
      <CommonwealthId>012345</CommonwealthId>
      <!-- AGEID -->
      <EntityName>XXX Secondary College</EntityName>
      <EntityContact>
        <Name Type="LGL">
          <FamilyName>Citizen</FamilyName>
          <!-- Collection Contact Family Name -->
          <GivenName>James</GivenName>
          <!-- Collection Contact First Name -->
        </Name>
        <PositionTitle>Auditor</PositionTitle>
        <!-- Collection Contact Position -->
        <Email Type="01">jcitizen@school.vic.edu.au</Email>
        <!-- Collection Contact EmailAddress -->
        <PhoneNumber Type="0096">
          <Number>03 1234-2678</Number>
        </PhoneNumber>
```

Example 3.5.2-1: CensusCollection

3.5.3 CollectionRound

Object reporting the rounds available for submission of a particular Australian Government (AG) Collection. Object is published by the Australian Government Schools hub.

SIF_Events are reported for this object.
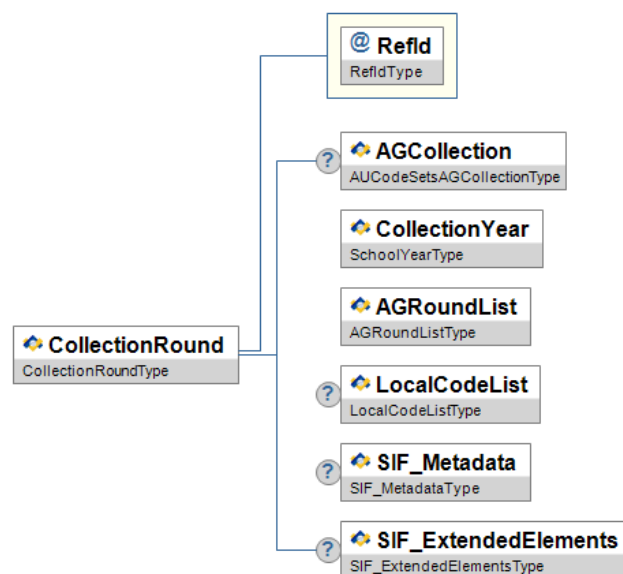
Figure 3.5.3-1: CollectionRound

	Element/@Attribute	Char	Privacy Rating	Description	Type
	CollectionRound		High	Object reporting the rounds available for submission of a particular Australian Government (AG) Collection. Object is published by the Australian Government Schools hub.	
@ 🔑	RefId	M	High	GUID for this Status Report. The application that owns this object is responsible for generating this unique Id.	RefIdType
	AGCollection	O	Low	The type of AG Collection.	AUCodeSetsAGCollectionType
	CollectionYear	M	Low	Data Year	SchoolYearType
	AGRoundList	M	Low	List of Rounds available for the particular collection.	AGRoundListType
	LocalCodeList	O	Extreme		LocalCodeListType
	SIF_Metadata	O	Extreme		SIF_MetadataType
	SIF_ExtendedElements	O	Extreme		SIF_ExtendedElementsType

Table 3.5.3-1: CollectionRound

JSON 📄   **XML** 📄

```
<CollectionRound RefId="D3E34B35-9D75-101A-8C3D-00AA001A1652">
  <AGCollection>STATS</AGCollection>
  <CollectionYear>2018</CollectionYear>
  <AGRoundList>
    <AGRound>
      <RoundCode>STATS1</RoundCode>
      <RoundName>Student Attendance Semester 1</RoundName>
      <StartDate>2019-06-28</StartDate>
      <DueDate>2019-08-02</DueDate>
      <EndDate>2019-10-01</EndDate>
    </AGRound>
    <AGRound>
      <RoundCode>STATS2 </RoundCode>
      <RoundName>Student Attendance Term 3</RoundName>
      <StartDate>2019-09-20</StartDate>
      <DueDate>2019-10-18</DueDate>
      <EndDate>2019-12-31</EndDate>
    </AGRound>
  </AGRoundList>
</CollectionRound>
```

Example 3.5.3-1: CollectionRound

3.5.4 CollectionStatus

Object reporting the processing status of a collection object submitted to the Australian Government. Object is published by the Australian Government collections hub.

SIF_Events are reported for this object.
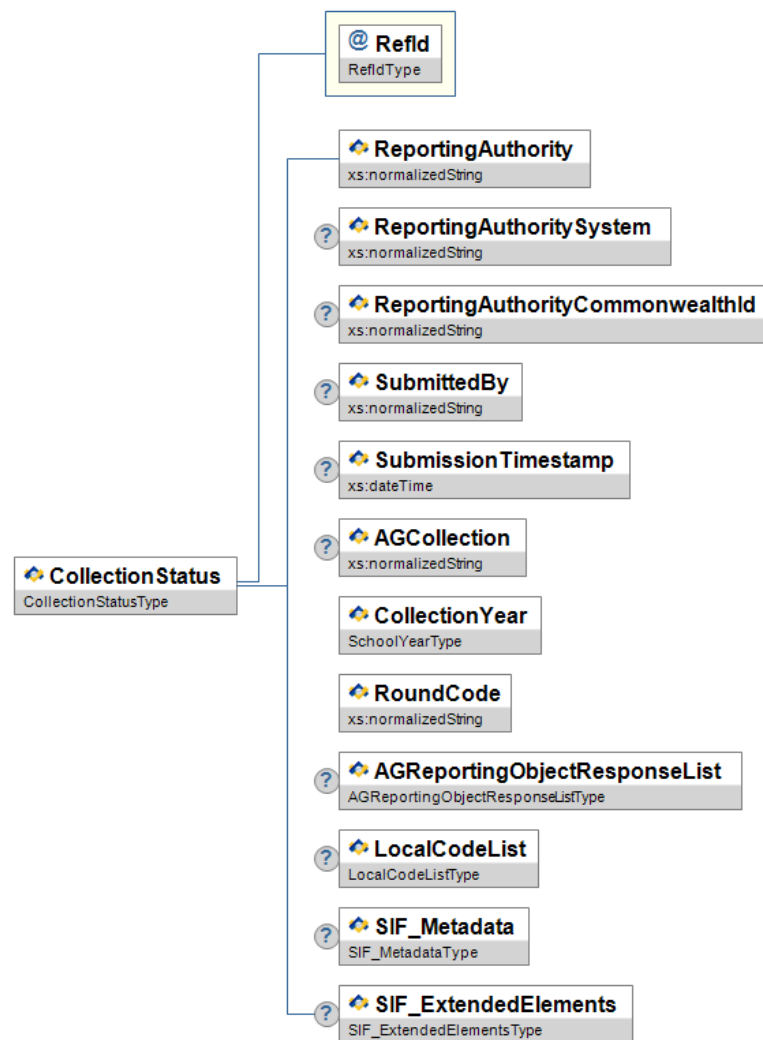
Figure 3.5.4-1: CollectionStatus

	Element/@Attribute	Char	Privacy Rating	Description	Type
	CollectionStatus		High	Object reporting the processing status of a collection object submitted to the Australian Government. Object is published by the Australian Government collections hub.	
@ 🔑	RefId	M	High	GUID for this Status Report. The application that owns this object is responsible for generating this unique Id.	RefIdType
	ReportingAuthority	M	High	Authority who submitted the collection data.	xs:normalizedString
	ReportingAuthoritySystem	O	High	System of Reporting Authority if Systemic.	xs:normalizedString
	ReportingAuthorityCommonwealthId	O	Low	Commonwealth identifier for the submitting entity.	xs:normalizedString
	SubmittedBy	O	High	Extra information about submitter.	xs:normalizedString
	SubmissionTimestamp	O	Low	Timestamp of the original collection submission that these entities were reported on.	xs:dateTime
	AGCollection	O	Low	The type of AG Collection being reported on.	xs:normalizedString
	CollectionYear	M	Low	Data Year	SchoolYearType
	RoundCode	M	Low	Which Round of the collection is this submission for?	xs:normalizedString
	AGReportingObjectResponseList	O	High	A list of the Reporting Objects being responded to.	AGReportingObjectResponseListType
	LocalCodeList	O	Extreme		LocalCodeListType
	SIF_Metadata	O	Extreme		SIF_MetadataType
	SIF_ExtendedElements	O	Extreme		SIF_ExtendedElementsType

Table 3.5.4-1: CollectionStatus

JSON 📋　　**XML** 📋

```xml
<CollectionStatus RefId="D3E34B35-9D75-101A-8C3D-00AA001A1652">
  <ReportingAuthority>Ballarat Diocese</ReportingAuthority>
  <ReportingAuthoritySystem>Vic Catholic</ReportingAuthoritySystem>
  <ReportingAuthorityCommonwealthId>012345</ReportingAuthorityCommonwealthId>
  <SubmittedBy>XXXXXXXX</SubmittedBy>
  <SubmissionTimestamp>2018-05-30T09:00:00</SubmissionTimestamp>
  <AGCollection>FQ</AGCollection>
  <CollectionYear>2018</CollectionYear>
  <RoundCode>FQ1</RoundCode>
  <AGReportingObjectResponseList>
    <AGReportingObjectResponse>
      <SubmittedRefId>D3E34B35-9D75-101A-8C3D-00AA001A1652</SubmittedRefId>
      <!-- Original Reporting RefId of the submission -->
      <SIFRefId>73048175-5738-4386-A260-40CE6230FC1B</SIFRefId>
      <!-- AG assigned for a submission (they can be the same as the original submission but at the discretion of the AG) -->
      <HTTPStatusCode>202</HTTPStatusCode>
      <!-- Optional HTTP Individual Object Acceptance or not Status -->
      <CommonwealthId>012345</CommonwealthId>
      <EntityName>XXX Secondary College</EntityName>
      <AGSubmissionStatusCode>Declared</AGSubmissionStatusCode>
      <!-- Status of AG Processing - Internal to AG -->
    </AGReportingObjectResponse>
    <AGReportingObjectResponse>
      <SubmittedRefId>E9C5106F-7E87-4773-ACCD-390F8E8B9314</SubmittedRefId>
      <!-- Original Reporting RefId of the submission -->
      <HTTPStatusCode>400</HTTPStatusCode>
      <ErrorText>Item components do not add up. Malformed characters.</ErrorText>
      <CommonwealthId>12387</CommonwealthId>
      <EntityName>ABCXYZ Secondary College</EntityName>
```

Example 3.5.4-1: CollectionStatus

3.5.5 FinancialQuestionnaireCollection

Object for Australian Government collection submission collecting financial information from schools and school authorities.

SIF_Events are reported for this object.
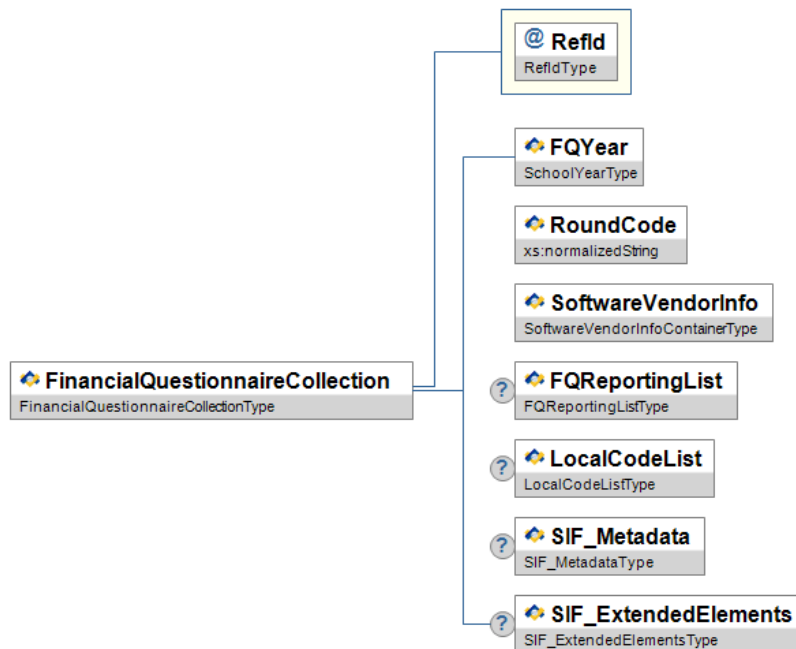
Figure 3.5.5-1: FinancialQuestionnaireCollection

	Element/@Attribute	Char	Privacy Rating	Description	Type
	FinancialQuestionnaireCollection		High	Object for Australian Government collection submission collecting financial information from schools and school authorities.	
@ 🔑	RefId	M	High	GUID for this Report. The application that owns this object is responsible for generating this unique Id.	`RefIdType`
	FQYear	M	Low	Data Year	`SchoolYearType`
	RoundCode	M	Low	Which Round of the collection is this submission for?	`xs:normalizedString`
	SoftwareVendorInfo	M	Low	Container for elements containing information on the Software Product and Vendor.	`SoftwareVendorInfoContainerType`
	FQReportingList	O	High	A list of Financial Reports in this Financial Questionnaire AG Collection.	`FQReportingListType`
	LocalCodeList	O	High		`LocalCodeListType`
	SIF_Metadata	O	High		`SIF_MetadataType`
	SIF_ExtendedElements	O			`SIF_ExtendedElementsType`

Table 3.5.5-1: FinancialQuestionnaireCollection

JSON 📄   **XML** 📄

```xml
<FinancialQuestionnaireCollection RefId="D3E34B35-9D75-101A-8C3D-00AA001A1652">
  <FQYear>2018</FQYear>
  <!-- Data Year -->
  <RoundCode>FQ1</RoundCode>
  <SoftwareVendorInfo>
    <!--Optional information about the Vendor -->
    <SoftwareProduct>MYOB</SoftwareProduct>
    <SoftwareVersion>11.0</SoftwareVersion>
  </SoftwareVendorInfo>
  <FQReportingList>
    <FQReporting>
      <CommonwealthId>012345</CommonwealthId>
      <!-- AGEID -->
      <EntityName>XXX Secondary College</EntityName>
      <EntityContact>
        <Name Type="LGL">
          <FamilyName>Citizen</FamilyName>
          <!-- Collection Contact Family Name -->
          <GivenName>John</GivenName>
          <!-- Collection Contact First Name -->
        </Name>
        <PositionTitle>Auditor</PositionTitle>
        <!-- Collection Contact Position -->
        <Email Type="01">jcitizen@school.vic.edu.au</Email>
        <!-- Collection Contact EmailAddress -->
        <PhoneNumber Type="0096">
          <Number>03 1234-5678</Number>
        </PhoneNumber>
        <!-- Collection Contact Phone Number -->
```

Example 3.5.5-1: FinancialQuestionnaireCollection

3.5.6 StudentAttendanceCollection

Object for Australian Government collection submission collecting Student Attendance Information.The Student Attendance Collection captures attendance information for each school location by cohort. A cohort comprises the combination of year level, gender and indigeneity. There are a maximum of six possible cohorts per year level (see Cohort attribute in table below). Data is submitted to the collection at two reporting periods (Semester 1 and Term 3). Student Attendance data is only captured for full-time students in Years 1 to 10.

SIF_Events are reported for this object.
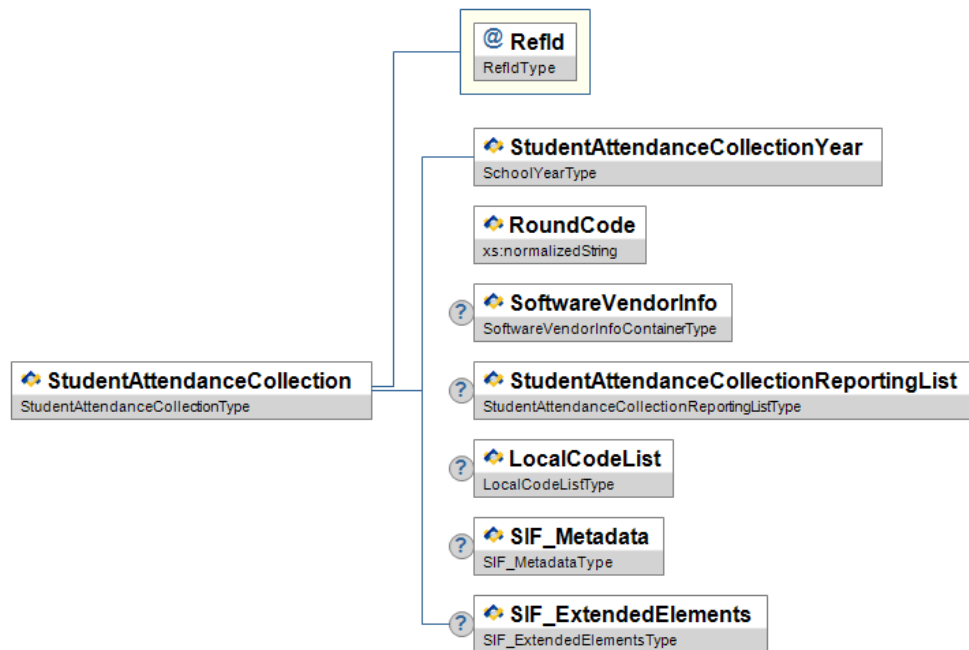
Figure 3.5.6-1: StudentAttendanceCollection

	Element/@Attribute	Char	Privacy Rating	Description	Type
	StudentAttendanceCollection		High	Object for Australian Government collection submission collecting Student Attendance Information.The Student Attendance Collection captures attendance information for each school location by cohort. A cohort comprises the combination of year level, gender and indigeneity. There are a maximum of six possible cohorts per year level (see Cohort attribute in table below). Data is submitted to the collection at two reporting periods (Semester 1 and Term 3). Student Attendance data is only captured for full-time students in Years 1 to 10.	
@ 🔑	RefId	M	High	GUID for this Report. The application that owns this object is responsible for generating this unique Id.	RefIdType
	StudentAttendanceCollectionYear	M	Low	Data Year	SchoolYearType
	RoundCode	M	Low	Identifies the reference period for the collection. Schools report each reference period as a separate submission at different times of the school year.	xs:normalizedString
	SoftwareVendorInfo	O	Low	Container for elements containing information on the Software Product and Vendor.	SoftwareVendorInfoContainerType
	StudentAttendanceCollectionReportingList	O	High	A list of identifying information for the location reporting to STATS collection.	StudentAttendanceCollectionReportingListType
	LocalCodeList	O	High		LocalCodeListType
	SIF_Metadata	O	High		SIF_MetadataType
	SIF_ExtendedElements	O	High		SIF_ExtendedElementsType

Table 3.5.6-1: StudentAttendanceCollection

JSON 📄 **XML** 📄

```
<StudentAttendanceCollection RefId="D3E34B35-9D75-101A-8C3D-00AA001A1653">
  <StudentAttendanceCollectionYear>2020</StudentAttendanceCollectionYear>
  <!-- Data Year -->
  <RoundCode>Semester1</RoundCode>
  <SoftwareVendorInfo>
    <!--Optional information about the Vendor -->
    <SoftwareProduct>Software</SoftwareProduct>
    <SoftwareVersion>Websys 1.0</SoftwareVersion>
  </SoftwareVendorInfo>
  <StudentAttendanceCollectionReportingList>
    <StudentAttendanceCollectionReporting>
      <CommonwealthId>24680</CommonwealthId>
      <!-- AGEID -->
      <EntityName>XXX Secondary College</EntityName>
      <EntityContact>
        <Name Type="LGL">
          <FamilyName>Citizen</FamilyName>
          <!-- Collection Contact Family Name -->
          <GivenName>John</GivenName>
          <!-- Collection Contact First Name -->
        </Name>
        <PositionTitle>BusinessManager</PositionTitle>
        <!-- Collection Contact Position -->
        <Email Type="01">jcitizen@school.vic.edu.au</Email>
        <!-- Collection Contact EmailAddress -->
        <PhoneNumber Type="0096">
          <Number>03 1234-5678</Number>
        </PhoneNumber>
        <!-- Collection Contact Phone Number-->
```
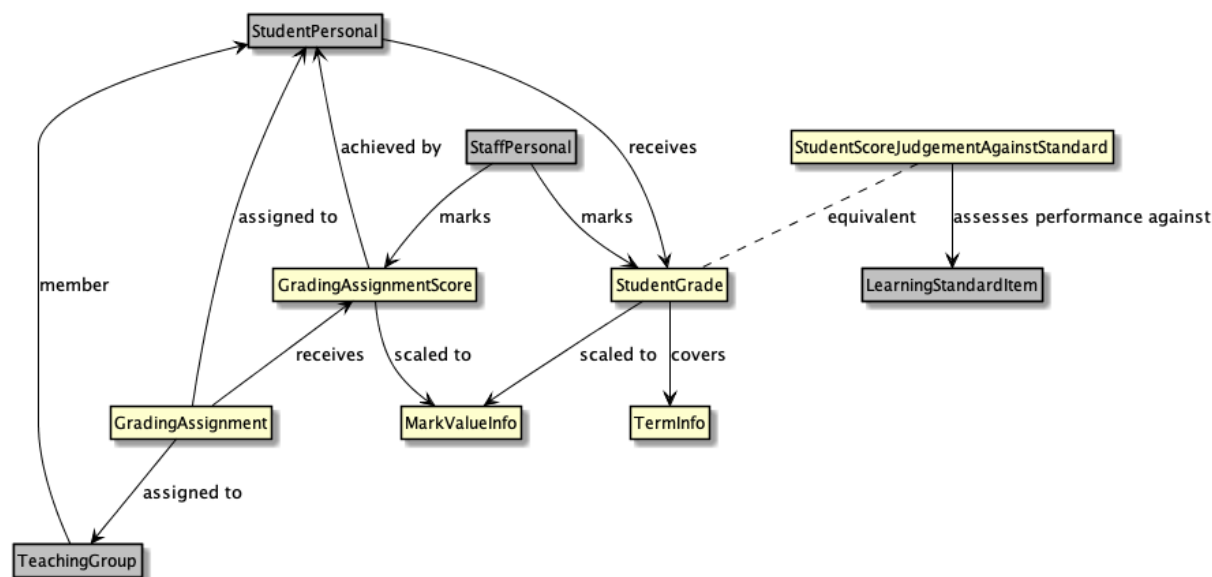

This represents objects involved in third party classroom assessment applications connecting to a jurisdiction hub, collecting the relevant information and publishing back assessment results records to the centralised system.

3.6.1 GradingAssignment

This object provides information about a particular assignment, allows applications to synchronize each other's assignment tables, gathers the definition for a GradingAssignmentScore object, etc.

SIF_Events are reported for this object.
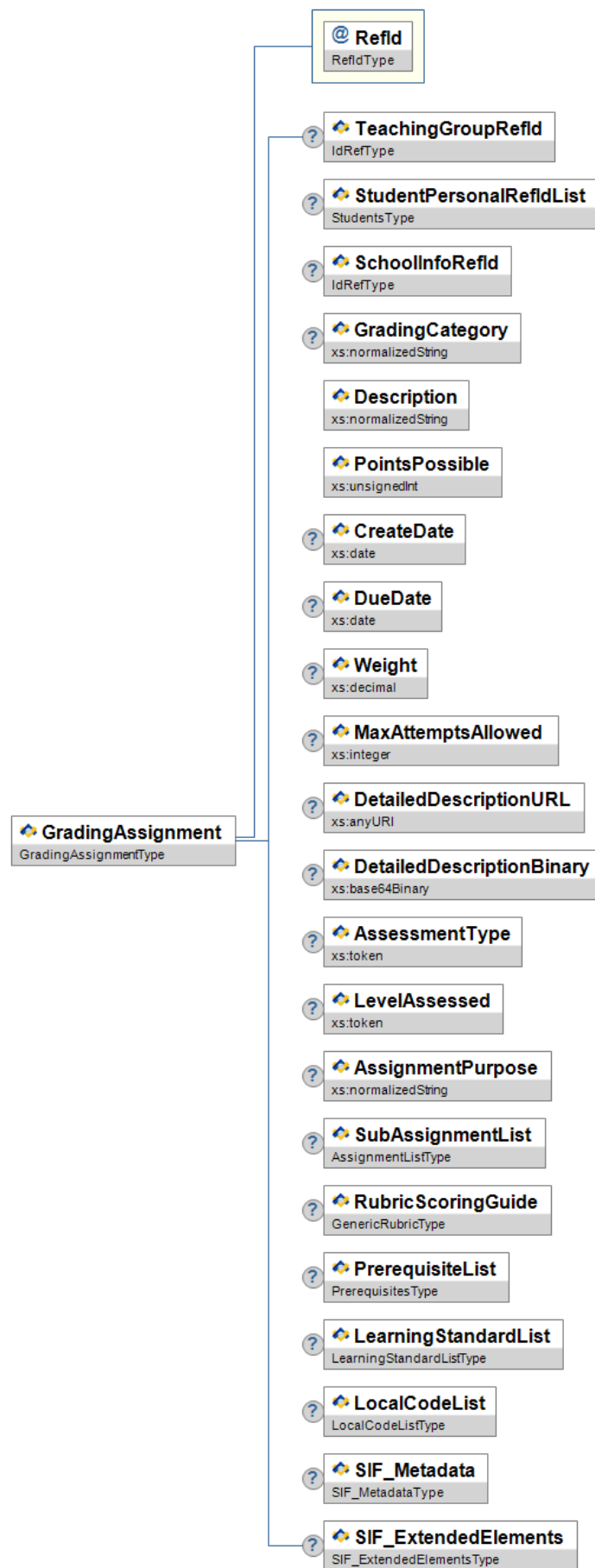
Figure 3.6.1-1: GradingAssignment

Element/@Attribute	Char	Privacy Rating	Description	Type
GradingAssignment		Low	This object provides information about a particular assignment, allows applications to synchronize each other's assignment tables, gathers the definition for a GradingAssignmentScore object, etc.	
@ RefId	M	Low	A GUID that identifies an instance of this object.	RefIdType
TeachingGroupRefId	O	Low	The GUID for the TeachingGroup object in which this assignment has been set.	IdRefType
StudentPersonalRefIdList	O	Low	The GUIDs for individuals that this assignment has been set for.	StudentsType
SchoolInfoRefId	O	Low	The Id (GUID) that uniquely identifies the School in which this assignment has been set.	IdRefType
GradingCategory	O	Low	A particular grading category for the assignment, used to provide grouping and type information.	xs:normalizedString
Description	M	Low	The text-based description of the assignment.	xs:normalizedString
PointsPossible	M	Low	The points possible on the assignment.	xs:unsignedInt
CreateDate	O	Low	Creation date of the assignment.	xs:date
DueDate	O	Low	Date the assignment is due.	xs:date
Weight	O	Low	The weight of the assignment.	xs:decimal
MaxAttemptsAllowed	O	Low	How many attempts the student is allowed on the assignment (applicable particularly to online activities).	xs:integer
DetailedDescriptionURL	O	Low	The location of the document that describes the assignment. If Type is PDF, this element will contain the Base64 encoding of the entire document. Preferred against DetailedDescriptionBinary for online assessment.	xs:anyURI
DetailedDescriptionBinary	O	Low	The Base64 encoding of a document (e.g. PDF) describing the assignment.	xs:base64Binary
AssessmentType	O	Low	Type of assessment (e.g. diagnostic vs pedagogical).	xs:token
LevelAssessed	O	Low	Level at which assessment is aimed; may be year level.	xs:token
AssignmentPurpose	O	Low	Purpose for assignment.	xs:normalizedString
SubAssignmentList	O	Low	Assignments which this assignment is composed of.	AssignmentListType
RubricScoringGuide	O	Low	Rubric Scoring information.	GenericRubricType
PrerequisiteList	O	Low	Prerequisite conditions to be met for assessment.	PrerequisitesType
LearningStandardList	O	Low		LearningStandardListType

Element/@Attribute	Char	Privacy Rating	Description	Type
LocalCodeList	O	Low		LocalCodeListType
SIF_Metadata	O	Low		SIF_MetadataType
SIF_ExtendedElements	O	Low		SIF_ExtendedElementsType

Table 3.6.1-1: GradingAssignment

JSON 📋   **XML** 📋

```
<GradingAssignment RefId="359D7510-1AD0-A9D7-A8C3-DAD0A85103A2">
  <TeachingGroupRefId>D0A0A27A-D0A8-510A-D9D7-5101A8C3DA39</TeachingGroupRefId>
  <SchoolInfoRefId>11737EA4-301C-ADCA-75C8-7214A7C46BDB</SchoolInfoRefId>
  <GradingCategory>Classroom Test</GradingCategory>
  <Description>Pop Quiz</Description>
  <PointsPossible>100</PointsPossible>
  <CreateDate>2000-11-21</CreateDate>
  <DueDate>2000-11-25</DueDate>
  <Weight>1.0</Weight>
  <DetailedDescriptionURL>http://www.assignmentinfo.com/assignment1.pdf</DetailedDescriptionURL>
</GradingAssignment>
```

Example 3.6.1-1: GradingAssignment

3.6.2 GradingAssignmentScore

This object provides score information about a particular assignment.

SIF_Events are reported for this object.
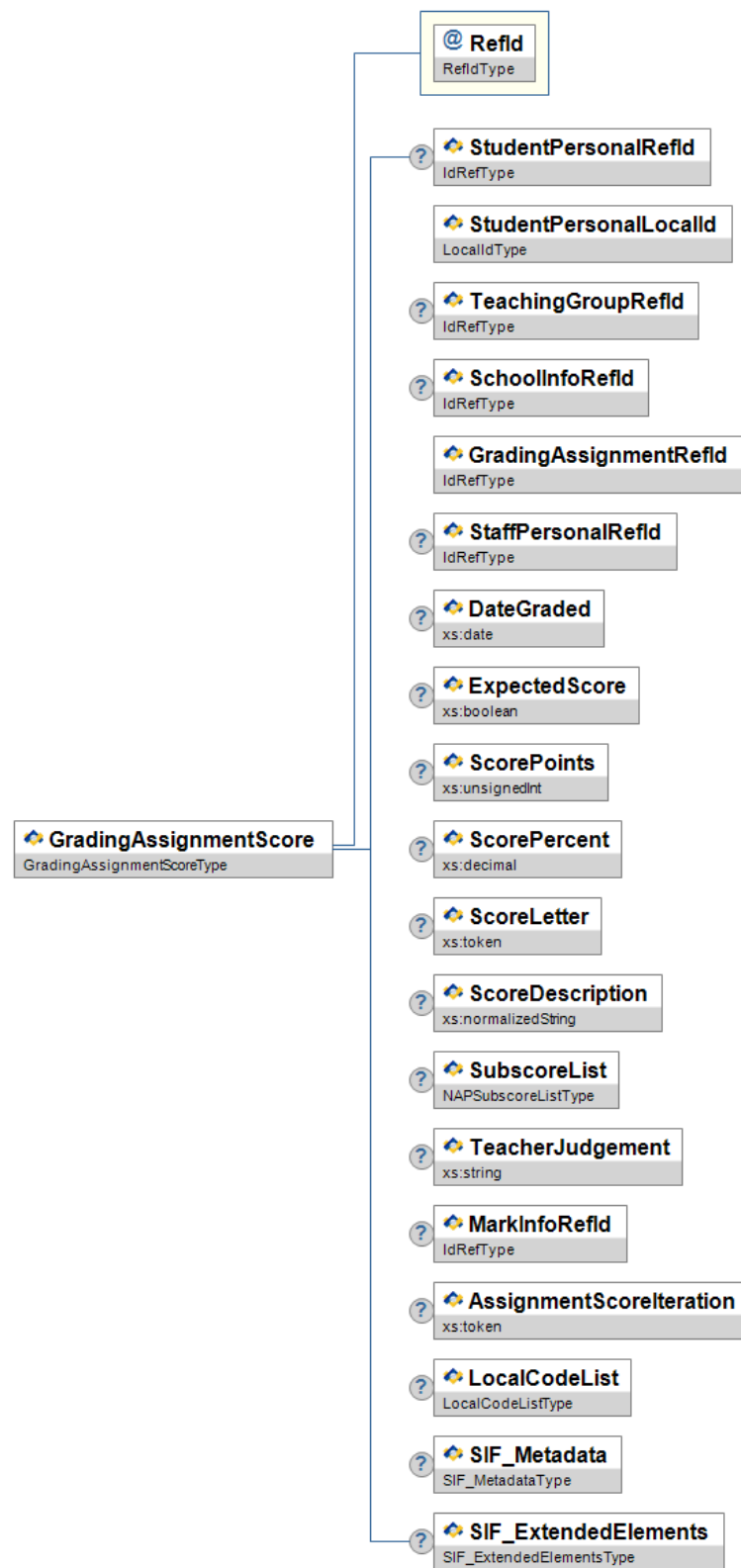
Figure 3.6.2-1: GradingAssignmentScore

Element/@Attribute	Char	Privacy Rating	Description	Type
GradingAssignmentScore		High	This object provides score information about a particular assignment.	
@ RefId	M	Low	A GUID that identifies an instance of this object.	RefIdType
StudentPersonalRefId	O	Low	The GUID for the student whose score this is.	IdRefType
StudentPersonalLocalId	M	Low	The Local Id for the student whose score this is.	LocalIdType
TeachingGroupRefId	O	Low	The GUID for the TeachingGroup object in which this assignment has been set.	IdRefType
SchoolInfoRefId	O	Low	The Id (GUID) that uniquely identifies the School in which this assignment has been set.	IdRefType
GradingAssignmentRefId	M	Low	The grading assignment for which this is a score.	IdRefType
StaffPersonalRefId	O	Low	The staff member who marked the assignment, and was responsible for any associated teacher judgement.	IdRefType
DateGraded	O	Low	Date the assignment was graded.	xs:date
ExpectedScore	O	Low	If true, this is the expected or calculated score for the assignment. If false, this is the score the student received through attempting the assignment. The expected score can be used to substitute for the received score, where the received score is unavailable; e.g. the student has not done the assessment, but will receive a default mark rather than be penalised with a zero grade.	xs:boolean
ScorePoints	C	Medium	The score represented as points. Conditionally required that one or more of ScorePoints, ScorePercent or ScoreLetter must be filled in. For online assignments, ScorePoints should be used to the exclusion of other scores.	xs:unsignedInt
ScorePercent	C	Medium	The score represented as a percent. Conditionally required that one or more of ScorePoints, ScorePercent or ScoreLetter must be filled in.	xs:decimal
ScoreLetter	C	Medium	The score represented as a letter grade. Conditionally required that one or more of ScorePoints, ScorePercent or ScoreLetter must be filled in.	xs:token
ScoreDescription	O	Medium	Text description of the score.	xs:normalizedString
SubscoreList	O	Medium	Subscores contributing to the total mark.	NAPSubscoreListType
TeacherJudgement	O	High	Teacher judgement associated with the score.	xs:string
MarkInfoRefId	O	Low	Interpretation of Grade.	IdRefType
AssignmentScoreIteration	O	Low	If this is a draft submission, or re-submission, iteration of the attempt.	xs:token
LocalCodeList	O	High		LocalCodeListType
SIF_Metadata	O	High		SIF_MetadataType
SIF_ExtendedElements	O	High		SIF_ExtendedElementsType

Table 3.6.2-1: GradingAssignmentScore
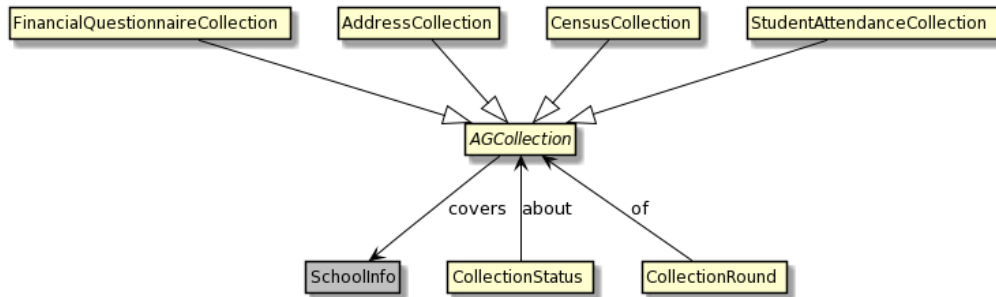
```
<GradingAssi          fId="359D7510-1AD0-A9D7-A8C3-DAD0A85103A2">
   <StudentPe:         5A0010-1A8C-301D-02E3-A05B359D0A00</StudentPersonalRefId>
   <StudentPe:         fred12</StudentPersonalLocalId>
   <TeachingGroupRefId>D0A0A27A-D0A8-510A-D9D7-5101A8C3DA39</TeachingGroupRefId>
   <SchoolInfoRefId>11737EA4-301C-ADCA-75C8-7214A7C46BDB</SchoolInfoRefId>
   <GradingAssignmentRefId>359D7510-1AD0-A9D7-A8C3-DAD0A85105D2</GradingAssignmentRefId>
   <ScorePoints>45</ScorePoints>
</GradingAssignmentScore>
```

Example 3.6.2-1: GradingAssignmentScore

3.6.3 MarkValueInfo

This object defines the types of values allowed for a mark and the domain for each mark value. At least one of the Percentage, Numeric, Letter or Narrative nodes must be used to create a valid MarkValueInfo.

SIF_Events are reported for this object.
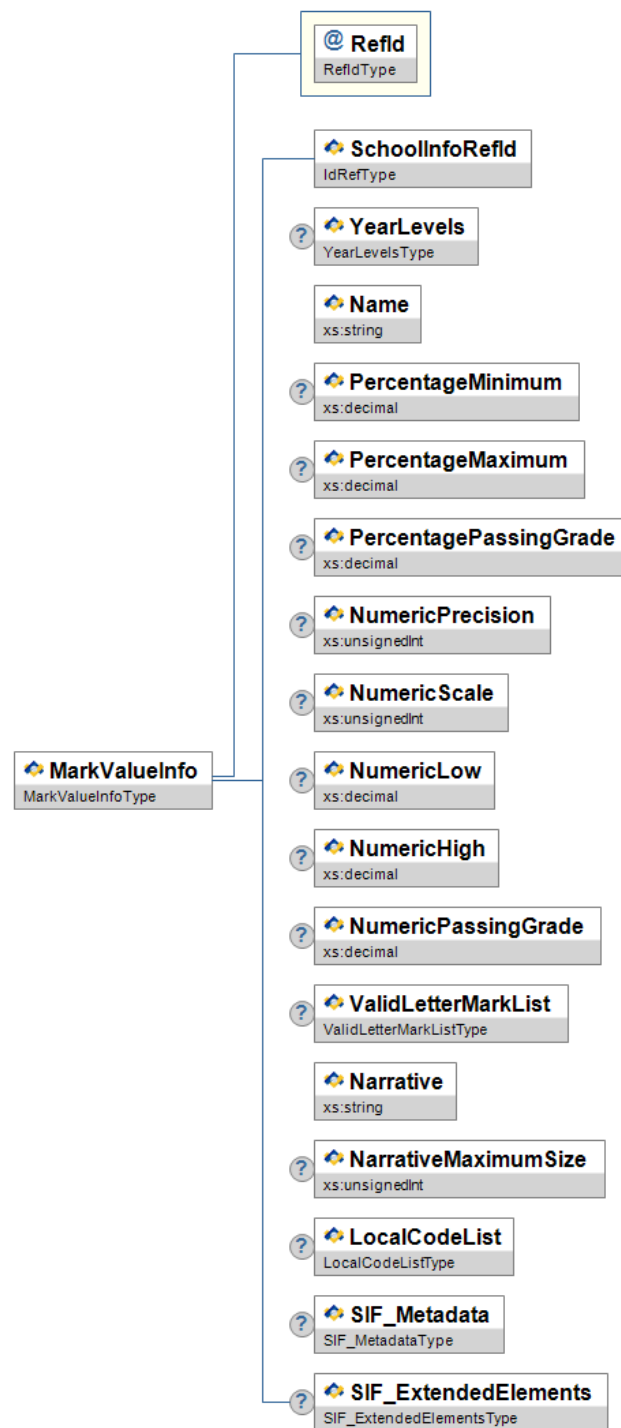
Figure 3.6.3-1: MarkValueInfo

Element/@Attribute	Char	Privacy Rating	Description	Type
MarkValueInfo		Medium	This object defines the types of values allowed for a mark and the domain for each mark value. At least one of the Percentage, Numeric, Letter or Narrative nodes must be used to create a valid MarkValueInfo.	
@ RefId	M	Low	The Id (GUID) that uniquely identifies this MarkValueInfo entity.	`RefIdType`
SchoolInfoRefId	M	Low	The Id (GUID) that uniquely identifies the School that these Mark Values apply to.	`IdRefType`
YearLevels	O	Low	The year levels that this MarkValueInfo applies to.	`YearLevelsType`
Name	M	Low	The text name of the value list ("Letter Grades", "Letter Grades (+/-)", "ESU", "Pass/Fail", "Override Grades", "Citizenship Comment Codes", etc.).	`xs:string`
PercentageMinimum	O	Low	The minimum percent value accepted for this mark.	`xs:decimal`
PercentageMaximum	O	Low	The maximum percent value accepted for this mark.	`xs:decimal`
PercentagePassingGrade	O	Low	The threshold for a mark to be considered passing.	`xs:decimal`
NumericPrecision	O	Low	Number of significant digits.	`xs:unsignedInt`
NumericScale	O	Low	Number of decimal places.	`xs:unsignedInt`
NumericLow	O	Low	Lowest Mark in the range (e.g., 98, 3.95).	`xs:decimal`
NumericHigh	O	Low	Highest Mark in the range (e.g., 100, 4.0).	`xs:decimal`
NumericPassingGrade	O	Low	The threshold for a mark to be considered passing.	`xs:decimal`
ValidLetterMarkList	C	Low	List of specific valid letter Marks.	`ValidLetterMarkListType`
Narrative	M	Low	If present, indicates that a free-form text narrative is accepted.	`xs:string`
NarrativeMaximumSize	O	Low	An integer value representing the maximum number of Unicode characters for the narrative, the UTF-8 encoding of which may be longer.	`xs:unsignedInt`
LocalCodeList	O	Low		`LocalCodeListType`
SIF_Metadata	O	Low		`SIF_MetadataType`
SIF_ExtendedElements	O	Low		`SIF_ExtendedElementsType`

Table 3.6.3-1: MarkValueInfo

JSON 📋   **XML** 📋

```
<MarkValueInfo RefId="11737E21-4A7C-46BD-BA43-01CADCA75C87">
  <SchoolInfoRefId>A137D78A-E00B-C744-EF90-F2871CEB90A2</SchoolInfoRefId>
  <Name>Letter Grades</Name>
  <ValidLetterMarkList>
    <ValidLetterMark>
      <Code>A</Code>
      <NumericEquivalent>100</NumericEquivalent>
    </ValidLetterMark>
    <ValidLetterMark>
      <Code>B</Code>
      <NumericEquivalent>90</NumericEquivalent>
    </ValidLetterMark>
    <ValidLetterMark>
      <Code>C</Code>
      <NumericEquivalent>80</NumericEquivalent>
    </ValidLetterMark>
    <ValidLetterMark>
      <Code>D</Code>
      <NumericEquivalent>70</NumericEquivalent>
    </ValidLetterMark>
    <ValidLetterMark>
      <Code>F</Code>
      <NumericEquivalent>60</NumericEquivalent>
    </ValidLetterMark>
  </ValidLetterMarkList>
</MarkValueInfo>
```

SIF_Events are reported for this object.
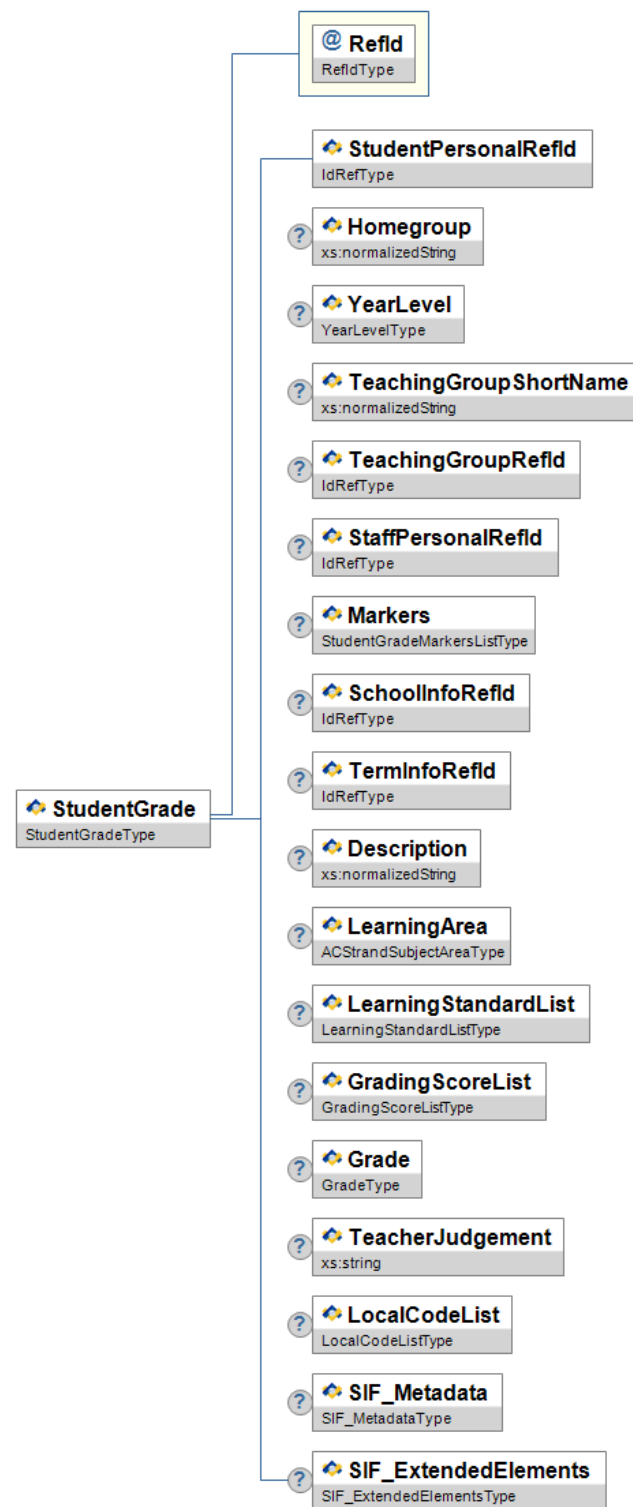
Figure 3.6.4-1: StudentGrade

	Element/@Attribute	Char	Privacy Rating	Description	Type
	StudentGrade			StudentGrade is a grade in isolation, not necessarily linked to an assessment, teaching group, class, or curriculum.	
@ 🔑	RefId	M	Low	The Id (GUID) that uniquely identifies this object.	`RefIdType`
	StudentPersonalRefId	M	Low	The Id (GUID) that uniquely identifies the `StudentPersonal` object that this item refers to.	`IdRefType`
	Homegroup	O	Low	Homegroup that the student belongs to.	`xs:normalizedString`
	YearLevel	O	Low	Year level of student.	`YearLevelType`
	TeachingGroupShortName	O	Low	Short free format label that describes the teaching group.	`xs:normalizedString`
	TeachingGroupRefId	O	Low	The Id (GUID) that uniquely identifies the Teaching Group in which this Grade was assigned.	`IdRefType`
	StaffPersonalRefId	O	Low	The main staff member who graded the student, and was responsible for any associated teacher judgement.	`IdRefType`
	Markers	O	Low	Any other staff members who were involved in the grading or the student or who were responsible for any associated teacher judgement/s.	`StudentGradeMarkersListType`
	SchoolInfoRefId	O	Low	The Id (GUID) that uniquely identifies the School that these values apply to.	`IdRefType`
	TermInfoRefId	O	Low	Period over which grade is calculated. StudentGrade is intended to range over work done through a marking period; it is not intended for one-off pieces of formative assessment.	`IdRefType`
	Description	O	Low	The scope of the StudentGrade; e.g. subject matter. Should be used if no TeachingGroup is associated with the grade.	`xs:normalizedString`
	LearningArea	O	Low	Learning area against which the grade was given.	`ACStrandSubjectAreaType`
	LearningStandardList	O	Low	We will now allow this in 3.4.3 to be either a GUID to LearningStandardItem, or a URL to the National Curriculum. This can be a content description or a strand.	`LearningStandardListType`
	GradingScoreList	O	Low	Assignments that the student went through to achieve this summative assessment.	`GradingScoreListType`
	Grade	O	Low	Overall grade that the student has received.	`GradeType`
	TeacherJudgement	O	Low	The teacher judgement of the student's performance as captured in this object.	`xs:string`
	LocalCodeList	O	Low		`LocalCodeListType`
	SIF_Metadata	O	Low		`SIF_MetadataType`
	SIF_ExtendedElements	O	Low		`SIF_ExtendedElementsType`

Table 3.6.4-1: StudentGrade

JSON 📋   **XML** 📋

```
<StudentGrade RefId="359D7510-1AD0-A9D7-A8C3-DAD0A85103A2">
  <StudentPersonalRefId>A137D78A-E00B-C744-EF90-F2871CEB90A2</StudentPersonalRefId>
  <SchoolInfoRefId>B237D78A-E00B-C744-EF90-F2871CEB91A2</SchoolInfoRefId>
  <Grade>
    <Percentage>79</Percentage>
    <Numeric>3.0</Numeric>
    <Letter>C</Letter>
    <Narrative>Johnny is only achieving average performance.</Narrative>
  </Grade>
</StudentGrade>
```

Example 3.6.4-1: StudentGrade

3.6.5 StudentScoreJudgementAgainstStandard

This object serves to represent a student's score (score in the form of a teacher judgement against written achievement standards), which has been recorded against a curriculum node (the curriculum node belongs to a curriculum structure), which was taught as part of a school-defined class, during a specific reporting period.

SIF_Events are reported for this object.

@ RefId	
RefIdType	

SchoolYear
SchoolYearType

TermInfoRefId
IdRefType

LocalTermCode
LocalIdType

StudentPersonalRefId
IdRefType

StudentStateProvinceId
StateProvinceIdType

StudentLocalId
LocalIdType

YearLevel
YearLevelType

TeachingGroupRefId
IdRefType

ClassLocalId
xs:normalizedString

StaffPersonalRefId
IdRefType

StaffLocalId
LocalIdType

StudentScoreJudgementAgainstStandard
StudentScoreJudgementAgainstStandardType

LearningStandardList
LearningStandardListType

CurriculumCode
LocalIdType

CurriculumNodeCode
LocalIdType

Score
xs:normalizedString

SpecialCircumstanceLocalCode
LocalIdType

ManagedPathwayLocalCode
LocalIdType

SchoolInfoRefId
IdRefType

SchoolLocalId
LocalIdType

SchoolCommonwealthId
xs:normalizedString

LocalCodeList
LocalCodeListType

SIF_Metadata
SIF_MetadataType

SIF_ExtendedElements
SIF_ExtendedElementsType

Figure 3.6.5-1: StudentScoreJudgementAgainstStandard

	Element/@Attribute	Char	Privacy Rating	Description	Type
	StudentScoreJudgementAgainstStandard		High	This object serves to represent a student's score (score in the form of a teacher judgement against written achievement standards), which has been recorded against a curriculum node (the curriculum node belongs to a curriculum structure), which was taught as part of a school-defined class, during a specific reporting period.	
@ 🔑	RefId	M	Medium	The GUID that uniquely identifies an instance of the object.	RefIdType
	SchoolYear	M	Medium	The calendar year, where formal judgements are made.	SchoolYearType
	TermInfoRefId	C	Medium	The TermInfo Object, if one is published, in which the judgements are made. Either a TermInfoRefId or a LocalTermCode must be provided.	IdRefType
	LocalTermCode	C	Medium	Refers to a local time period, the reporting period, (e.g. mid or end) within the calendar year, where formal judgements are made. Either a TermInfoRefId or a LocalTermCode must be provided.	LocalIdType
	StudentPersonalRefId	C	High	The link to the student associated with this score. Either the StudentPersonalRefId or the StudentStateProvinceId, (in Vic = VSN), or StudentLocalId MUST BE provided.	IdRefType
	StudentStateProvinceId	C	High	The state-assigned identifier for this student. Either the StudentPersonalRefId or the StudentStateProvinceId, (in Vic = VSN), or StudentLocalId MUST BE provided.	StateProvinceIdType
	StudentLocalId	C	High	The Local identifier for this student. Either the StudentPersonalRefId or the StudentStateProvinceId, (in Vic = VSN), or StudentLocalId MUST BE provided.	LocalIdType
	YearLevel	M	Medium	The year level of the student in context of the judgement (i.e. year level relative to the SchoolYear and LocalTermCode).	YearLevelType
	TeachingGroupRefId	C	Low	The registration associated with this score. Either TeachingGroupRefId or ClassLocalId MUST BE provided.	IdRefType
	ClassLocalId	C	Low	LocalId that identifies the class code of the class associated with the school-defined subject. Either TeachingGroupRefId or ClassLocalId MUST BE provided.	xs:normalizedString
	StaffPersonalRefId	C	Low	The Id (GUID) of the StaffPersonal record for the teacher who is primarily associated with the score. Either StaffPersonalRefId or StaffLocalId MUST BE provided.	IdRefType
	StaffLocalId	C	Low	LocalId of the StaffPersonal record for the teacher who is primarily associated with the score. Either StaffPersonalRefId or StaffLocalId MUST BE provided.	LocalIdType
	LearningStandardList	C	Low	Either a GUID to LearningStandardItem, LocalId or a URL to Curriculum . This can be a content description or a strand. Either a LearningStandardList or CurriculumCode AND CurriculumNodeCode Must be provided.	LearningStandardListType
	CurriculumCode	C	Low	The curriculum code, associated with the Teacher Judgement. Either a LearningStandardList or CurriculumCode AND CurriculumNodeCode Must be provided.	LocalIdType
	CurriculumNodeCode	C	Low	The curriculum node code, associated with the Teacher Judgement. Each curriculum consists of a nested structure of nodes. Either a LearningStandardList or CurriculumCode AND CurriculumNodeCode Must be provided.	LocalIdType
	Score	M	Low	The score reflecting the teacher judgement against standards. Boundaries determined by the system.	xs:normalizedString
	SpecialCircumstanceLocalCode	O	High	Any Special Circumstance, (or none), that needs to be taken into consideration.	LocalIdType

Element/@Attribute	Char	Privacy Rating	Description	Type
ManagedPathwayLocalCode	O	High	Any Managed Pathway that needs to be recorded.	`LocalIdType`
SchoolInfoRefId	C	Low	The RefId of the SchoolInfo Object. It can be used as the link to the school object associated with this score. Either the SchoolInfoRefId OR (SchoolLocalId AND SchoolCommonwealthId, (AGEID)), MUST BE provided.	`IdRefType`
SchoolLocalId	C	Low	The link to the school associated with this score. Either the SchoolInfoRefId OR (SchoolLocalId AND SchoolCommonwealthId, (AGEID)), MUST BE provided.	`LocalIdType`
SchoolCommonwealthId	C	Low	The Australian Government Education ID that can be used as a link to the school associated with this score. Either the SchoolInfoRefId OR (SchoolLocalId AND SchoolCommonwealthId, (AGEID)), MUST BE provided.	`xs:normalizedString`
LocalCodeList	O	High		`LocalCodeListType`
SIF_Metadata	O	High		`SIF_MetadataType`
SIF_ExtendedElements	O	High		`SIF_ExtendedElementsType`

Table 3.6.5-1: StudentScoreJudgementAgainstStandard

JSON 📋   **XML** 📋

```xml
<StudentScoreJudgementAgainstStandard RefId="5810E283-E928-459C-BBA7-6EFE1963F784">
  <SchoolYear>2018</SchoolYear>
  <TermInfoRefId>1F971F3D-414E-4146-9325-66638290E6C1</TermInfoRefId>
  <StudentPersonalRefId>8F0934CC-2F04-48F8-BBD7-88AA1ADE691B</StudentPersonalRefId>
  <YearLevel>
    <Code>10</Code>
  </YearLevel>
  <TeachingGroupRefId>E5EDAE63-A04D-47E4-9D02-24A32956B074</TeachingGroupRefId>
  <StaffPersonalRefId>9D0934CC-2F04-48F8-BBD7-88AA1ADE691B</StaffPersonalRefId>
  <CurriculumCode>AUSVELS</CurriculumCode>
  <CurriculumNodeCode>MATNUM</CurriculumNodeCode>
  <Score>10</Score>
  <SpecialCircumstanceLocalCode>SCMP</SpecialCircumstanceLocalCode>
  <ManagedPathwayLocalCode>MPOMP</ManagedPathwayLocalCode>
  <SchoolInfoRefId>E6EDAE63-A04D-47E4-9D02-24A32956B075</SchoolInfoRefId>
</StudentScoreJudgementAgainstStandard>
```

Example 3.6.5-1: StudentScoreJudgementAgainstStandard Example 1 - Objects Published previously

JSON 📋   **XML** 📋

```xml
<StudentScoreJudgementAgainstStandard RefId="5810E283-E928-459C-BBA7-6EFE1963F784">
  <SchoolYear>2018</SchoolYear>
  <LocalTermCode>Mid</LocalTermCode>
  <StudentStateProvinceId>987654321</StudentStateProvinceId>
  <YearLevel>
    <Code>10</Code>
  </YearLevel>
  <ClassLocalId>MAT10A</ClassLocalId>
  <StaffLocalId>C1234567</StaffLocalId>
  <CurriculumCode>AUSVELS</CurriculumCode>
  <CurriculumNodeCode>MATNUM</CurriculumNodeCode>
  <Score>10</Score>
  <SpecialCircumstanceLocalCode>SCMP</SpecialCircumstanceLocalCode>
  <ManagedPathwayLocalCode>MPOMP</ManagedPathwayLocalCode>
  <SchoolLocalId>027789</SchoolLocalId>
  <SchoolCommonwealthId>AGEID-1032</SchoolCommonwealthId>
</StudentScoreJudgementAgainstStandard>
```

Example 3.6.5-2: StudentScoreJudgementAgainstStandard Example 2 - No previous SIF Objects Published

3.6.6 TermInfo

This object provides information about a term; i.e., a reportable period of time.

SIF_Events are reported for this object.
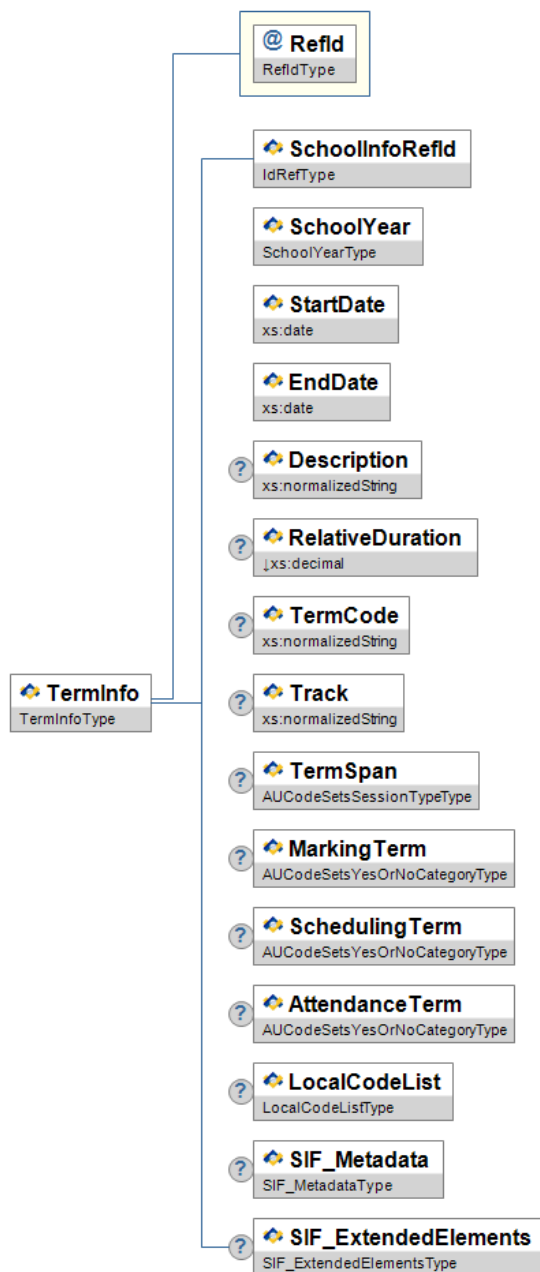
Figure 3.6.6-1: TermInfo

Element/@Attribute	Char	Privacy Rating	Description	Type
TermInfo		Low	This object provides information about a term; i.e., a reportable period of time.	
@ RefId	M	Low	The ID (GUID) that uniquely identifies this TermInfo entity.	RefIdType
SchoolInfoRefId	M	Low	The ID (GUID) that identifies the school where the term is used.	IdRefType
SchoolYear	M	Low	School year for which the information is applicable, expressed as the four-digit year in which the school year ends (e.g., "2009").	SchoolYearType
StartDate	M	Low	Starting date of the term.	xs:date
EndDate	M	Low	Ending date of the term.	xs:date
Description	O	Low	Text-based description of the term.	xs:normalizedString
RelativeDuration	O	Low	Portion of the school year represented by this term, expressed in decimal form precise to 4 decimal places (e.g., 0.1333).	xs:decimal xs:minInclusive 0 xs:maxInclusive 1 xs:fractionDigits 4
TermCode	O	Low	Locally-defined code.	xs:normalizedString
Track	O	Low	The name, description, or code of the track that contains this term. This is used when there are multiple tracks within a school. For instance, kindergarten commonly has a different set of terms than other grades within the school.	xs:normalizedString
TermSpan	O	Low	What sort of Session this TermSpan equates to.	AUCodeSetsSessionTypeType
MarkingTerm	O	Low	Does this TermInfo represent a marking period?	AUCodeSetsYesOrNoCategoryType
SchedulingTerm	O	Low	Does this TermInfo represent a scheduling term?	AUCodeSetsYesOrNoCategoryType
AttendanceTerm	O	Low	Does this TermInfo represent an attendance term?	AUCodeSetsYesOrNoCategoryType
LocalCodeList	O	Low		LocalCodeListType
SIF_Metadata	O	Low		SIF_MetadataType
SIF_ExtendedElements	O	Low		SIF_ExtendedElementsType

Table 3.6.6-1: TermInfo

JSON 📋   **XML 📋**

```
<TermInfo RefId="7E59D751-01A8-0A70-0163-75DE097A0726">
  <SchoolInfoRefId>A2E35B35-9D75-101A-8C3D-00AA001A0000</SchoolInfoRefId>
  <SchoolYear>2012</SchoolYear>
  <StartDate>2012-01-05</StartDate>
  <EndDate>2012-04-01</EndDate>
  <Description>First Term 2012</Description>
  <RelativeDuration>0.2500</RelativeDuration>
  <TermCode>Sp2004</TermCode>
  <Track>PreK</Track>
  <TermSpan>0833</TermSpan>
</TermInfo>
```

Example 3.6.6-1: TermInfo

3.7 Finance
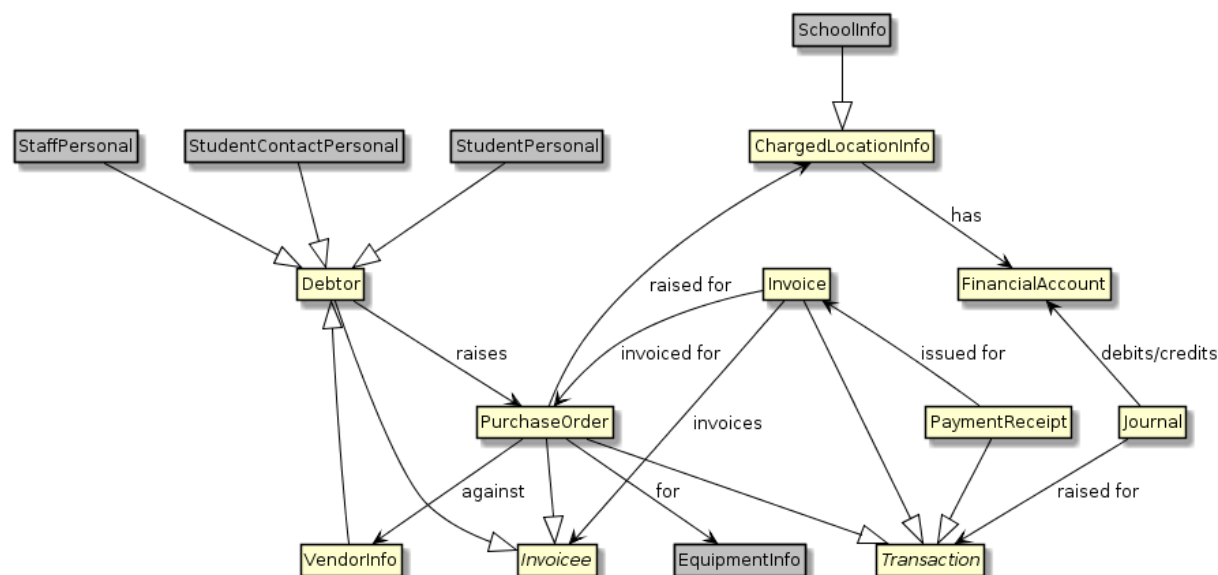
A set of objects to support the transfer of financial information representing, and not an accounting package. The assumption is that SIF is required only to exchange information about individual transactions (e.g. purchase orders, invoices, receipts, journals), and that reporting will be done out of existing applications—although those reports may be based on the transactional information received through SIF

3.7.1 ChargedLocationInfo

ChargedLocationInfo represents a location in a school system. It can be used to associate accounts and purchase orders with particular schools or other cost centres.

SIF_Events are reported for this object.
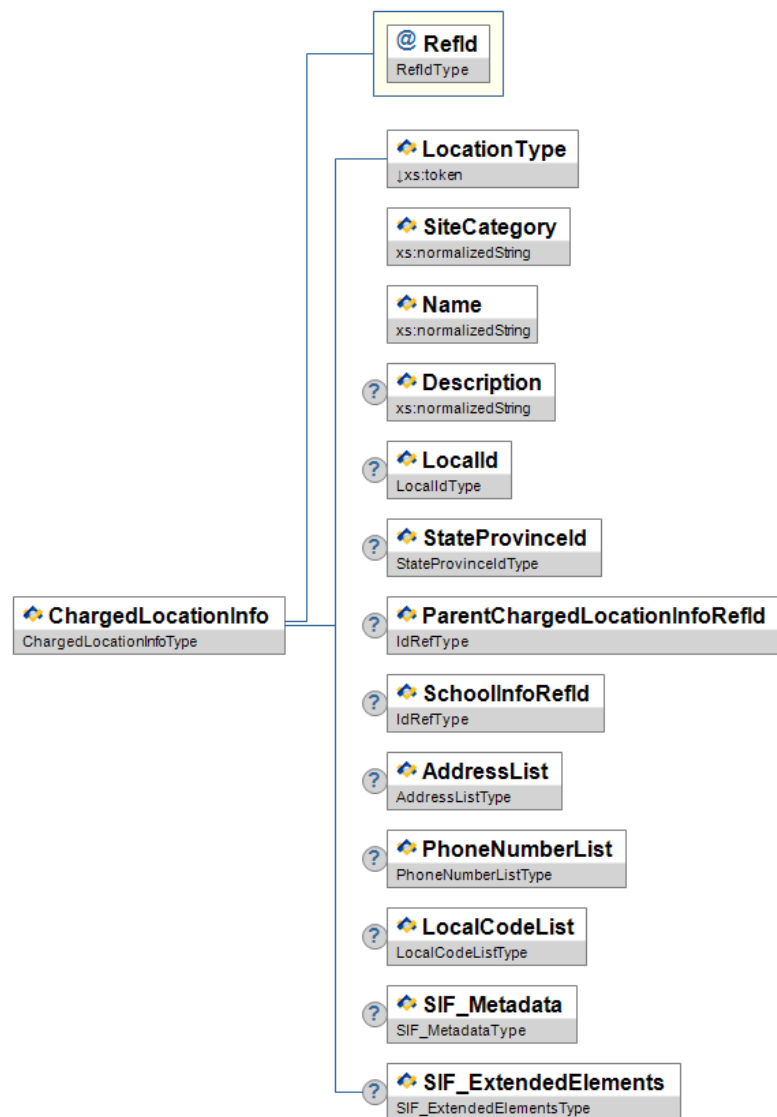
Figure 3.7.1-1: ChargedLocationInfo

	Element/@Attribute	Char	Privacy Rating	Description	Type
	ChargedLocationInfo		Low	ChargedLocationInfo represents a location in a school system. It can be used to associate accounts and purchase orders with particular schools or other cost centres.	
@ 🔑	RefId	M	Low	The SIF unique identifier for the location.	`RefIdType`
	LocationType	M	Low	Defines whether the location is a school or a non-school location.	**values:** `School` `NonSchool`
	SiteCategory	M	Low	Specific site category. **Examples** `Prep Site` `Satellite` `Central Kitchen` `Warehouse` `Storage` `Central Office` `Other`	`xs:normalizedString`
	Name	M	Low	Text name of the location.	`xs:normalizedString`
	Description	O	Low	Description about the location.	`xs:normalizedString`
	LocalId	O	Low	The locally-assigned identifier for this location.	`LocalIdType`
	StateProvinceId	O	Low	The state-assigned identifier for this location.	`StateProvinceIdType`
	ParentChargedLocationInfoRefId	O	Low	A ChargedLocationInfo instance could be related to another ChargedLocationInfo. This element will help create that relation.	`IdRefType`
	SchoolInfoRefId	O	Low	The RefId of a corresponding SchoolInfo object.	`IdRefType`
	AddressList	O	Low	This element has the ChargedLocationInfo address information.	`AddressListType`
	PhoneNumberList	O	Low	The location's phone numbers.	`PhoneNumberListType`
	LocalCodeList	O	High		`LocalCodeListType`
	SIF_Metadata	O	Low		`SIF_MetadataType`
	SIF_ExtendedElements	O	Low		`SIF_ExtendedElementsType`

Table 3.7.1-1: ChargedLocationInfo

JSON 📋   **XML** 📋

```
<ChargedLocationInfo RefId="D3E34B35-9D75-101A-8C3D-00AA001A1652">
  <LocationType>School</LocationType>
  <SiteCategory>Other</SiteCategory>
  <Name>Lincoln High School</Name>
  <LocalId>2343LHS</LocalId>
</ChargedLocationInfo>
```

Example 3.7.1-1: ChargedLocation

3.7.2 Debtor

This object is used to capture general information about debtors.

SIF_Events are reported for this object.
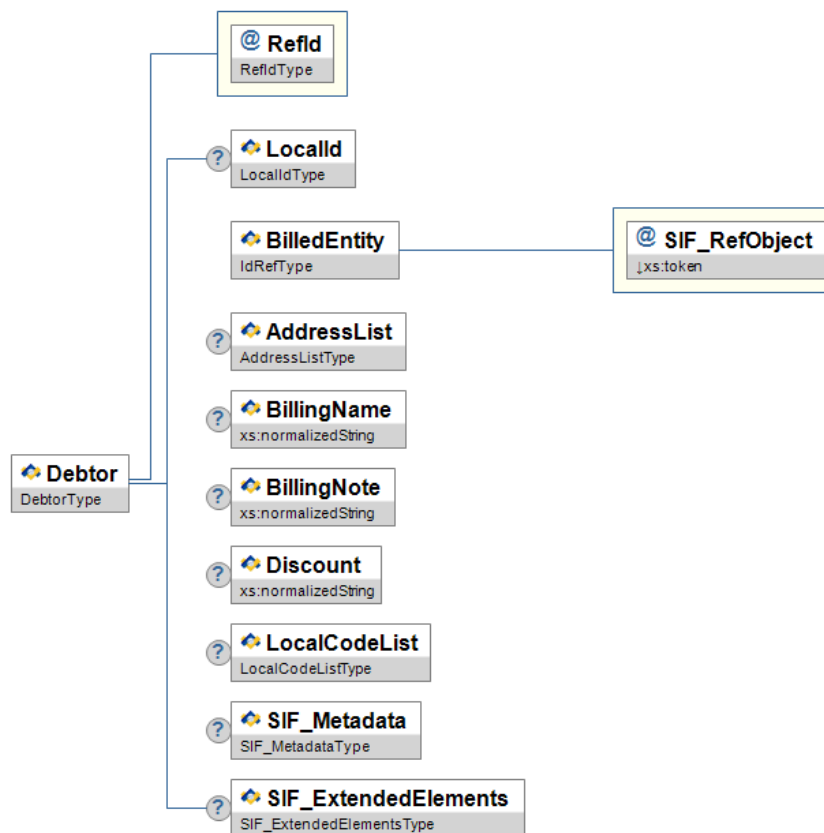
Figure 3.7.2-1: Debtor

Element/@Attribute	Char	Privacy Rating	Description	Type
Debtor		High	This object is used to capture general information about debtors.	
@ 🔑 RefId	M	High	Debtor Id.	`RefIdType`
LocalId	O	Low	The Local Id of this debtor.	`LocalIdType`
BilledEntity	M	High	Id of the entity referred to by this object (e.g., student, employee, organization).	`IdRefType`

@ SIF_RefObject	M	High	SIF object referenced by BilledEntity.	**values:**
				`StudentPersonal`
				`StudentContactPersonal`
				`StaffPersonal`
				`VendorInfo`

AddressList	O	High	Addresses of the debtor to be used for billing. These addresses override any addresses found in the Billed Entity.	`AddressListType`
BillingName	O	High	Name of the entity to be used for billing (e.g. company name rather than individual name).	`xs:normalizedString`
BillingNote	O	High	Note about billing requirements.	`xs:normalizedString`
Discount	O	High	Any discount amount applicable to this debtor (e.g. family discount for scholarship, number of children enrolled). Is a percentage.	`xs:normalizedString`
LocalCodeList	O	High		`LocalCodeListType`
SIF_Metadata	O	High		`SIF_MetadataType`
SIF_ExtendedElements	O	High		`SIF_ExtendedElementsType`

Table 3.7.2-1: Debtor

JSON 📋   XML 📋

```
<Debtor RefId="B5739375-800A-C4CC-6385-0BB2754114AA">
  <BilledEntity SIF_RefObject="StudentContactPersonal">8B231144-301C-4D3B-95D4-8BB74C866AE1</BilledEntity>
  <AddressList>
    <Address Type="0123" Role="2382">
      <Street>
        <Line1>23 E. 43rd St.</Line1>
      </Street>
      <City>Chicago</City>
      <StateProvince>IL</StateProvince>
      <Country>8104</Country>
      <PostalCode>60611</PostalCode>
    </Address>
  </AddressList>
  <BillingName>Flintstone Family Trust</BillingName>
  <BillingNote>Do not invoice under parent's real name.</BillingNote>
  <Discount>10.0</Discount>
</Debtor>
```

Example 3.7.2-1: Debtor

3.7.3 FinancialAccount

This object communicates information about a financial account.

SIF_Events are reported for this object.
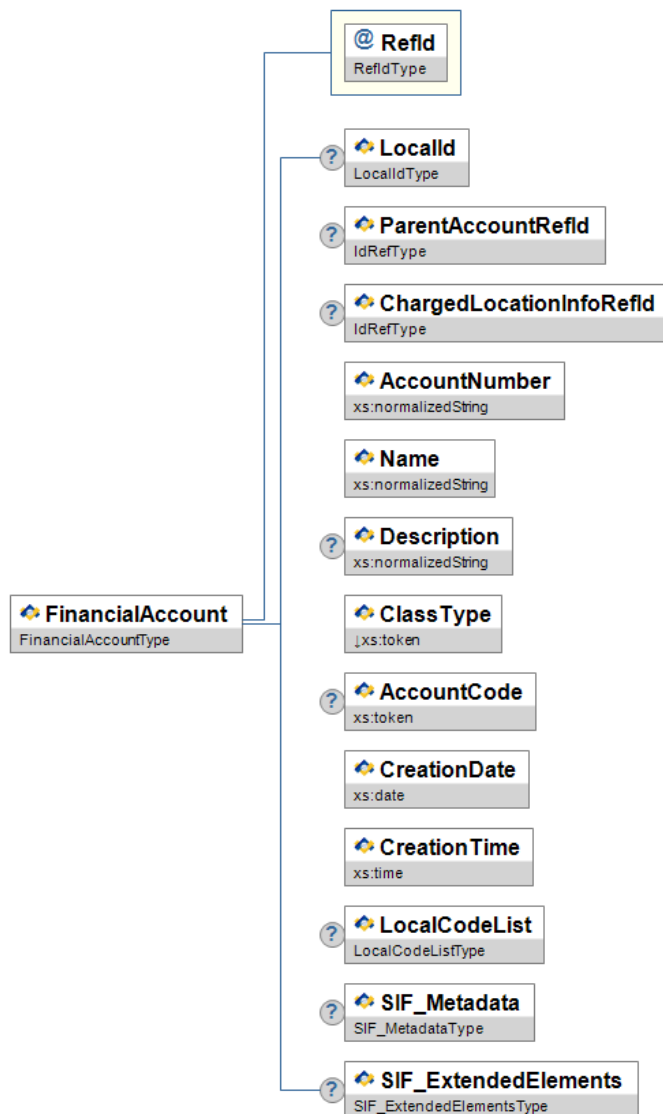
Figure 3.7.3-1: FinancialAccount

	Element/@Attribute	Char	Privacy Rating	Description	Type
	FinancialAccount		High	This object communicates information about a financial account.	
@ 🔑	RefId	M	High	GUID that identifies this financial account.	`RefIdType`
	LocalId	O	Low	The Local Id of Financial Account.	`LocalIdType`
	ParentAccountRefId	O	High	Identifier of a parent account of the account. Can be used to construct a hierarchical tree of nesting accounts, e.g. "Revenue" -- "Revenue-Grant" -- "Revenue-Grant-Commonwealth".	`IdRefType`
	ChargedLocationInfoRefId	O	High	Location associated with the account	`IdRefType`
	AccountNumber	M	High	Account number used for ledger.	`xs:normalizedString`
	Name	M	High	Name of the account.	`xs:normalizedString`
	Description	O	High	Description of the account.	`xs:normalizedString`
	ClassType	M	High	The class of the account	**values:** `Asset` `Liability` `Revenue` `Expense` `Other`
	AccountCode	O		Account code charged to this item.	`xs:token`
	CreationDate	M	High	Account creation date.	`xs:date`
	CreationTime	M	High	Account creation time.	`xs:time`
	LocalCodeList	O	High		`LocalCodeListType`
	SIF_Metadata	O	High		`SIF_MetadataType`
	SIF_ExtendedElements	O	High		`SIF_ExtendedElementsType`

Table 3.7.3-1: FinancialAccount

JSON 📋   **XML** 📋

```
<FinancialAccount RefId="EEC8FC12-8D2C-4EE3-94A8-6C5395024EDE">
  <LocalId>89001</LocalId>
  <AccountNumber>9990001</AccountNumber>
  <Name>Purchased Foods</Name>
  <Description>Purchased Foods</Description>
  <ClassType>Asset</ClassType>
  <AccountCode>001-002-0034</AccountCode>
  <CreationDate>2003-01-01</CreationDate>
  <CreationTime>04:32:23-08:00</CreationTime>
</FinancialAccount>
```

Example 3.7.3-1: FinancialAccount

3.7.4 Invoice

This object contains an amount to be invoiced to an outside entity (typically a creditor or debtor). This object can include school fees. The object is also used for payments to an outside entity (using debit amounts), where those payments are not for goods and services (PurchaseOrder object): e.g. credit notes, reimbursements, rebates.

SIF_Events are reported for this object.

@ RefId
RefIdType

LocalId
LocalIdType

InvoicedEntity
IdRefType

@ SIF_RefObject
↓xs:token

FormNumber
LocalIdType

BillingDate
xs:date

TransactionDescription
xs:normalizedString

BilledAmount
DebitOrCreditAmountType

Ledger
↓xs:token

ChargedLocationInfoRefId
IdRefType

NetAmount
MonetaryAmountType

TaxRate
xs:decimal

TaxType
xs:normalizedString

TaxAmount
MonetaryAmountType

Invoice
InvoiceType

CreatedBy
xs:normalizedString

ApprovedBy
xs:normalizedString

ItemDetail
xs:normalizedString

DueDate
xs:date

FinancialAccountRefIdList
FinancialAccountRefIdListType

AccountCodeList
AccountCodeListType

AccountingPeriod
LocalIdType

RelatedPurchaseOrderRefId
IdRefType

PurchasingItems
PurchasingItemsType

Voluntary
AUCodeSetsYesOrNoCategoryType

LocalCodeList
LocalCodeListType

Figure 3.7.4-1: Invoice

	Element/@Attribute	Char	Privacy Rating	Description	Type
	Invoice		High	This object contains an amount to be invoiced to an outside entity (typically a creditor or debtor). This object can include school fees. The object is also used for payments to an outside entity (using debit amounts), where those payments are not for goods and services (PurchaseOrder object): e.g. credit notes, reimbursements, rebates.	
@ 🔑	RefId	M	Low	GUID for this transaction. The application that owns this object is responsible for generating this unique Id.	RefIdType
	LocalId	O	Low	The Local Id of this Invoice.	LocalIdType
	InvoicedEntity	M	High	Id of the entity being billed for this billing activity.	IdRefType
@	SIF_RefObject	M	High	RefId of SIF object referenced by Invoiced Entity.	**values:** Debtor PurchaseOrder
	FormNumber	O	High	Invoice number assigned locally by the system issuing the invoice.	LocalIdType
	BillingDate	M	High	Date of the transaction.	xs:date
	TransactionDescription	M	High	Description of the transaction.	xs:normalizedString
	BilledAmount	M	High	Gross amount to be billed, including any tax. Can be credit (e.g. for family credit notes, reimbursements, rebates).	DebitOrCreditAmountType
	Ledger	M	High	The associated ledger for this transaction	**values:** Creditor Family Sundry
	ChargedLocationInfoRefId	O	High	Id of the location billed for this billing activity.	IdRefType
	NetAmount	O	High	Net amount billed, excluding any tax. Should be BilledAmount minus TaxAmount.	MonetaryAmountType
	TaxRate	O	High	Rate of tax included in the billed amount.	xs:decimal
	TaxType	O	High	Tax type (e.g. G11 vs NP6)	xs:normalizedString
	TaxAmount	O	High	Amount of tax included in the billed amount	MonetaryAmountType
	CreatedBy	O	Low	Authority or person who created the invoice	xs:normalizedString
	ApprovedBy	O	Low	Authority or person who approved the invoice	xs:normalizedString
	ItemDetail	O	High	Details of items invoiced (free text)	xs:normalizedString
	DueDate	O	High	Due date for payment.	xs:date
	FinancialAccountRefIdList	O	High	List of RefIds of the Associated Financial Accounts.	FinancialAccountRefIdListType

Element/@Attribute	Char	Privacy Rating	Description	Type
AccountCodeList	O	High	List of Codes of the Associated Financial Accounts.	AccountCodeListType
AccountingPeriod	O	Low	The accounting period against which the transaction is billed.	LocalIdType
RelatedPurchaseOrderRefId	O	High	An invoice purchase order related to this invoice (e.g. an invoice raised for the delivery of goods on a purchase order).	IdRefType
PurchasingItems	O	High	Listing of line items from original purchase order. Included to indicate any variation between the items, item cost, or item quantity ordered, and what has been delivered.	PurchasingItemsType
Voluntary	O	High	Whether the billing is voluntary (applies to some school fees).	AUCodeSetsYesOrNoCategoryType
LocalCodeList	O	High		LocalCodeListType
SIF_Metadata	O	High		SIF_MetadataType
SIF_ExtendedElements	O	High		SIF_ExtendedElementsType

Table 3.7.4-1: Invoice

JSON 📋   **XML** 📋

```xml
<Invoice RefId="CA123458-47DE-A974-63FE-B238759FD123">
   <InvoicedEntity SIF_RefObject="Debtor">BA497254-965F-DA48-965A-BCE4589EA421</InvoicedEntity>
   <BillingDate>1999-10-12</BillingDate>
   <TransactionDescription>Activity Fees</TransactionDescription>
   <BilledAmount Type="Debit" Currency="AUD">50.00</BilledAmount>
   <Ledger>Family</Ledger>
   <TaxRate>10.0</TaxRate>
   <TaxAmount Currency="AUD">5.00</TaxAmount>
   <CreatedBy>Peter Rabbit</CreatedBy>
   <ApprovedBy>Fred Flintstone</ApprovedBy>
   <ItemDetail>5 Widgets</ItemDetail>
   <FinancialAccountRefIdList>
      <FinancialAccountRefId>AE109F1A-C2DE-41E4-9DF5-C418F3DF18A8</FinancialAccountRefId>
   </FinancialAccountRefIdList>
   <AccountingPeriod>200004</AccountingPeriod>
</Invoice>
```

Example 3.7.4-1: Invoice

3.7.5 Journal

This object is used to adjust balances between accounts. It is typically used to correct chart of account coding errors (e.g. created invoices for parents against the maths chart of account code when it should have been English).

SIF_Events are reported for this object.
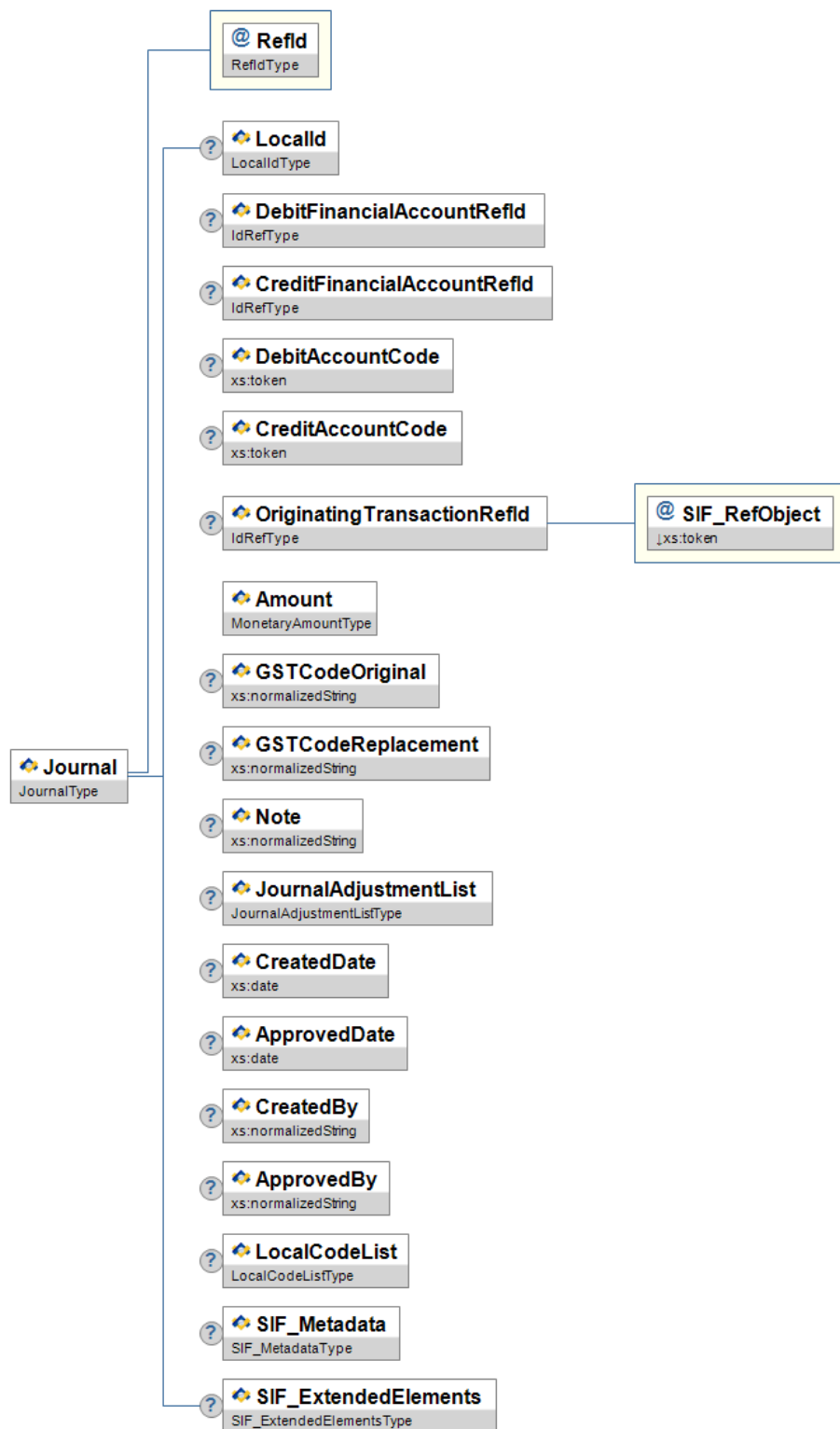
Figure 3.7.5-1: Journal

	Element/@Attribute	Char	Privacy Rating	Description	Type
	Journal		High	This object is used to adjust balances between accounts. It is typically used to correct chart of account coding errors (e.g. created invoices for parents against the maths chart of account code when it should have been English).	
@ 🔑	RefId	M	High	Journal Id.	RefIdType
	LocalId	O	Low	The Local Id of the journal.	LocalIdType
	DebitFinancialAccountRefId	O	High	RefId of account to debit.	IdRefType
	CreditFinancialAccountRefId	O	High	RefId of account to credit.	IdRefType
	DebitAccountCode	O	High	Account to debit.	xs:token
	CreditAccountCode	O	High	Account to credit.	xs:token
	OriginatingTransactionRefId	O	High	RefId of the originating transaction which requires adjustment. This could be an Invoice, PaymentReceipt or PurchaseOrder.	IdRefType
@	SIF_RefObject	M	High		**values:** Invoice PaymentReceipt PurchaseOrder
	Amount	M	High	Amount to transfer between the two accounts.	MonetaryAmountType
	GSTCodeOriginal	O	High	Original GST code for journal transfer (if required).	xs:normalizedString
	GSTCodeReplacement	O	High	Replacement GST code for journal transfer (if required).	xs:normalizedString
	Note	O	High	Note about the journal.	xs:normalizedString
	JournalAdjustmentList	O	High	Details of the Adjustment if it requires more than one line.	JournalAdjustmentListType
	CreatedDate	O	Low	Date on which journal was created.	xs:date
	ApprovedDate	O	Low	Date on which journal was approved.	xs:date
	CreatedBy	O	Low	Authority or person who created the journal.	xs:normalizedString
	ApprovedBy	O	Low	Authority or person who approved the journal.	xs:normalizedString
	LocalCodeList	O	High		LocalCodeListType
	SIF_Metadata	O	High		SIF_MetadataType
	SIF_ExtendedElements	O	High		SIF_ExtendedElementsType

Table 3.7.5-1: Journal

JSON 📋   **XML** 📋

```
<Journal RefId="B5739375-800A-C4CC-6385-0BB2754114AA">
  <DebitFinancialAccountRefId>8B231144-301C-4D3B-95D4-8BB74C866AE1</DebitFinancialAccountRefId>
  <CreditFinancialAccountRefId>B7A34E56-1C97-345C-0A4E-11BB112B2753</CreditFinancialAccountRefId>
  <Amount Currency="AUD">7.00</Amount>
  <CreatedDate>2015-02-01</CreatedDate>
  <CreatedBy>Fred Flintstone</CreatedBy>
</Journal>
```

Example 3.7.5-1: Journal

3.7.6 PaymentReceipt

This object complements the Invoice object, and contains information about the payment of an Invoice object.

SIF_Events are reported for this object.
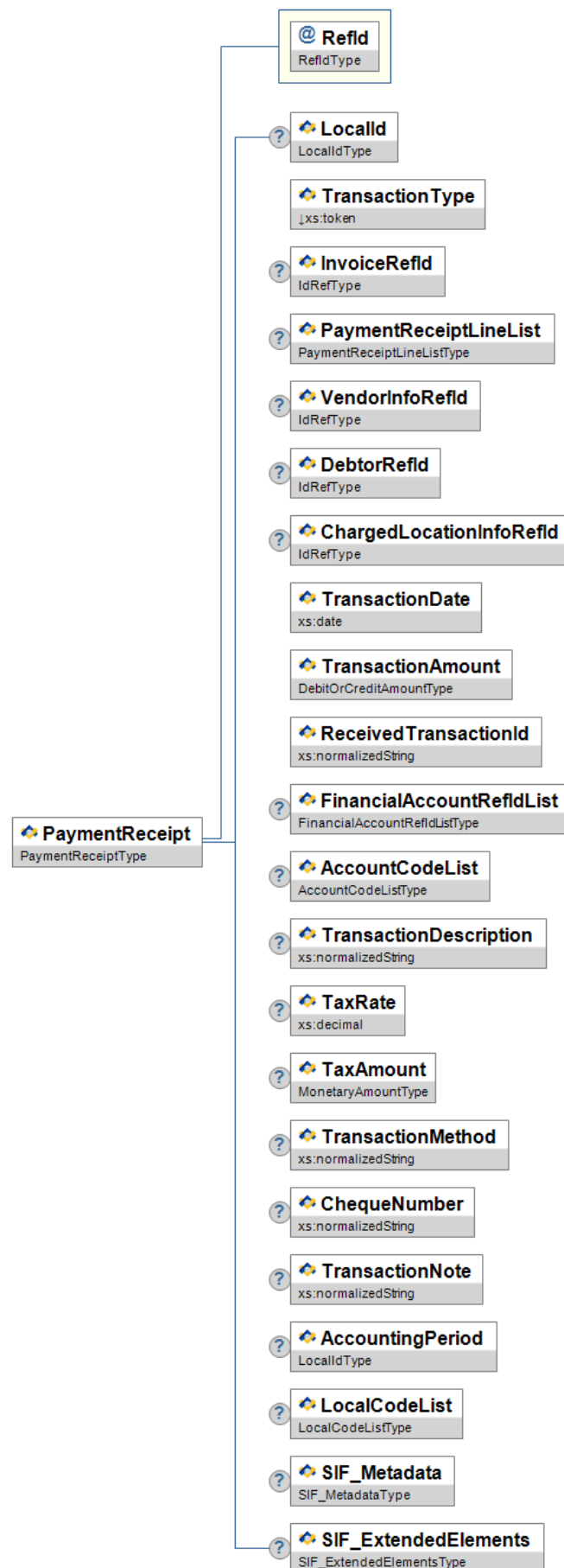
Figure 3.7.6-1: PaymentReceipt

Element/@Attribute	Char	Privacy Rating	Description	Type
PaymentReceipt		High	This object complements the Invoice object, and contains information about the payment of an Invoice object.	
@ 🔑 RefId	M	High	GUID for this payment or receipt. The application that owns this object is responsible for generating this unique Id.	RefIdType
LocalId	O	Low	The Local Id of this payment or receipt.	LocalIdType
TransactionType	M	High	Type of transaction.	**values:** GL receipt GL payment Creditor receipt Creditor payment Debtor receipt Debtor payment Creditor Reverse Payment Creditor Reverse Receipt GL Reverse Payment GL Reverse Receipt Debtor Reverse Payment Debtor Reverse Receipt Employee Payroll
InvoiceRefId	O	High	A pointer back to the Invoice object corresponding to this payment. Is omitted for general ledger transactions, creditor receipts and debtor payments. To be used if this payment is only for one invoice.	IdRefType
PaymentReceiptLineList	O	High	A List of pointers back to the Invoice object corresponding to this payment. Is omitted for general ledger transactions, creditor receipts and debtor payments. To be used when this payment is associated with more than one invoice.	PaymentReceiptLineListType
VendorInfoRefId	O	High	A pointer back to the vendor associated with the Invoice object, if applicable.	IdRefType
DebtorRefId	O	High	A pointer back to the debtor associated with the Invoice object, if applicable.	IdRefType
ChargedLocationInfoRefId	O	High	Id of the location billed for this transaction.	IdRefType
TransactionDate	M	High	Date transaction was made.	xs:date
TransactionAmount	M	High	Amount received.	DebitOrCreditAmountType
ReceivedTransactionId	M	High	Memo transaction Id from other vendor software.	xs:normalizedString
FinancialAccountRefIdList	O	High	List of RefIds of financial account codes.	FinancialAccountRefIdListType
AccountCodeList	O	High	List of financial account codes.	AccountCodeListType
TransactionDescription	O	High	Description of the transaction.	xs:normalizedString
TaxRate	O	High	Rate of tax included in the billed amount.	xs:decimal
TaxAmount	O	High	Amount of tax included in the billed amount.	MonetaryAmountType
TransactionMethod	O	High	Method through which transaction was made (e.g. cash, credit card). If a receipt is made using two receipt methods (e.g. $20 in cash and $80 on credit), two PaymentReceipt objects are expected to be created, rather than a single object with mixed receipt method.	xs:normalizedString

Element/@Attribute	Char	Privacy Rating	Description	Type
ChequeNumber	O	High	The cheque number issued, if paying creditors by cheque.	xs:normalizedString
TransactionNote	O	High	Note about the receipt or payment.	xs:normalizedString
AccountingPeriod	O	High	The accounting period against which the transaction is billed.	LocalIdType
LocalCodeList	O	High		LocalCodeListType
SIF_Metadata	O	High		SIF_MetadataType
SIF_ExtendedElements	O	High		SIF_ExtendedElementsType

Table 3.7.6-1: PaymentReceipt

JSON 📋   **XML** 📋

```
<PaymentReceipt RefId="EDF4985A-BC34-58FE-DA75-493AB3812345">
  <TransactionType>GL payment</TransactionType>
  <InvoiceRefId>CA123458-47DE-A974-63FE-B238759FD123</InvoiceRefId>
  <TransactionDate>1999-10-20</TransactionDate>
  <TransactionAmount Currency="AUD" Type="Debit">50.00</TransactionAmount>
  <ReceivedTransactionId>XYZZY</ReceivedTransactionId>
  <FinancialAccountRefIdList>
    <FinancialAccountRefId>ED12345F-DA84-9727-5BC2-8AA349DD3721</FinancialAccountRefId>
  </FinancialAccountRefIdList>
</PaymentReceipt>
```

Example 3.7.6-1: PaymentReceipt

3.7.7 PurchaseOrder

This object provides information down to the line item level for purchase orders.

SIF_Events are reported for this object.
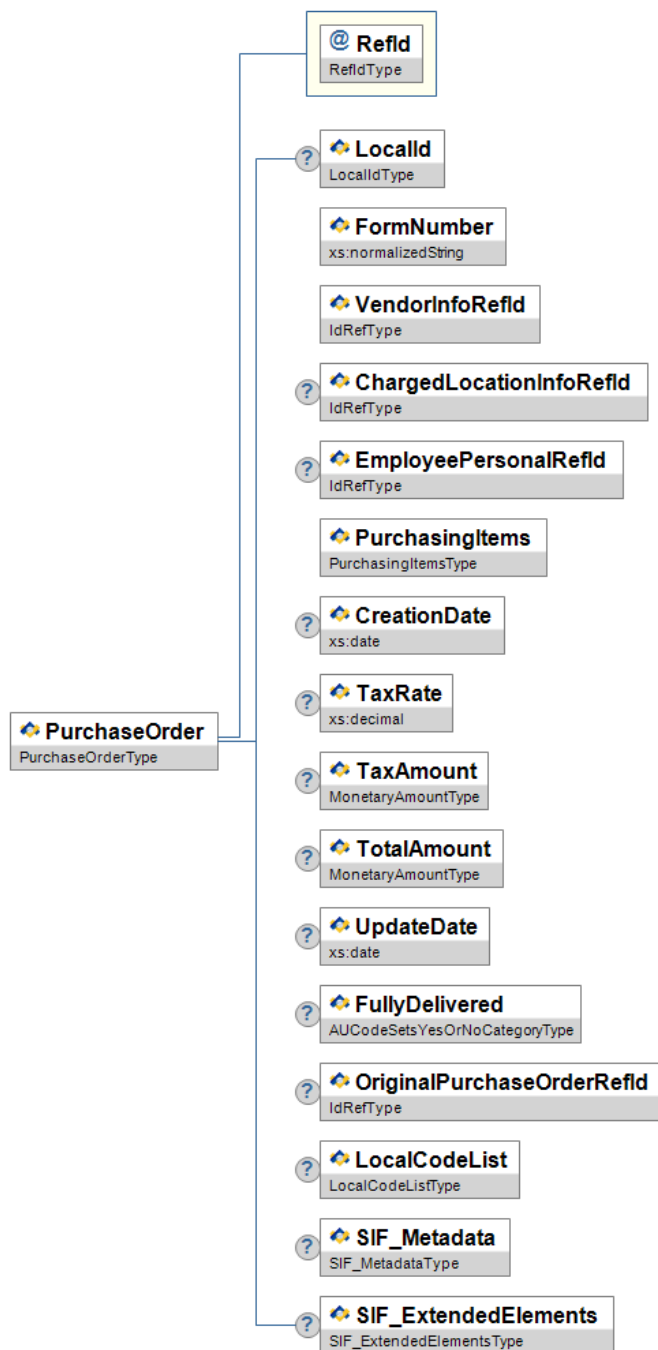
Figure 3.7.7-1: PurchaseOrder

	Element/@Attribute	Char	Privacy Rating	Description	Type
	PurchaseOrder		Low	This object provides information down to the line item level for purchase orders.	
@ 🔑	RefId	M	Low	Transaction GUID for this purchasing activity. The application that owns this object and is responsible for generating this unique Id.	RefIdType
	LocalId	O	Low	The Local Id of this purchase order.	LocalIdType
	FormNumber	M	Low	Purchase order number.	xs:normalizedString
	VendorInfoRefId	M	Low	This object references the VendorInfo object being billed.	IdRefType
	ChargedLocationInfoRefId	O	Low	The location Id for this purchasing activity.	IdRefType
	EmployeePersonalRefId	O	Low	The employee Id for the originator of this purchasing activity.	IdRefType
	PurchasingItems	M	Low	Information about the item/s delivered.	PurchasingItemsType
	CreationDate	O	Low	Date on which purchase order was created.	xs:date
	TaxRate	O	Low	Rate of tax included in the billed amount.	xs:decimal
	TaxAmount	O	Low	Amount of tax included in the billed amount.	MonetaryAmountType
	TotalAmount	O	Low	Total amount billed.	MonetaryAmountType
	UpdateDate	O	Low	Date on which the object was last updated.	xs:date
	FullyDelivered	O	Low	Flag that order has been fully delivered.	AUCodeSetsYesOrNoCategoryType
	OriginalPurchaseOrderRefId	O	Low	Original purchase order that this purchase order updates (e.g. to cancel line items).	IdRefType
	LocalCodeList	O	High		LocalCodeListType
	SIF_Metadata	O	Low		SIF_MetadataType
	SIF_ExtendedElements	O	Low		SIF_ExtendedElementsType

Table 3.7.7-1: PurchaseOrder

JSON 📋   **XML** 📋

```
<PurchaseOrder RefId="ED12345F-DA84-9727-5BC2-8AA349DD3721">
  <FormNumber>00342</FormNumber>
  <VendorInfoRefId>BD12345F-DA84-9727-5BC2-8AA349DD3723</VendorInfoRefId>
  <ChargedLocationInfoRefId>ED12345F-DA84-9727-5BC2-8AA349DD3722</ChargedLocationInfoRefId>
  <EmployeePersonalRefId>AD12345F-DA84-9727-5BC2-8AA349DD3721</EmployeePersonalRefId>
  <PurchasingItems>
    <PurchasingItem>
      <ItemNumber>154486</ItemNumber>
      <ItemDescription>Floor Wax</ItemDescription>
      <Quantity>10</Quantity>
      <UnitCost Currency="AUD">7.00</UnitCost>
      <ExpenseAccounts>
        <ExpenseAccount>
          <AccountCode>10-1100-610</AccountCode>
          <Amount Currency="AUD">70.00</Amount>
        </ExpenseAccount>
      </ExpenseAccounts>
    </PurchasingItem>
  </PurchasingItems>
</PurchaseOrder>
```
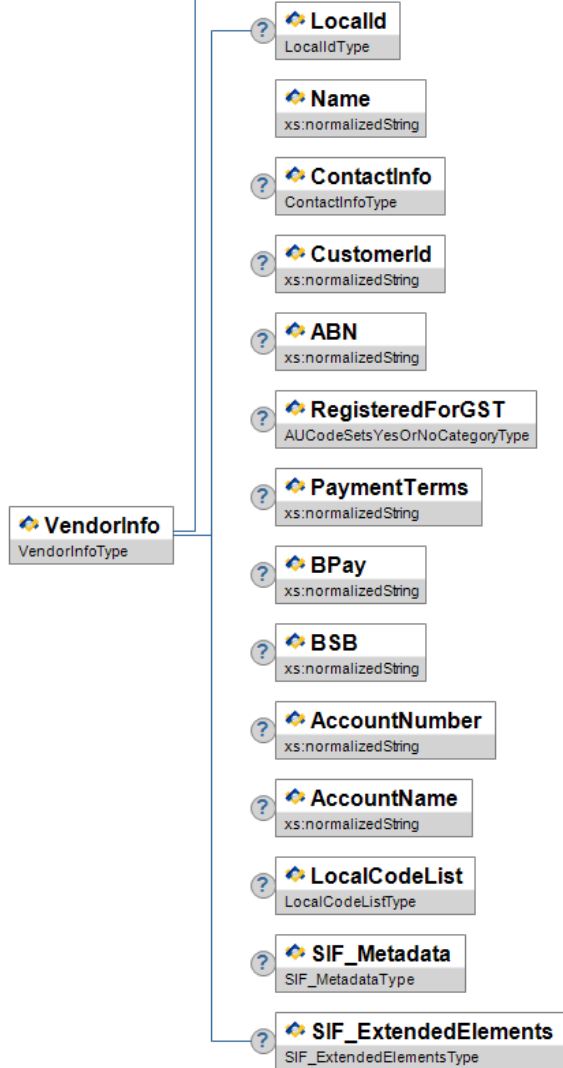

Figure 3.7.8-1: VendorInfo

Element/@Attribute	Char	Privacy Rating	Description	Type
VendorInfo		Low	This object contains basic vendor information (commonly known as creditors).	
@ RefId	M	Low	Vendor Id.	RefIdType
LocalId	O	Low	The Local Id of this vendor.	LocalIdType
Name	M	Low	Name of the vendor.	xs:normalizedString
ContactInfo	O	Low	Contact information.	ContactInfoType
CustomerId	O	Low	Account number or other Id.	xs:normalizedString
ABN	O	Low	Australian Business Number.	xs:normalizedString
RegisteredForGST	O	Low	The vendor is registered to collect GST.	AUCodeSetsYesOrNoCategoryType
PaymentTerms	O	Low	The vendors payment terms (typically expressed as number of days e.g. 14 days).	xs:normalizedString
BPay	O	Low	BPay Id.	xs:normalizedString
BSB	O	Low	Vendor's BSB number.	xs:normalizedString
AccountNumber	O	Low	Vendor's account number.	xs:normalizedString
AccountName	O	Low	Vendor's account name.	xs:normalizedString
LocalCodeList	O	High		LocalCodeListType
SIF_Metadata	O	Low		SIF_MetadataType
SIF_ExtendedElements	O	Low		SIF_ExtendedElementsType

Table 3.7.8-1: VendorInfo

JSON 📄   **XML** 📄

```xml
<VendorInfo RefId="AB3647C5-6865-4CF4-5678-DD34EF564E22">
  <Name>ABC School Supply</Name>
  <ContactInfo>
    <Name Type="LGL">
      <FamilyName>Brown</FamilyName>
      <GivenName>James</GivenName>
    </Name>
    <Address Type="0123" Role="2382">
      <Street>
        <Line1>23 E. 43rd St.</Line1>
      </Street>
      <City>Chicago</City>
      <StateProvince>IL</StateProvince>
      <Country>8104</Country>
      <PostalCode>60611</PostalCode>
    </Address>
    <EmailList>
      <Email Type="01">jdr@ABC.com</Email>
    </EmailList>
    <PhoneNumberList>
      <PhoneNumber Type="0096">
        <Number>(312) 555-1234</Number>
      </PhoneNumber>
    </PhoneNumberList>
  </ContactInfo>
  <CustomerId>0023556</CustomerId>
  <ABN>56402325367</ABN>
  <RegisteredForGST>Y</RegisteredForGST>
</VendorInfo>
```

Example 3.7.8-1: VendorInfo

3.8 Learning Standards
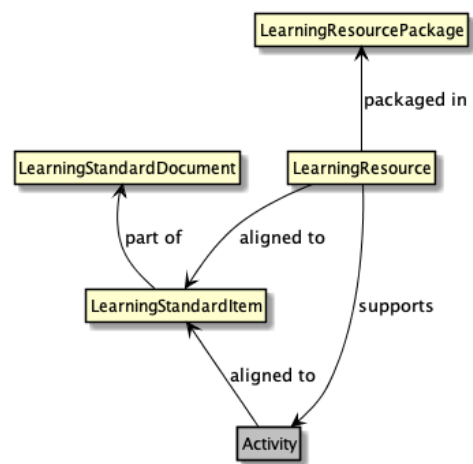
3.8.1 LearningResource

This object contains information related to learning resources that may be used in educational settings. These include textbooks, Internet content, educational software, videos and DVDs, supplemental print material, etc.

SIF_Events are reported for this object.
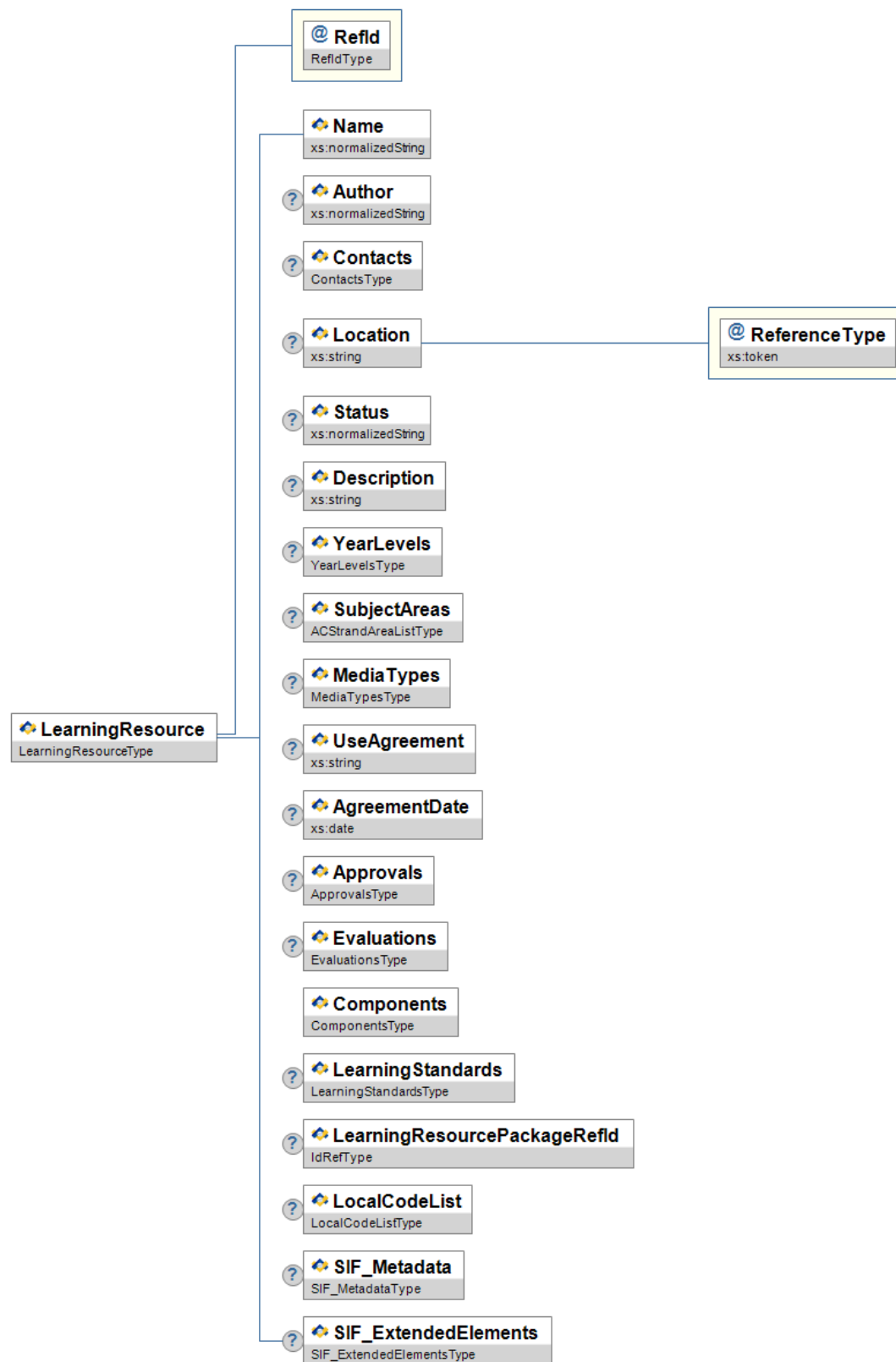
Figure 3.8.1-1: LearningResource

	Element/@Attribute	Char	Privacy Rating	Description	Type
	LearningResource		Low	This object contains information related to learning resources that may be used in educational settings. These include textbooks, Internet content, educational software, videos and DVDs, supplemental print material, etc.	
@🔑	RefId	M	Low	GUID assigned to this LearningResource.	`RefIdType`
	Name	M	Low	Name of learning resource.	`xs:normalizedString`
	Author	O	Low	Name of organization or company that created the resource.	`xs:normalizedString`
	Contacts	O	Low	Contains contact information about resource authors.	`ContactsType`
	Location	O	Low	Description of location of resource, i.e. location in library or URL, community resource, outside resource supplier.	`xs:string`
@	ReferenceType	M	Low	A qualifying attribute for the Location payload. If ReferenceType is "URI", the payload contains a web address where the resource can be found.	`xs:token`
	Status	O	Low	Describes availability status of resource, e.g. "checked out."	`xs:normalizedString`
	Description	O	Low	Description of the resource, e.g., "This textbook is intended for year 4 social studies students and addresses..."	`xs:string`
	YearLevels	O	Low	Year levels the resource is suitable for.	`YearLevelsType`
	SubjectAreas	O	Low	Subject areas the resource is suitable for.	`ACStrandAreaListType`
	MediaTypes	O	Low	Resource media types.	`MediaTypesType`
	UseAgreement	O	Low	Describes terms of use for resource.	`xs:string`
	AgreementDate	O	Low	A date that defines the date of agreement.	`xs:date`
	Approvals	O	Low	Authorizations to use this resource. For example, this resource may be included as part of the district's standard curriculum model.	`ApprovalsType`
	Evaluations	O	Low	Evaluations/review of the resource.	`EvaluationsType`
	Components	M	Low	Lesson or activity-sized portions of a resource.	`ComponentsType`
	LearningStandards	O	Low	References to LearningStandardItems.	`LearningStandardsType`
	LearningResourcePackageRefId	O	Low	Reference to a `LearningResourcePackage`, a transport envelope for teaching and learning object files.	`IdRefType`
	LocalCodeList	O	Low		`LocalCodeListType`
	SIF_Metadata	O	Low		`SIF_MetadataType`

	Element/@Attribute	Char	Privacy Rating	Description	Type
	SIF_ExtendedElements	O	Low		SIF_ExtendedElementsType

Table 3.8.1-1: LearningResource

JSON 📄   **XML** 📄

```
<LearningResource RefId="6938D88F-82A3-7EFD-8889-2429EC6AB1B5">
  <!--Lang>en</Lang-->
  <Name>A World of Music (Teacher Reference Sheet)</Name>
  <Author>The Queensland Performing Arts Edge</Author>
  <Contacts>
    <Contact>
      <Address Type="0123" Role="012A">
        <Street>
          <Line1>QPAC</Line1>
          <Line2>Southbank</Line2>
        </Street>
        <City>Brisbane</City>
        <StateProvince>QLD</StateProvince>
        <Country>1101</Country>
        <PostalCode>4002</PostalCode>
      </Address>
      <PhoneNumber Type="0096">
        <Number>(555) 555-1234</Number>
        <ListedStatus>Y</ListedStatus>
      </PhoneNumber>
      <Email Type="01">info@QPAC.edu.au</Email>
    </Contact>
  </Contacts>
  <Location ReferenceType="URI">http://www.artsedge/QPAC/curric/86_u_dreams/489_words.pdf</Location>
  <Status>Available</Status>
  <Description>Teacher Reference Sheet</Description>
  <YearLevels>
    <YearLevel>
      <Code>3</Code>
```

Example 3.8.1-1: LearningResource

3.8.2 LearningResourcePackage

Many instructional applications in a SIF zone need to share teaching and learning objects. Curriculum planning applications, content repositories, learning management systems, etc.—all of these systems need to share instructional content utilizing the `LearningResource` object.

The `LearningResourcePackage` object provides a transport envelope to move these files across the SIF zone.

Note: With SIF Implementation Specification version 2.4 the choice element depicted in the diagram below has changed. In the XSD files, the choice element used to be rendered as a sequence of optional elements. Now, in the XSD files, the choice element is rendered as an xs:choice. This may cause problems with agents that treat the choice element as two optional elements rather than a choice of one and only one of the choices.

SIF_Events are not reported for this object.
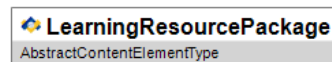
Figure 3.8.2-1: LearningResourcePackage

	Element/@Attribute	Char	Privacy Rating	Description	Type
	LearningResourcePackage		Low	A wrapper for any external learning content to be transmitted across a SIF Zone.	AbstractContentElementType

Table 3.8.2-1: LearningResourcePackage

JSON 📄   **XML** 📄

```
<LearningResourcePackage RefId="C7DE8668-5968-459F-BF9F-ED22A0E1EA6E">
  <BinaryData MIMEType="text/html;charset=utf-16">0000 0000 0010 0100</BinaryData>
</LearningResourcePackage>
```

Example 3.8.2-1: LearningResourcePackage

3.8.3 LearningStandardDocument

A curriculum standards document or the like published by a national, state, district, school site, professional association or other interested party. The LearningStandardDocument reflects an expectation of student work.

SIF_Events are reported for this object.
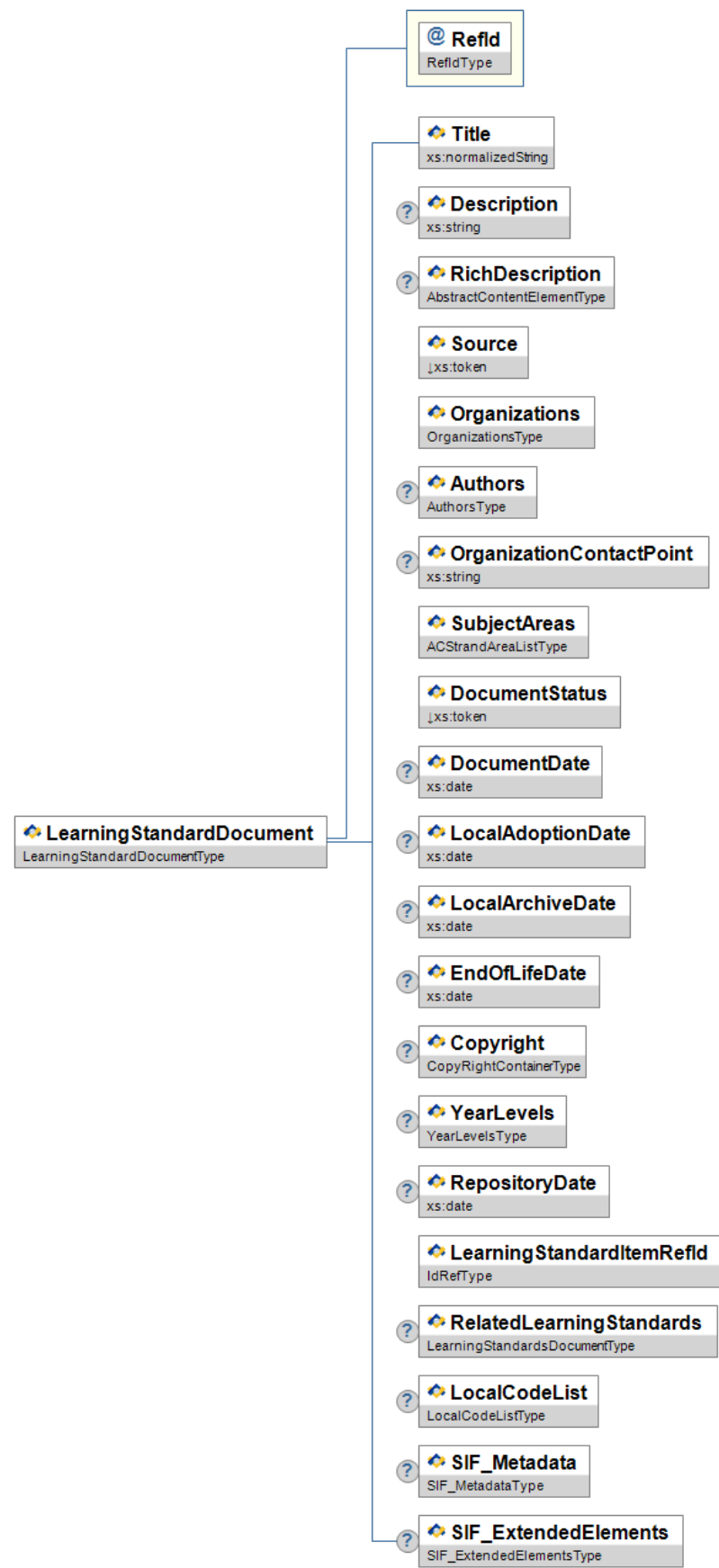
Figure 3.8.3-1: LearningStandardDocument

	Element/@Attribute	Char	Privacy Rating	Description	Type
	LearningStandardDocument		Low	A curriculum standards document or the like published by a national, state, district, school site, professional association or other interested party. The LearningStandardDocument reflects an expectation of student work.	
@ 🔑	RefId	M	Low	Id for the standards document	`RefIdType`
	Title	M	Low	Name of curriculum document, i.e., "NSW History Curriculum K-10."	`xs:normalizedString`
	Description	O	Low	Description of the standards document.	`xs:string`
	RichDescription	O	Low	Description of the curriculum document that allows pictures as well as text..	`AbstractContentElementType`

	Source	M	Low	Defines source of standard document. This is the descriptive type of the organization listed in `Organization`. It serves to describe the type of the standards contained within the document.	**values:**
					`National`
					`State`
					`Regional`
					`District`
					`Site`
					`Classroom`
					`Publisher`

	Organizations	M	Low	Name of organization represented by the document, i.e., "National Council of Teachers of Mathematics (NCTM)"," "ACARA", "NSW DET".	`OrganizationsType`
	Authors	O	Low	A list of the organisations of the curriculum document, i.e. "ACARA". May be the same as "Organization" above.	`AuthorsType`
	OrganizationContactPoint	O	Low	A brief description of how to contact the organization maintaining the standards. It could be a phone number, email address, or URL.	`xs:string`
	SubjectAreas	M	Low		`ACStrandAreaListType`

	DocumentStatus	M	Low	Current status of the document.	**values:**
					`Draft`
					`Adopted`
					`Archived`
					`Unknown`

	DocumentDate	O	Low	The date the current status was achieved.	`xs:date`
	LocalAdoptionDate	O	Low	The date the local organization adopted this standard document	`xs:date`
	LocalArchiveDate	O	Low	The date the local organization stopped using this standard document and superseded by a new document.	`xs:date`
	EndOfLifeDate	O	Low	This is the date that the governing organization retired this document.	`xs:date`
	Copyright	O	Low	Copyright for document.	`CopyRightContainerType`
	YearLevels	O	Low	SIF common YearLevels element	`YearLevelsType`
	RepositoryDate	O	Low	Date document data was added to the repository	`xs:date`
	LearningStandardItemRefId	M	Low	Link to the first/top LearningStandardItem in the standard hierarchy	`IdRefType`

Element/@Attribute	Char	Privacy Rating	Description	Type
RelatedLearningStandards	O	Low	References to Learning Standard Documents.	LearningStandardsDocumentType
LocalCodeList	O	Low		LocalCodeListType
SIF_Metadata	O	Low		SIF_MetadataType
SIF_ExtendedElements	O	Low		SIF_ExtendedElementsType

Table 3.8.3-1: LearningStandardDocument

JSON 📋　　**XML** 📋

```
<!--LearningStandardDocument RefId="A5A575C7-8917-5101-B8E7-F08ED123A823" xml:lang="en"--><LearningStandardDocument RefId="A5A575C7-8917-5101-B8E7-F08ED123A823">
  <Title>Australian National Curriculum: History</Title>
  <Description>
          AIMS: The aim of the History curriculum is to instil in students, an appreciation in the diversity of the past and how they inform current developmen
RATIONALE: History is essential for an informed citizenry and has always been a cornerstone of education.
    </Description>
  <Source>National</Source>
  <Organizations>
    <Organization>ACARA</Organization>
  </Organizations>
  <Authors>
    <Author>Joe Bloggs</Author>
  </Authors>
  <OrganizationContactPoint>http://www.acara.edu.au</OrganizationContactPoint>
  <SubjectAreas>
    <ACStrandSubjectArea>
      <ACStrand>H</ACStrand>
      <SubjectArea>
        <Code>Hist</Code>
        <OtherCodeList>
          <OtherCode Codeset="Text">History</OtherCode>
        </OtherCodeList>
      </SubjectArea>
    </ACStrandSubjectArea>
  </SubjectAreas>
  <DocumentStatus>Adopted</DocumentStatus>
  <DocumentDate>2010-04-15</DocumentDate>
  <LocalAdoptionDate>2011-01-06</LocalAdoptionDate>
  <EndOfLifeDate>2011-04-15</EndOfLifeDate>
```

Example 3.8.3-1: LearningStandardDocument

3.8.4 LearningStandardItem

This object contains information related to curriculum standards statements "standards" or "benchmarks" or the like within the document. Each LearningStandardItem reflects an individual standard statement and may occur at several levels within a hierarchially structured document.

SIF_Events are reported for this object.
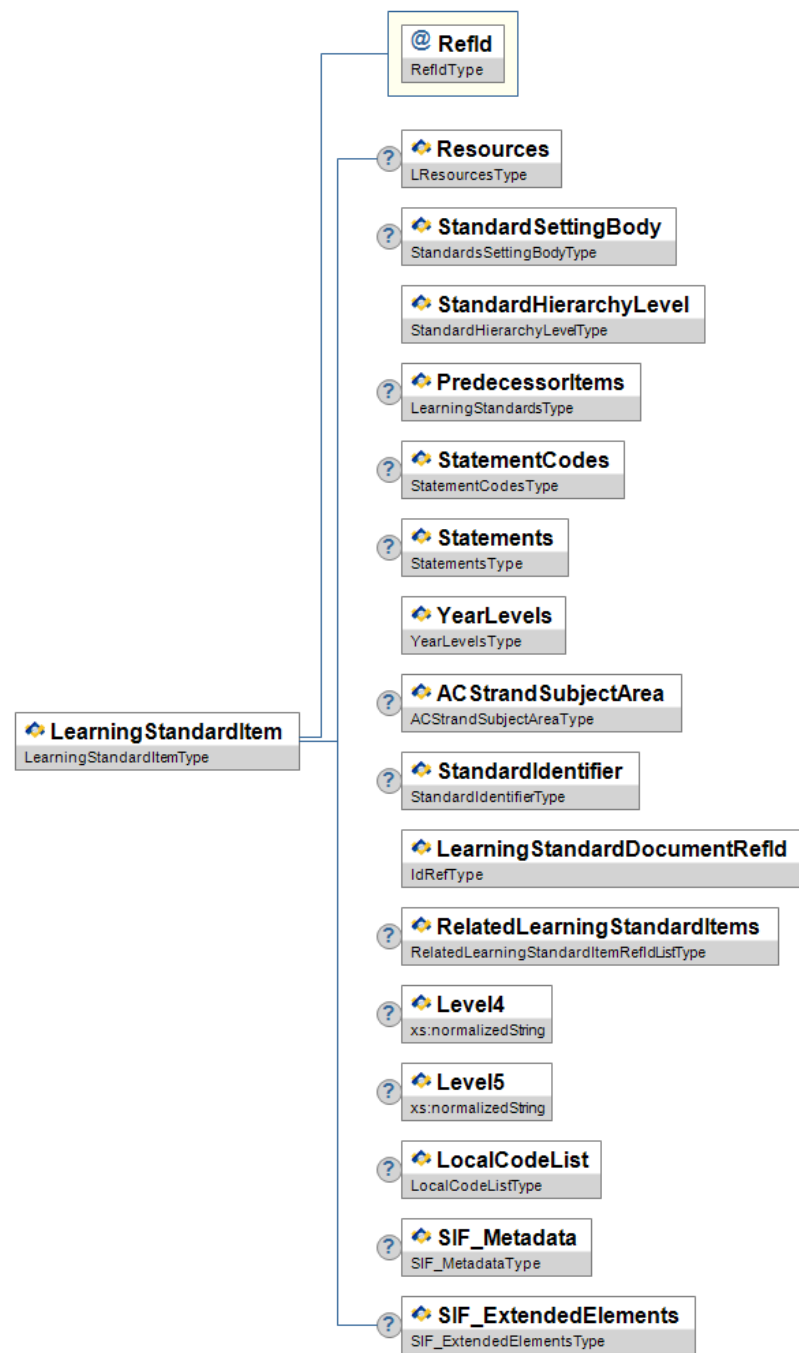
Figure 3.8.4-1: LearningStandardItem

	Element/@Attribute	Char	Privacy Rating	Description	Type
	LearningStandardItem		Low	This object contains information related to curriculum standards statements "standards" or "benchmarks" or the like within the document. Each LearningStandardItem reflects an individual standard statement and may occur at several levels within a hierarchially structured document.	
@ 🔑	RefId	M	Low	GUID assigned to each statement at each level within the document hierarchy	RefIdType
	Resources	O	Low	Container for related resources.	LResourcesType
	StandardSettingBody	O	Low	The name of the state or organization that authored and manages updates to the curriculum document (i.e., ACARA, NSW DET).	StandardsSettingBodyType
	StandardHierarchyLevel	M	Low	Description of hierarchical level within standards tree.	StandardHierarchyLevelType
	PredecessorItems	O	Low	GUID assigned to the LearningStandardItem directly above it in the hierarchy tree. This is a repeatable element because a single granular item may relate to multiple parent levels of the hierarchy. If the object has no parent, the ParentRefId should be the same as the object's RefId. The RefId in LearningStandardDocumentRefId will always point to the parent's LearningStandardDocument object.	LearningStandardsType
	StatementCodes	O	Low	An alphanumeric Id code as defined by the organization to identify the statement.	StatementCodesType
	Statements	O	Low	The text of the "outcome", "standard", or other element within the structured curriculum document.	StatementsType
	YearLevels	M	Low	A list of academic level or years.	YearLevelsType
	ACStrandSubjectArea	O	Low	Subject matter of a student's study as codified under the Australian Curriculum.	ACStrandSubjectAreaType
	StandardIdentifier	O	Low	This element describes the unique identifier for each LearningStandard.	StandardIdentifierType
	LearningStandardDocumentRefId	M	Low	The RefId of the item's parent LearningStandardDocument.	IdRefType
	RelatedLearningStandardItems	O	Low	Container for external relationships.	RelatedLearningStandardItemRefIdListType
	Level4	O	Low	This is the second to most granular level of the learning or performance standard associated with the grade level.	xs:normalizedString
	Level5	O	Low	This is the most granular level of the learning or performance standard associated with the grade level.	xs:normalizedString
	LocalCodeList	O	Low		LocalCodeListType
	SIF_Metadata	O	Low		SIF_MetadataType
	SIF_ExtendedElements	O	Low		SIF_ExtendedElementsType

Table 3.8.4-1: LearningStandardItem

JSON 📄   XML 📄

```
<LearningStandardItem RefId="A5D75F78-9175-101B-8C7E-08EA123A8234">
  <StandardSettingBody>
    <Country>1101</Country>
    <StateProvince>VIC</StateProvince>
    <SettingBodyName>DEECD</SettingBodyName>
  </StandardSettingBody>
  <StandardHierarchyLevel>
    <Number>3</Number>
    <Description>AchievementStandard</Description>
  </StandardHierarchyLevel>
  <PredecessorItems>
    <LearningStandardItemRefId>DE072A87-EFAD-4B77-8AF9-FAF83C94839E</LearningStandardItemRefId>
  </PredecessorItems>
  <StatementCodes>
    <StatementCode>Mathematics.2.03.a</StatementCode>
  </StatementCodes>
  <Statements>
    <Statement>Counting from 0 to 100 using whole numbers</Statement>
  </Statements>
  <YearLevels>
    <YearLevel>
      <Code>4</Code>
    </YearLevel>
    <YearLevel>
      <Code>5</Code>
    </YearLevel>
  </YearLevels>
  <ACStrandSubjectArea>
    <ACStrand>M</ACStrand>
```
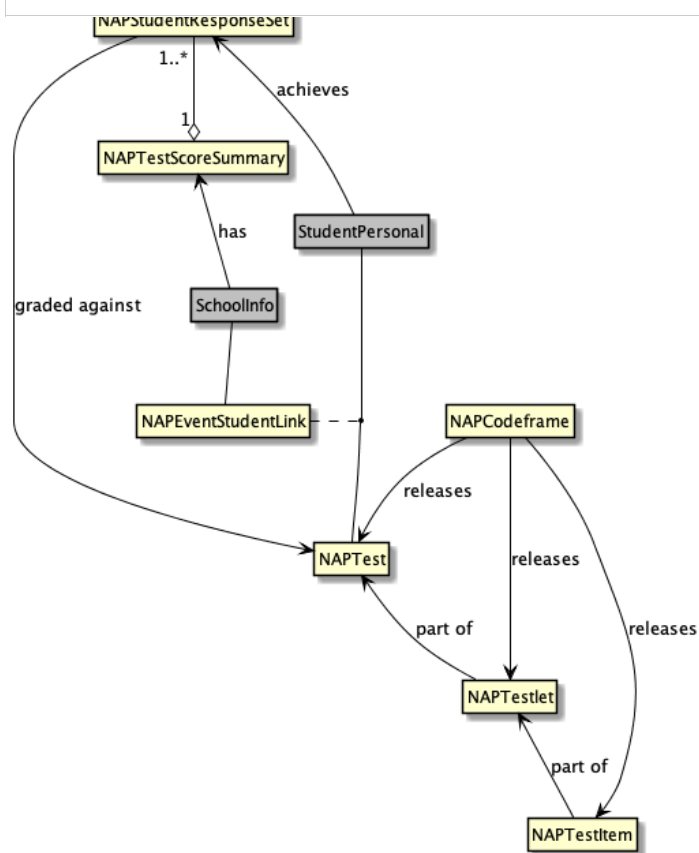

This diagram depicts the structure and connections between objects representing the NAPLAN Results and Reporting Data Set.

3.9.1 NAPCodeFrame

This object replicates the codeframe information about each NAPLAN test (per year level and domain), as a tree of GUIDs pointing to the relevant testlet and item/stimulus objects, so that the structure of the test can be traversed within one object.

SIF_Events are reported for this object.
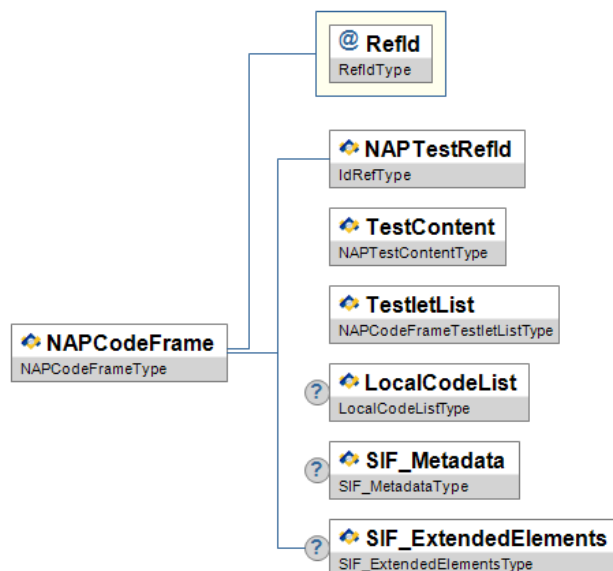
Figure 3.9.1-1: NAPCodeFrame

	Element/@Attribute	Char	Privacy Rating	Description	Type
	NAPCodeFrame		Low	This object replicates the codeframe information about each NAPLAN test (per year level and domain), as a tree of GUIDs pointing to the relevant testlet and item/stimulus objects, so that the structure of the test can be traversed within one object.	
@ 🔑	RefId	M	Low	The GUID that uniquely identifies an instance of the object.	`RefIdType`
	NAPTestRefId	M	Low	The GUID that identifies the associated NAP test object.	`IdRefType`
	TestContent	M	Low	Contents of an assessment assigned in the context of NAP, targeted at a particular domain and year level.	`NAPTestContentType`
	TestletList	M	Low	List of Testlets.	`NAPCodeFrameTestletListType`
	LocalCodeList	O	High	List of Local Codes.	`LocalCodeListType`
	SIF_Metadata	O	Low		`SIF_MetadataType`
	SIF_ExtendedElements	O	Low		`SIF_ExtendedElementsType`

Table 3.9.1-1: NAPCodeFrame

JSON XML

```xml
<NAPCodeFrame RefId="09381381-641E-4034-A54B-9A84D7B54426">
  <NAPTestRefId>CE9FFC50-33B4-4F19-8DD5-62579B681A63</NAPTestRefId>
  <TestContent>
    <NAPTestLocalId>NAPLAN-2017-0001-Reading</NAPTestLocalId>
    <TestName>NAPLAN Reading Yr 3, 2017</TestName>
    <TestLevel>
      <Code>3</Code>
    </TestLevel>
    <TestType>Normal</TestType>
    <Domain>Reading</Domain>
    <TestYear>2017</TestYear>
    <StagesCount>3</StagesCount>
    <DomainBands>
      <Band1Lower>0</Band1Lower>
      <Band1Upper>258</Band1Upper>
      <Band2Lower>258</Band2Lower>
      <Band2Upper>318</Band2Upper>
      <Band3Lower>318</Band3Lower>
      <Band3Upper>368</Band3Upper>
      <Band4Lower>368</Band4Lower>
      <Band4Upper>417</Band4Upper>
      <Band5Lower>417</Band5Lower>
      <Band5Upper>466</Band5Upper>
      <Band6Lower>466</Band6Lower>
      <Band6Upper>526</Band6Upper>
      <Band7Lower>526</Band7Lower>
      <Band7Upper>574</Band7Upper>
      <Band8Lower>574</Band8Lower>
      <Band8Upper>633</Band8Upper>
```

Example 3.9.1-1: NAPCodeFrame....example 1

3.9.2 NAPEventStudentLink

This object represents a student's attempt to undergo NAP assessment in a particular test.

SIF_Events are reported for this object.
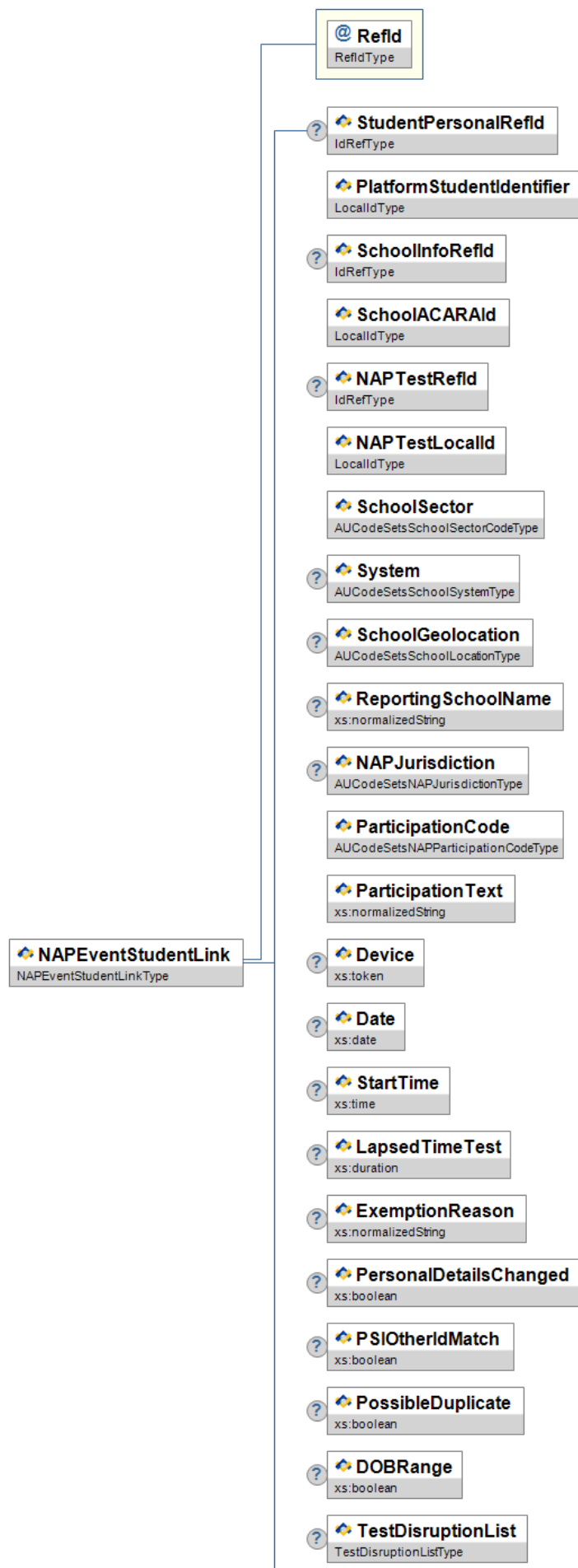
Figure 3.9.2-1: NAPEventStudentLink

	Element/@Attribute	Char	Privacy Rating	Description	Type
	NAPEventStudentLink		High	This object represents a student's attempt to undergo NAP assessment in a particular test.	
@ 🔑	RefId	M	Low	The GUID that uniquely identifies an instance of the object.	RefIdType
	StudentPersonalRefId	O	High	The student associated with the NAP event.	IdRefType
	PlatformStudentIdentifier	M	High	Platform student identifier, allocated by the National Assessment Platform to the student registration for this school enrollment.	LocalIdType
	SchoolInfoRefId	O	Low	Optional reference to a school associated with the NAP Event.	IdRefType
	SchoolACARAId	M	Low	The ACARA School Id for the school that the student sitting the test is enrolled in, as assigned in the Australian School List.	LocalIdType
	NAPTestRefId	O	Low	The GUID for the test that the student is sitting. May be linking to prior codeframe download.	IdRefType
	NAPTestLocalId	M	Low	Local identifier of NAP test.	LocalIdType
	SchoolSector	M	Low	(Government, or Non-Government).	AUCodeSetsSchoolSectorCodeType
	System	O	Low	System if a systemic school.	AUCodeSetsSchoolSystemType
	SchoolGeolocation	O	Low	School Location	AUCodeSetsSchoolLocationType
	ReportingSchoolName	O	Low	Name of school where reports will be sent to, in case of walk-ups	xs:normalizedString
	NAPJurisdiction	O	Low	School Location	AUCodeSetsNAPJurisdictionType
	ParticipationCode	M	High		AUCodeSetsNAPParticipationCodeType
	ParticipationText	M	High	Text added to reports indicating the participation status of the student for the NAP test. Determined by the Participation Code.	xs:normalizedString
	Device	O	Low	Device used to do the test.	xs:token
	Date	C	Low	Date test administered. Not provided unless the student was actually administered the test.	xs:date
	StartTime	C	Low	Time student commenced test. Not provided unless the student was actually administered the test.	xs:time
	LapsedTimeTest	C	High	Time taken for student to complete test. Not provided unless the student was actually administered the test.	xs:duration
	ExemptionReason	O	High	Reason given for student to be exempted from the NAP test.	xs:normalizedString

	Element/@Attribute	Char	Privacy Rating	Description	Type
	PersonalDetailsChanged	O	Low	Flag that the personal details of the student have changed since registration.	xs:boolean
	PSIOtherIdMatch	O	Low	Flag indicating possible Platform Student Identifier error.	xs:boolean
	PossibleDuplicate	O	Low	Flag indicating a possible duplicate record for a student.	xs:boolean
	DOBRange	O	High	Flag indicating whether a student's date of birth is in expected range.	xs:boolean
	TestDisruptionList	O	High	An event disrupting a test session.	TestDisruptionListType
	Adjustment	O	High	Adjustment information.	AdjustmentContainerType
	LocalCodeList	O	High	List of local codes.	LocalCodeListType
	SIF_Metadata	O	High		SIF_MetadataType
	SIF_ExtendedElements	O	High		SIF_ExtendedElementsType

Table 3.9.2-1: NAPEventStudentLink

JSON 📋   **XML** 📋

```xml
<NAPEventStudentLink RefId="2014F046-0C95-4613-8ACD-8A6CA8227C7A">
  <StudentPersonalRefId>2F71D7C1-29B2-4FAD-9DB7-9FD80DC8804A</StudentPersonalRefId>
  <PlatformStudentIdentifier>R100000004R</PlatformStudentIdentifier>
  <SchoolInfoRefId>19F9C467-D299-4A35-9825-2148BF39DB64</SchoolInfoRefId>
  <SchoolACARAId>21212</SchoolACARAId>
  <NAPTestRefId>5195A2E9-37CE-4F51-AEF2-9095D9CF97FA</NAPTestRefId>
  <NAPTestLocalId>NAPLAN-2017-0004-Language Conventions: Grammar and Punctuation</NAPTestLocalId>
  <SchoolSector>NG</SchoolSector>
  <System>0001</System>
  <SchoolGeolocation>11</SchoolGeolocation>
  <ReportingSchoolName>Podunk High School</ReportingSchoolName>
  <NAPJurisdiction>1</NAPJurisdiction>
  <ParticipationCode>P</ParticipationCode>
  <ParticipationText>Present</ParticipationText>
  <Device>iPad</Device>
  <Date>2017-06-01</Date>
  <StartTime>09:00:00</StartTime>
  <LapsedTimeTest>PT2H57M32S</LapsedTimeTest>
  <PersonalDetailsChanged>false</PersonalDetailsChanged>
  <PSIOtherIdMatch>false</PSIOtherIdMatch>
  <PossibleDuplicate>false</PossibleDuplicate>
  <DOBRange>false</DOBRange>
</NAPEventStudentLink>
```

Example 3.9.2-1: NAPEventStudentLink

3.9.3 NAPStudentResponseSet

Capture of student's responses to a NAP test.

SIF_Events are reported for this object.
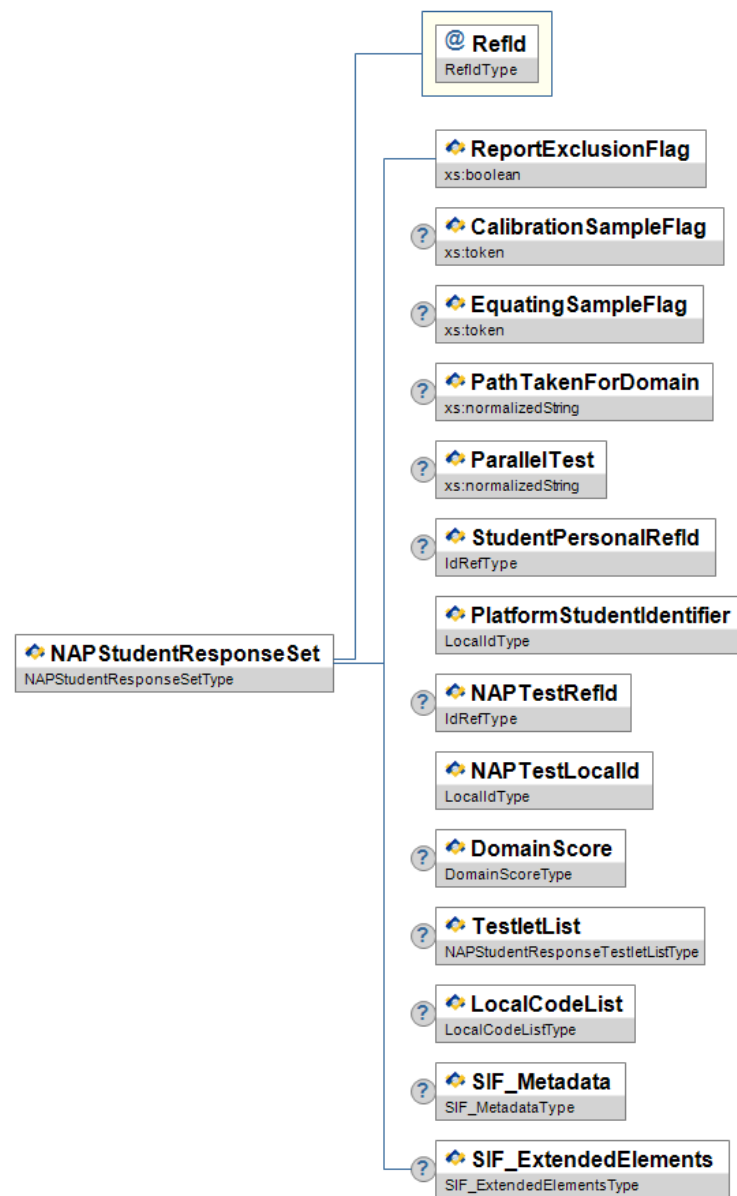
Figure 3.9.3-1: NAPStudentResponseSet

	Element/@Attribute	Char	Privacy Rating	Description	Type
	NAPStudentResponseSet		High	Capture of student's responses to a NAP test.	
@ 🔑	RefId	M		The GUID that uniquely identifies an instance of the object.	RefIdType
	ReportExclusionFlag	M	High	Flag to exclude this student's responses from National Reporting. If absent, student response is assumed to be excluded.	xs:boolean
	CalibrationSampleFlag	O	High	Flags at student level that the test responses given are to be treated as part of the Calibration Sample.	xs:token
	EquatingSampleFlag	O	High	Flags at student level that the test responses given are to be treated as part of the Equating Sample.	xs:token
	PathTakenForDomain	C	High	Student's trajectory through adaptive test for the domain. Expressed as a sequence of node identifiers. Not provided if test is not adaptive (e.g. Writing).	xs:normalizedString
	ParallelTest	C	High	Student's trajectory through adaptive test for the domain. Expressed as a sequence of testlet identifiers. Not provided if test is not adaptive (e.g. Writing).	xs:normalizedString
	StudentPersonalRefId	O	High	The student associated with the NAP event.	IdRefType
	PlatformStudentIdentifier	M	High	Platform student identifier, allocated by the National Assessment Platform to the student registration for this school enrollment.	LocalIdType
	NAPTestRefId	O	Low	The GUID for the test that the student is sitting. May be linking to prior codeframe download.	IdRefType
	NAPTestLocalId	M	Low	Local identifier of NAP test.	LocalIdType
	DomainScore	C	High	Overall score received in the NAP test. Contents are not populated if this is an empty object (sanctioned abandonment or refusal).	DomainScoreType
	TestletList	C	High	Conditional on Participation Code.	NAPStudentResponseTestletListType
	LocalCodeList	O	High		LocalCodeListType
	SIF_Metadata	O	High		SIF_MetadataType
	SIF_ExtendedElements	O	High		SIF_ExtendedElementsType

Table 3.9.3-1: NAPStudentResponseSet

JSON 📋   **XML** 📋

```
<NAPStudentResponseSet RefId="D90E7E40-33B2-44FA-9BA0-FAACA9D95487">
  <ReportExclusionFlag>false</ReportExclusionFlag>
  <CalibrationSampleFlag>false</CalibrationSampleFlag>
  <EquatingSampleFlag>false</EquatingSampleFlag>
  <PathTakenForDomain>A-D-F</PathTakenForDomain>
  <ParallelTest>A0-D1-F0</ParallelTest>
  <StudentPersonalRefId>2F71D7C1-29B2-4FAD-9DB7-9FD80DC8804A</StudentPersonalRefId>
  <PlatformStudentIdentifier>R100000004R</PlatformStudentIdentifier>
  <NAPTestRefId>615DD32A-A5A2-40A2-A417-187AE8F932EE</NAPTestRefId>
  <NAPTestLocalId>NAPLAN-2017-0001-Reading</NAPTestLocalId>
  <DomainScore>
    <RawScore>30.00</RawScore>
    <ScaledScoreValue>440.00</ScaledScoreValue>
    <ScaledScoreLogitValue>20.94</ScaledScoreLogitValue>
    <ScaledScoreStandardError>22.17</ScaledScoreStandardError>
    <ScaledScoreLogitStandardError>20.60</ScaledScoreLogitStandardError>
    <StudentDomainBand>6</StudentDomainBand>
    <StudentProficiency>Proficient</StudentProficiency>
    <PlausibleScaledValueList>
      <PlausibleScaledValue>14</PlausibleScaledValue>
      <PlausibleScaledValue>15</PlausibleScaledValue>
      <PlausibleScaledValue>16</PlausibleScaledValue>
      <PlausibleScaledValue>17</PlausibleScaledValue>
      <PlausibleScaledValue>18</PlausibleScaledValue>
    </PlausibleScaledValueList>
  </DomainScore>
  <TestletList>
    <Testlet>
      <NAPTestletRefId>1FD3A68E-530D-491F-920D-77F77074D159</NAPTestletRefId>
```
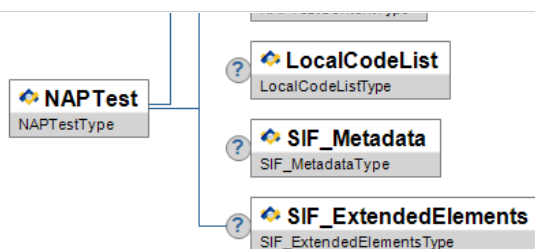
Figure 3.9.4-1: NAPTest

Element/@Attribute	Char	Privacy Rating	Description	Type
NAPTest		Low	This object represents an assessment assigned in the context of NAP, targeted at a particular domain and year level.	
@ RefId	M	Low	The GUID that uniquely identifies an instance of the object.	RefIdType
TestContent	M	Low	Contents of an assessment assigned in the context of NAP, targeted at a particular domain and year level.	NAPTestContentType
LocalCodeList	O	High	List of local codes.	LocalCodeListType
SIF_Metadata	O	Low		SIF_MetadataType
SIF_ExtendedElements	O	Low		SIF_ExtendedElementsType

Table 3.9.4-1: NAPTest

JSON   **XML**

```
<NAPTest RefId="27BD7B5B-19F2-48A9-B645-FD6569E7654E">
  <TestContent>
    <NAPTestLocalId>NAPLAN-2017-0001-Reading</NAPTestLocalId>
    <TestName>NAPLAN Reading Yr 3, 2017</TestName>
    <TestLevel>
      <Code>3</Code>
    </TestLevel>
    <TestType>Normal</TestType>
    <Domain>Reading</Domain>
    <TestYear>2017</TestYear>
    <StagesCount>3</StagesCount>
    <DomainBands>
      <Band1Lower>0</Band1Lower>
      <Band1Upper>258</Band1Upper>
      <Band2Lower>258</Band2Lower>
      <Band2Upper>318</Band2Upper>
      <Band3Lower>318</Band3Lower>
      <Band3Upper>368</Band3Upper>
      <Band4Lower>368</Band4Lower>
      <Band4Upper>417</Band4Upper>
      <Band5Lower>417</Band5Lower>
      <Band5Upper>466</Band5Upper>
      <Band6Lower>466</Band6Lower>
      <Band6Upper>526</Band6Upper>
      <Band7Lower>526</Band7Lower>
      <Band7Upper>574</Band7Upper>
      <Band8Lower>574</Band8Lower>
      <Band8Upper>633</Band8Upper>
      <Band9Lower>633</Band9Lower>
```

Example 3.9.4-1: NAPTest

3.9.5 NAPTestItem

This object represents the description of a test item as context for response; may be exemplar item instead of the actual item.

SIF_Events are reported for this object.
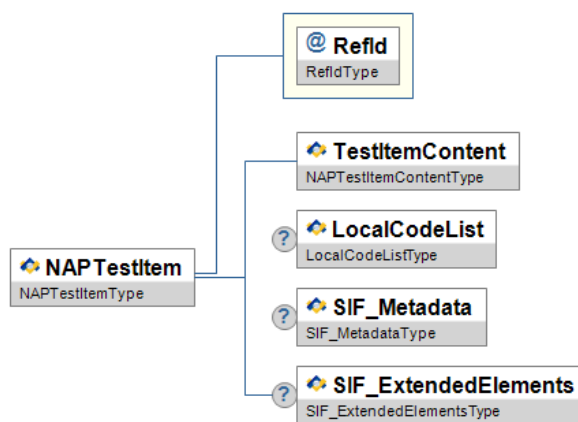
Figure 3.9.5-1: NAPTestItem

	Element/@Attribute	Char	Privacy Rating	Description	Type
	NAPTestItem		Low	This object represents the description of a test item as context for response; may be exemplar item instead of the actual item.	
@ 🔑	RefId	M	Low	The GUID that uniquely identifies an instance of the object.	`RefIdType`
	TestItemContent	M	Low	Contents of a Test Item on the context of NAP.	`NAPTestItemContentType`
	LocalCodeList	O	High		`LocalCodeListType`
	SIF_Metadata	O	Low		`SIF_MetadataType`
	SIF_ExtendedElements	O	Low		`SIF_ExtendedElementsType`

Table 3.9.5-1: NAPTestItem

JSON 📋   **XML** 📋

```
<NAPTestItem RefId="31CA1A02-4E53-4A29-AE1E-807489C30827">
  <TestItemContent>
    <NAPTestItemLocalId>NAPLAN-2017-0005-Language Conventions: Spelling-S2-01-01</NAPTestItemLocalId>
    <ItemType>MC</ItemType>
    <Subdomain>Spelling</Subdomain>
    <ItemDescriptor>Descriptor #1</ItemDescriptor>
    <ReleasedStatus>false</ReleasedStatus>
    <MarkingType>AS</MarkingType>
    <MultipleChoiceOptionCount>4</MultipleChoiceOptionCount>
    <CorrectAnswer>7</CorrectAnswer>
    <MaximumScore>1</MaximumScore>
    <ItemDifficulty>3</ItemDifficulty>
    <ItemDifficultyLogit5>.8</ItemDifficultyLogit5>
    <ItemDifficultyLogit62>.9</ItemDifficultyLogit62>
    <ItemDifficultyLogit5SE>.8</ItemDifficultyLogit5SE>
    <ItemDifficultyLogit62SE>.9</ItemDifficultyLogit62SE>
    <ItemProficiencyBand>3</ItemProficiencyBand>
    <ItemProficiencyLevel>C</ItemProficiencyLevel>
    <ExemplarURL>http://example.com/n3.xml</ExemplarURL>
    <ContentDescriptionList>
      <ContentDescription>MNA32</ContentDescription>
      <ContentDescription>MNA37</ContentDescription>
    </ContentDescriptionList>
  </TestItemContent>
</NAPTestItem>
```

Example 3.9.5-1: NAPTestItem

3.9.6 NAPTestlet

This object represents a student's attempt to undergo NAP assessment in a particular test.

SIF_Events are reported for this object.
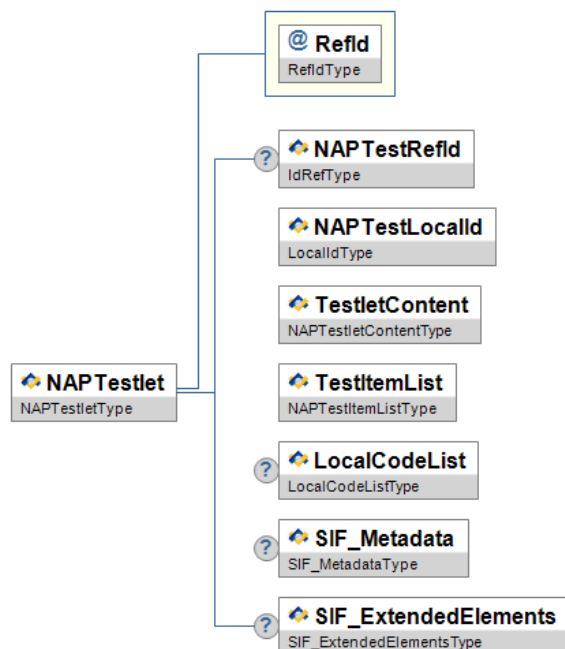
Figure 3.9.6-1: NAPTestlet

Element/@Attribute	Char	Privacy Rating	Description	Type
NAPTestlet		Low	This object represents a student's attempt to undergo NAP assessment in a particular test.	
@ RefId	M	Low	The GUID that uniquely identifies an instance of the object.	RefIdType
NAPTestRefId	O	Low	The GUID for the test that the student is sitting. May be linking to prior codeframe download.	IdRefType
NAPTestLocalId	M	Low	Local identifier of NAP test.	LocalIdType
TestletContent	M	Low	Contents of a Testlet in the context of NAP.	NAPTestletContentType
TestItemList	M	Low	List of test items contained in the testlet.	NAPTestItemListType
LocalCodeList	O	High		LocalCodeListType
SIF_Metadata	O	Low		SIF_MetadataType
SIF_ExtendedElements	O	Low		SIF_ExtendedElementsType

Table 3.9.6-1: NAPTestlet

JSON   **XML**

```
<NAPTestlet RefId="42DE5F3F-DA32-4DA6-8966-4C8FA176E4B4">
  <NAPTestRefId>FBB8A444-1891-4701-B306-F3CED219369C</NAPTestRefId>
  <NAPTestLocalId>NAPLAN-2017-0004-Language Conventions: Grammar and Punctuation</NAPTestLocalId>
  <TestletContent>
    <NAPTestletLocalId>NAPLAN-2017-0004-Language Conventions: Grammar and Punctuation-C-00</NAPTestletLocalId>
    <TestletName>Testlet C-1 for Language Conventions: Grammar and Punctuation Yr 3</TestletName>
    <Node>C</Node>
    <LocationInStage>1</LocationInStage>
    <TestletMaximumScore>12</TestletMaximumScore>
  </TestletContent>
  <TestItemList>
    <TestItem>
      <TestItemRefId>C77240DF-6E21-4774-AD1D-9454D5F60758</TestItemRefId>
      <TestItemLocalId>NAPLAN-2017-0004-Language Conventions: Grammar and Punctuation-C-00-00</TestItemLocalId>
      <SequenceNumber>1</SequenceNumber>
    </TestItem>
    <TestItem>
      <TestItemRefId>1C4016D1-AAAA-4034-BE8A-0CDE847B2EC7</TestItemRefId>
      <TestItemLocalId>NAPLAN-2017-0004-Language Conventions: Grammar and Punctuation-C-00-01</TestItemLocalId>
      <SequenceNumber>2</SequenceNumber>
    </TestItem>
    <TestItem>
      <TestItemRefId>3CCD15F4-BAF5-4192-A361-3C4184AB4FC8</TestItemRefId>
      <TestItemLocalId>NAPLAN-2017-0004-Language Conventions: Grammar and Punctuation-C-00-02</TestItemLocalId>
      <SequenceNumber>3</SequenceNumber>
    </TestItem>
    <TestItem>
      <TestItemRefId>66602398-5EC9-46E4-BCE6-E8917F49EE56</TestItemRefId>
      <TestItemLocalId>NAPLAN-2017-0004-Language Conventions: Grammar and Punctuation-C-00-03</TestItemLocalId>
```

Example 3.9.6-1: NAPTestlet

3.9.7 NAPTestScoreSummary

This object represents the summary of aggregate scores in a NAP test for a school.

SIF_Events are reported for this object.
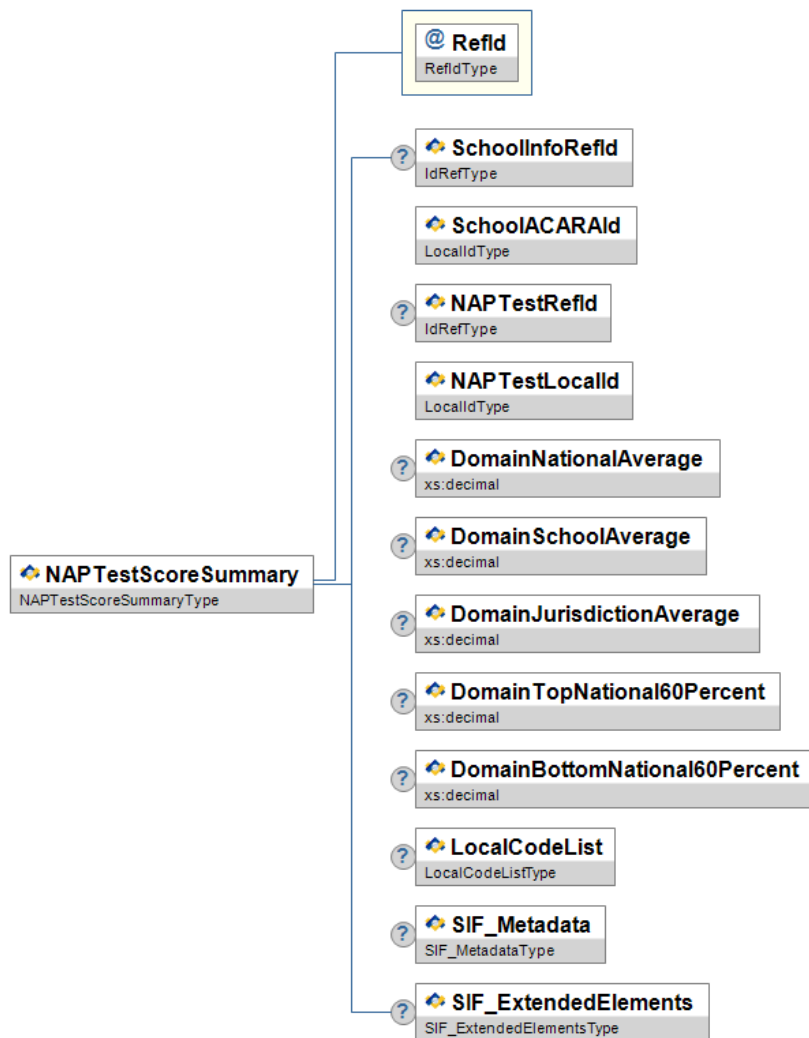
Figure 3.9.7-1: NAPTestScoreSummary

	Element/@Attribute	Char	Privacy Rating	Description	Type
	NAPTestScoreSummary		Medium	This object represents the summary of aggregate scores in a NAP test for a school.	
@ 🔑	RefId	M	Low	The GUID that uniquely identifies an instance of the object.	RefIdType
	SchoolInfoRefId	O	Low	Optional reference to a school associated with the administration of the NAP Test.	IdRefType
	SchoolACARAId	M	Low	The ACARA School Id as assigned in the Australian School List.	LocalIdType
	NAPTestRefId	O	Low	The GUID for the NAP Test. May be linking to prior codeframe download.	IdRefType
	NAPTestLocalId	M	Low	Local identifier of NAP test.	LocalIdType
	DomainNationalAverage	O	Low	The numeric value of the national student scaled score average for the NAP domain and test level.	xs:decimal
	DomainSchoolAverage	O	Medium	The numeric value of the school student scaled score average for the NAP domain and test level.	xs:decimal
	DomainJurisdictionAverage	O	Low	The numeric value of the jurisdiction student scaled score average for the NAP domain and test level.	xs:decimal
	DomainTopNational60Percent	O	Low	The numeric value representing the top scaled score of the National 60% band graphic for this NAP domain and test level.	xs:decimal
	DomainBottomNational60Percent	O	Low	The numeric value representing the bottom scaled score of the National 60% band graphic for this NAP domain and test level.	xs:decimal
	LocalCodeList	O	High		LocalCodeListType
	SIF_Metadata	O	Medium		SIF_MetadataType
	SIF_ExtendedElements	O	Medium		SIF_ExtendedElementsType

Table 3.9.7-1: NAPTestScoreSummary

JSON 📄   **XML** 📄

```
<NAPTestScoreSummary RefId="E2721E52-7661-4A51-BF16-B4CAF12DC2F8">
  <SchoolInfoRefId>A35CE161-BFDB-4460-952B-7F87789A739C</SchoolInfoRefId>
  <SchoolACARAId>21212</SchoolACARAId>
  <NAPTestRefId>FBB8A444-1891-4701-B306-F3CED219369C</NAPTestRefId>
  <NAPTestLocalId>NAPLAN-2017-0004-Language Conventions: Grammar and Punctuation</NAPTestLocalId>
  <DomainNationalAverage>399</DomainNationalAverage>
  <DomainSchoolAverage>404</DomainSchoolAverage>
  <DomainJurisdictionAverage>402</DomainJurisdictionAverage>
  <DomainTopNational60Percent>416</DomainTopNational60Percent>
  <DomainBottomNational60Percent>376</DomainBottomNational60Percent>
</NAPTestScoreSummary>
```

Example 3.9.7-1: NAPTestScoreSummary

3.10 SIF AU Student Baseline Profile (SBP) and supporting objects
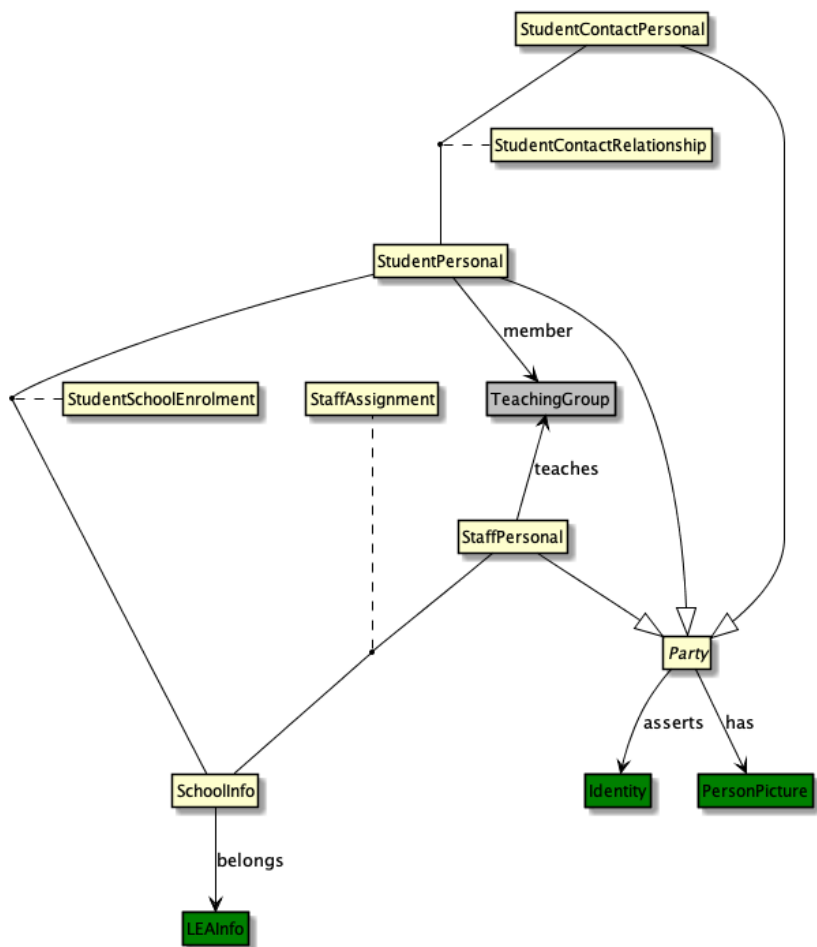
This represents the objects in the original SBP, SchoolInfo, StudentPersonal, StudentSchoolEnrollment, StudentContactRelationship, StudentContactPersonal and TeachingGroup. Other Objects included in this group as supporting objects.

3.10.1 Identity

This object allows a system that stores network identities and/or passwords to share them with other applications through SIF. The provider of the Identity object may only support providing an identity or a password, or it may support both.

SIF_Events are reported for this object.
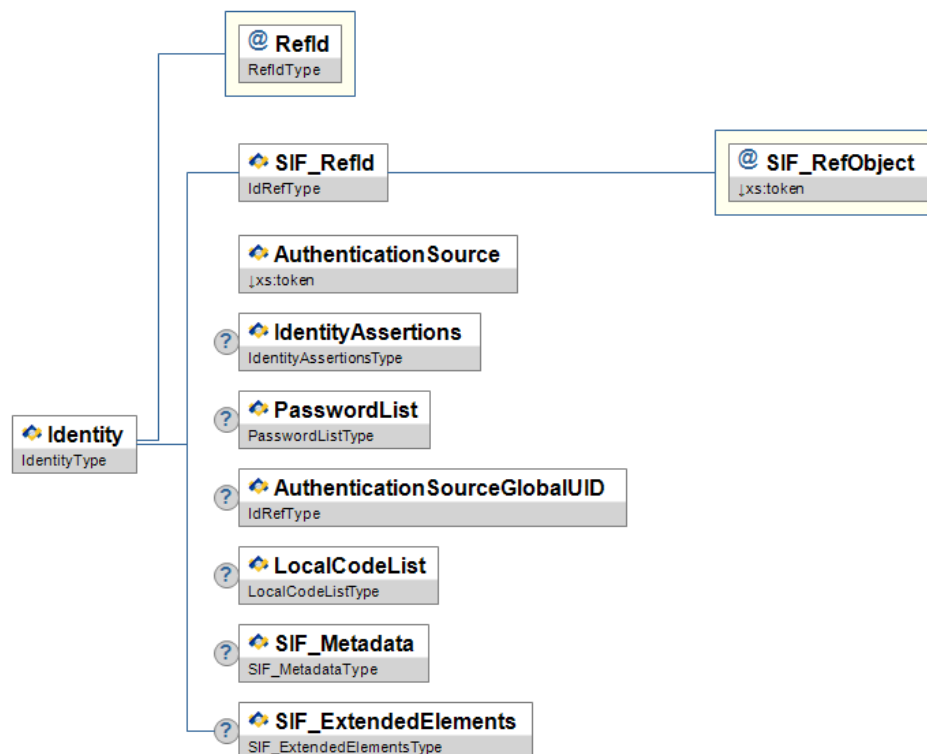
Figure 3.10.1-1: Identity

	Element/@Attribute	Char	Privacy Rating	Description	Type
	Identity		High	This object allows a system that stores network identities and/or passwords to share them with other applications through SIF. The provider of the `Identity` object may only support providing an identity or a password, or it may support both.	
@ 🔑	RefId	M	High	The SIF RefId that uniquely identifies this object.	RefIdType
	SIF_RefId	M	High	The SIF RefId of a StudentPersonal, StaffPersonal, or StudentContactPersonal object.	IdRefType
@	SIF_RefObject	M	High	The type of SIF object that the `SIF_RefId` attribute identifies.	values: StudentPersonal StaffPersonal StudentContactPersonal
	AuthenticationSource	M	High	The type of source system that produced this `Identity` object. See implementation notes for provider requirements.	values: AUAccessShibboleth MSActiveDirectory NovellNDS OpenDirectory OpenID Other
	IdentityAssertions	O	High	The list of identity assertions for this user.	IdentityAssertionsType
	PasswordList	O	High	Allows a provider or publisher to specify the same password using multiple algorithms, if supported.	PasswordListType
	AuthenticationSourceGlobalUID	O	High	The globally unique person identifier that links together separate Identity objects which reference the same Person.	IdRefType
	LocalCodeList	O	High	A list of local values important to transmit with this object.	LocalCodeListType
	SIF_Metadata	O	High		SIF_MetadataType
	SIF_ExtendedElements	O	High		SIF_ExtendedElementsType

Table 3.10.1-1: Identity

JSON 📄   **XML** 📄

```
<Identity RefId="4286194F-43ED-43C1-8EE2-F0A27C4BEF86">
  <SIF_RefId SIF_RefObject="StudentPersonal">23B08571-E4D6-45C3-B82A-3E52E5349925</SIF_RefId>
  <AuthenticationSource>AUAccessShibboleth</AuthenticationSource>
  <IdentityAssertions>
    <IdentityAssertion SchemaName="eduPersonPrincipalName">john.doe@asdf.edu.au</IdentityAssertion>
  </IdentityAssertions>
  <AuthenticationSourceGlobalUID>A9A6CB2B-C493-4427-8C1F-D6587D448B35</AuthenticationSourceGlobalUID>
</Identity>
```

Example 3.10.1-1: Identity published by an Access Federation Shibboleth Provider

JSON 📋   **XML** 📋

```
<Identity RefId="4286194F-43ED-43C1-8EE2-F0A27C4BEF86">
  <SIF_RefId SIF_RefObject="StudentPersonal">23B08571-E4D6-45C3-B82A-3E52E5349925</SIF_RefId>
  <AuthenticationSource>MSActiveDirectory</AuthenticationSource>
  <IdentityAssertions>
    <IdentityAssertion SchemaName="sAmAccountName">user01</IdentityAssertion>
    <IdentityAssertion SchemaName="userPrincipalName">user01@asdf.edu.au</IdentityAssertion>
    <IdentityAssertion SchemaName="distinguishedName">cn=User01,cn=Users,dc=org</IdentityAssertion>
  </IdentityAssertions>
  <PasswordList>
    <Password Algorithm="SHA1" KeyName=" ">UGFzc3cwcmQ=</Password>
  </PasswordList>
  <AuthenticationSourceGlobalUID>23A08571-E4D6-45C3-B82A-3E52E5349925</AuthenticationSourceGlobalUID>
  <LocalCodeList>
    <LocalCode>
      <LocalisedCode>SHA-256</LocalisedCode>
      <Description>This is the algorithm to use here.</Description>
      <Element> PasswordList/Password[1]/@Algorithm</Element>
      <ListIndex>1</ListIndex>
    </LocalCode>
  </LocalCodeList>
</Identity>
```

Example 3.10.1-2: Identity published by Microsoft Active Directory

JSON 📋   **XML** 📋

```
<Identity RefId="4286194F-43ED-43C1-8EE2-F0A27C4BEF86">
  <SIF_RefId SIF_RefObject="StudentPersonal">23B08571-E4D6-45C3-B82A-3E52E5349925</SIF_RefId>
  <AuthenticationSource>OpenID</AuthenticationSource>
  <IdentityAssertions>
    <IdentityAssertion SchemaName="openid.identity">http://verisign.org/p/alice </IdentityAssertion>
    <IdentityAssertion SchemaName="openid.server">http://verisign.org </IdentityAssertion>
  </IdentityAssertions>
  <AuthenticationSourceGlobalUID>A9A6CB2B-C493-4427-8C1F-D6587D448B35</AuthenticationSourceGlobalUID>
</Identity>
```

Example 3.10.1-3: Identity published by an OpenID provider

3.10.2 LEAInfo

This object contains information about a school district, region, or other Local, State or Jurisdiction Educational Authority.

SIF_Events are reported for this object.
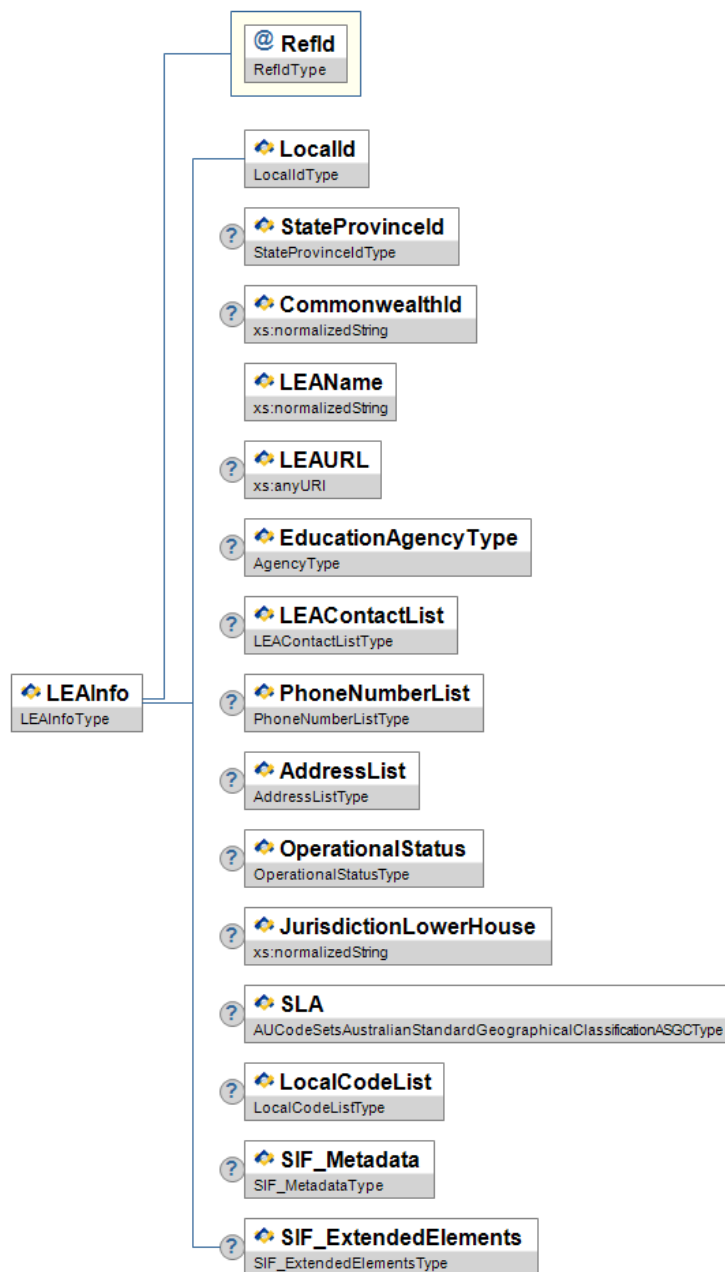
Figure 3.10.2-1: LEAInfo

Element/@Attribute	Char	Privacy Rating	Description	Type
LEAInfo		Low	This object contains information about a school district, region, or other Local, State or Jurisdiction Educational Authority.	
@ RefId	M	Low	The GUID of the LEA whose information this is.	RefIdType
LocalId	M	Low	The locally-assigned identifier for this LEA.	LocalIdType
StateProvinceId	O	Low	The state-assigned identifier for this LEA.	StateProvinceIdType
CommonwealthId	O	Low	Commonwealth Identifier for this Entity.	xs:normalizedString
LEAName	M	Low	Name of LEA.	xs:normalizedString
LEAURL	O	Low	URL for the LEA.	xs:anyURI
EducationAgencyType	O	Low	The classification of the education agency within the geographic boundaries of a state according to the level of administrative and operational control.	AgencyType
LEAContactList	O	Low	A list of information on contact persons for this LEA.	LEAContactListType
PhoneNumberList	O	Low	The LEA's phone number(s).	PhoneNumberListType
AddressList	O	Low	The LEA's address(es).	AddressListType
OperationalStatus	O	Low	Operational condition of a school.	OperationalStatusType
JurisdictionLowerHouse	O	Low	Lower House area that the school/campus belongs to.	xs:normalizedString
SLA	O	Low	Statistical Local Area that the school/campus belongs to.	AUCodeSetsAustralianStandardGeographicalClassificationASGCType
LocalCodeList	O	Low		LocalCodeListType
SIF_Metadata	O	Low		SIF_MetadataType
SIF_ExtendedElements	O	Low		SIF_ExtendedElementsType

Table 3.10.2-1: LEAInfo

JSON 📋   **XML** 📋

```
<LEAInfo RefId="D3E34B35-9D75-101A-8C3D-00AA001A1652">
  <LocalId>EMR</LocalId>
  <StateProvinceId>EMR</StateProvinceId>
  <CommonwealthId>4215750</CommonwealthId>
  <LEAName>Eastern Metro School District</LEAName>
  <LEAURL>http://www.EMR.vic.edu.au</LEAURL>
  <EducationAgencyType>
    <Code>01</Code>
  </EducationAgencyType>
  <LEAContactList>
    <LEAContact>
      <PublishInDirectory>Y</PublishInDirectory>
      <ContactInfo>
        <Name Type="LGL">
          <FamilyName>Smith</FamilyName>
          <GivenName>Theo</GivenName>
          <FullName>Theo Smith</FullName>
        </Name>
        <PositionTitle>Superintendent</PositionTitle>
        <EmailList>
          <Email Type="01">drseuss@edumail.vic.edu.au</Email>
        </EmailList>
        <PhoneNumberList>
          <PhoneNumber Type="0096">
            <Number>(03) 9745 7455</Number>
          </PhoneNumber>
        </PhoneNumberList>
      </ContactInfo>
    </LEAContact>
```
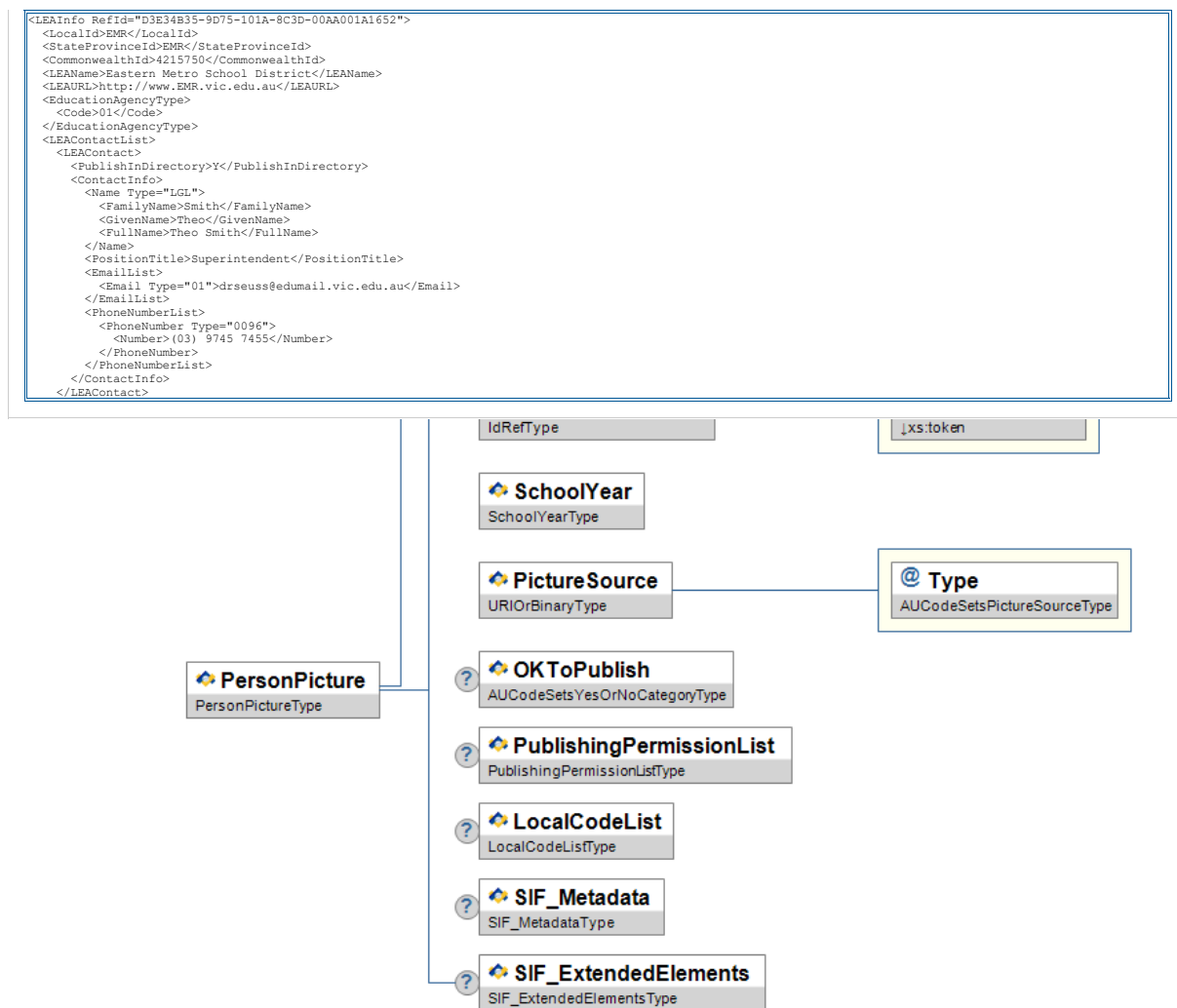

Figure 3.10.3-1: PersonPicture

Element/@Attribute	Char	Privacy Rating	Description	Type
PersonPicture		Medium	This object contains information about the person's picture.	
@ RefId 🔑	M	Medium	The ID (GUID) that uniquely identifies the picture.	RefIdType
ParentObjectRefId	M	Medium	The GUID of the personal object to which this picture is linked	IdRefType
@ SIF_RefObject	M	Medium	The name of the object reference.	**values:** StudentPersonal StaffPersonal StudentContactPersonal
SchoolYear	M	Medium	School year for which this enrollment is applicable, expressed as the four-digit year in which the school year ends (e.g. 2007).	SchoolYearType
PictureSource	M	Medium	This element defines the picture. If the Type attribute is URL, this is the location of the picture in [JPEG] format; if Type is JPEG, this is the [JPEG] image data encoded using the Base64 Content-Transfer-Encoding defined in Section 6.8 of [RFC 2045].	URIOrBinaryType
@ Type	M	Medium	The way the picture is specified.	AUCodeSetsPictureSourceType
OKToPublish	O	Medium	Can the picture be published?	AUCodeSetsYesOrNoCategoryType
PublishingPermissionList	O	Medium	List of Permissions Applicable.	PublishingPermissionListType
LocalCodeList	O	Low		LocalCodeListType
SIF_Metadata	O	Medium		SIF_MetadataType
SIF_ExtendedElements	O	Medium		SIF_ExtendedElementsType

Table 3.10.3-1: PersonPicture

JSON 📋 **XML** 📋

```xml
<PersonPicture RefId="D3E34B35-9D75-101A-8C3D-00AA001A1652">
  <ParentObjectRefId SIF_RefObject="StudentPersonal">AA648462-8886-24AA-5294-BC638017320B</ParentObjectRefId>
  <SchoolYear>2007</SchoolYear>
  <PictureSource Type="01">http://www.schoolsite.com/pictures/2007/1234.jpg </PictureSource>
  <OKToPublish>Y</OKToPublish>
  <PublishingPermissionList>
    <PublishingPermission>
      <PermissionCategory>OKPrintedMaterial</PermissionCategory>
      <!-- Permission to publish to Printed material e.g. NameTag -->
      <PermissionValue>Y</PermissionValue>
    </PublishingPermission>
    <PublishingPermission>
      <PermissionCategory>OKOnlineMaterial</PermissionCategory>
      <!-- Permission to publish online material e.g. School's Website -->
      <PermissionValue>Y</PermissionValue>
    </PublishingPermission>
    <PublishingPermission>
      <PermissionCategory>OKMediaRelease</PermissionCategory>
      <!-- Permission to release to the Media e.g. for school related activities -->
      <PermissionValue>U</PermissionValue>
    </PublishingPermission>
  </PublishingPermissionList>
</PersonPicture>
```

Example 3.10.3-1: PersonPicture

3.10.4 SchoolInfo

This object contains information about the school or campus.

SIF_Events are reported for this object.
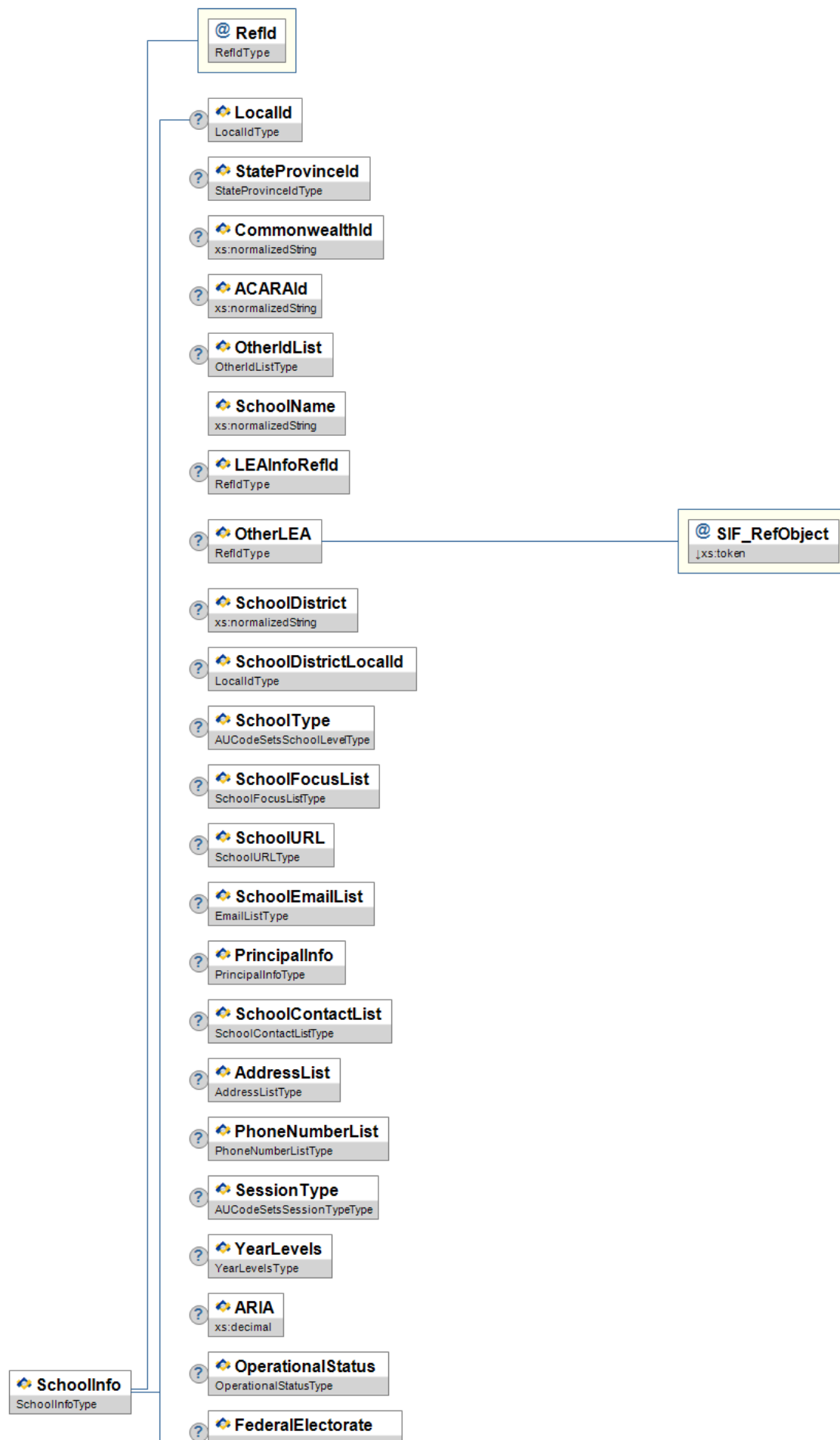
Figure 3.10.4-1: SchoolInfo

	Element/@Attribute	Char	Privacy Rating	Description	Type
	SchoolInfo		Low	This object contains information about the school or campus.	
@ 🔑	RefId	M	Low	The GUID that identifies this school.	RefIdType
	LocalId	O	Low	The locally-assigned identifier for this school.	LocalIdType
	StateProvinceId	O	Low	The state-assigned identifier for this school.	StateProvinceIdType
	CommonwealthId	O	Low	Commonwealth identifier for this school/campus.	xs:normalizedString
	ACARAId	O	Low	ACARA identifier for this school/campus.	xs:normalizedString
	OtherIdList	O	Low	Lists all "other" identifiers associated with the school.	OtherIdListType
	SchoolName	M	Low	Name of school/campus.	xs:normalizedString
	LEAInfoRefId	O	Low	The ID (GUID) that references the school district of which this school is a member.	RefIdType
	OtherLEA	O	Low	The ID (GUID) of another related education agency, such as a regional service agency.	RefIdType
@	SIF_RefObject	M	Low	The name of the object reference.	**values:** LEAInfo
	SchoolDistrict	O	Low	The school district of which this school/campus is a member. Equivalent to DEECD Region.	xs:normalizedString
	SchoolDistrictLocalId	O	Low	The school district Local ID. This should be the same as the LocalId in the LEAInfo if LEAInfo details are supplied.	LocalIdType
	SchoolType	O	Low	An indication of the level of the educational institution.	AUCodeSetsSchoolLevelType
	SchoolFocusList	O	Low	Lists all "other" identifiers associated with the student.	SchoolFocusListType
	SchoolURL	O	Low	URL for the school.	SchoolURLType
	SchoolEmailList	O	Low	List of contact emails for the school.	EmailListType
	PrincipalInfo	O	Low	Information about the campus or school principal.	PrincipalInfoType
	SchoolContactList	O	Low	A list of contact persons associated with a school.	SchoolContactListType
	AddressList	O	Low	The school's addresses.	AddressListType

	Element/@Attribute	Char	Privacy Rating	Description	Type
	PhoneNumberList	O	Low	The school's phone numbers.	PhoneNumberListType
	SessionType	O	Low	Code that specifies the session type.	AUCodeSetsSessionTypeType
	YearLevels	O	Low	List of year levels offered by the school.	YearLevelsType
	ARIA	O	Low	Accessibility/Remoteness Indicator of Australia.	xs:decimal
	OperationalStatus	O	Low	Operational condition of a school.	OperationalStatusType
	FederalElectorate	O	Low	Australian Federal Electorate.	AUCodeSetsFederalElectorateType
	Campus	O	Low	Optional campus details.	CampusContainerType
	SchoolSector	M	Low	(Government, or Non-Government).	AUCodeSetsSchoolSectorCodeType
	IndependentSchool	O	Low	Indicator as to whether school is an independent school (as opposed to government or catholic school).	AUCodeSetsYesOrNoCategoryType
	NonGovSystemicStatus	O	Low	Used to clarify a non-government school's systemic status. Either Systemic or Non-Systemic.	AUCodeSetsSystemicStatusType
	System	O	Low	System if a systemic school.	AUCodeSetsSchoolSystemType
	ReligiousAffiliation	O	Low	Religious affiliation (if any).	AUCodeSetsAustralianStandardClassificationOfReligiousGroupsASCRGType
	SchoolGeographicLocation	O	Low	School Location	AUCodeSetsSchoolLocationType
	LocalGovernmentArea	O	Low	LocalGovernmentArea that that school/campus is located in.	xs:normalizedString
	JurisdictionLowerHouse	O	Low	Lower House area that the school/campus belongs to.	xs:normalizedString
	SLA	O	Low	Statistical Local Area that the school/campus belongs to.	AUCodeSetsAustralianStandardGeographicalClassificationASGCType
	SchoolCoEdStatus	O	Low	Gender of student population.	AUCodeSetsSchoolCoEdStatusType
	BoardingSchoolStatus	O	Low	Is this school a Boarding School?	AUCodeSetsYesOrNoCategoryType
	YearLevelEnrollmentList	O	Low	Container for number of students enrolled per year level.	YearLevelEnrollmentListType
	TotalEnrollments	O	Low	Optional School/Campus enrolments.	TotalEnrollmentsType
	Entity_Open	O	Low	Opening date of entity.	xs:date

Element/@Attribute	Char	Privacy Rating	Description	Type
Entity_Close	O	Low	Closing date of entity. This element is allowed to be omitted and/or null.	xs:date
SchoolGroupList	O	Low	List of Local identifiers used to identify a loosely connected group of schools. E.g. Yarra Valley Cluster.	SchoolGroupListType
SchoolTimeZone	O	Low	An optional placeholder for a school's time zone.	AUCodeSetsAustralianTimeZoneType
LocalCodeList	O	Low		LocalCodeListType
SIF_Metadata	O	Low		SIF_MetadataType
SIF_ExtendedElements	O	Low		SIF_ExtendedElementsType

Table 3.10.4-1: SchoolInfo

JSON 📋   **XML** 📋

```
<SchoolInfo RefId="D3E34B35-9D75-101A-8C3D-00AA001A1652">
  <LocalId>01011234</LocalId>
  <StateProvinceId>01011234</StateProvinceId>
  <CommonwealthId>012345</CommonwealthId>
  <SchoolName>Lincoln Secondary College</SchoolName>
  <LEAInfoRefId>73648462-8886-24AA-5294-BC6380173276</LEAInfoRefId>
  <OtherLEA SIF_RefObject="LEAInfo">AA648462-8886-24AA-5294-BC638017320B</OtherLEA>
  <SchoolDistrict> Southern Metropolitan Region</SchoolDistrict>
  <SchoolType>Pri/Sec</SchoolType>
  <SchoolFocusList>
    <SchoolFocus>01</SchoolFocus>
    <SchoolFocus>03</SchoolFocus>
  </SchoolFocusList>
  <SchoolURL>http://www.lincolnsc.edu.vic.au</SchoolURL>
  <PrincipalInfo>
    <ContactName Type="LGL">
      <Title>Mr</Title>
      <FamilyName>Mason</FamilyName>
      <GivenName>Francis</GivenName>
      <MiddleName>Frank</MiddleName>
      <Suffix>Jr.</Suffix>
      <FullName>Mr Frank Mason Jr.</FullName>
    </ContactName>
    <ContactTitle>Senior School Principal</ContactTitle>
  </PrincipalInfo>
  <SchoolContactList>
    <SchoolContact>
      <PublishInDirectory>Y</PublishInDirectory>
      <ContactInfo>
```

Example 3.10.4-1: SchoolInfo

3.10.5 StaffAssignment

This object defines information related to a staff member's assignment(s); commonly, this will be a school assignment.

SIF_Events are reported for this object.
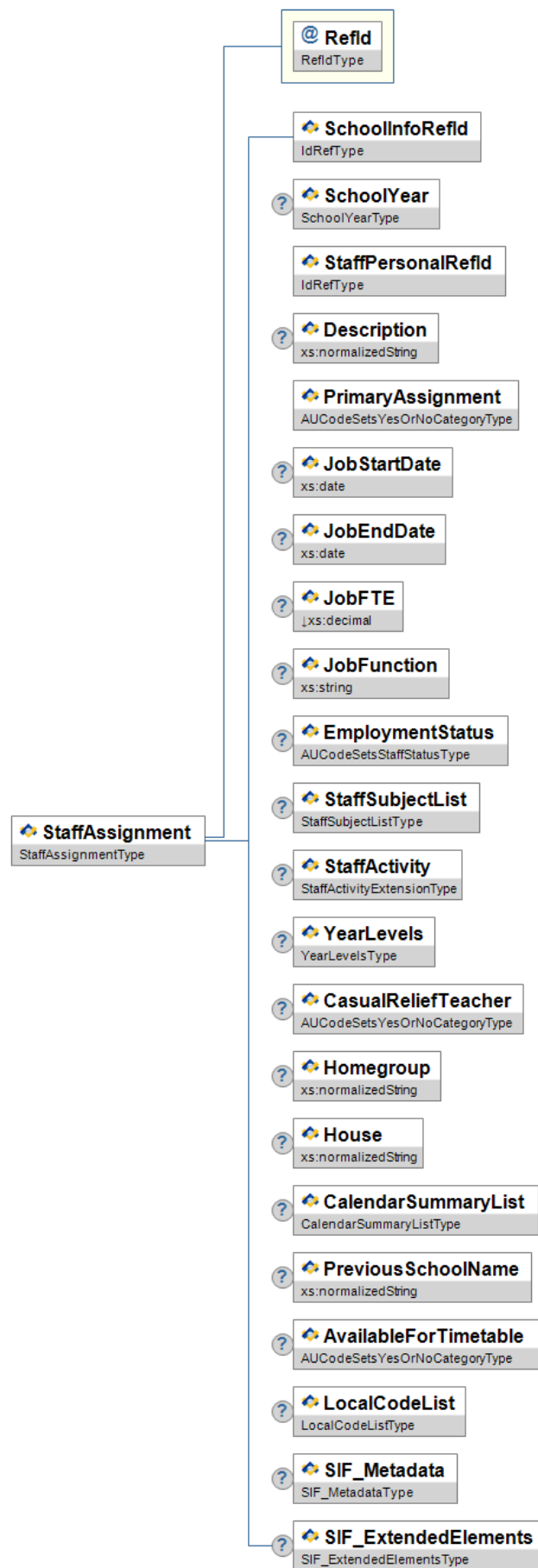
Figure 3.10.5-1: StaffAssignment

	Element/@Attribute	Char	Privacy Rating	Description	Type
	StaffAssignment		Low	This object defines information related to a staff member's assignment(s); commonly, this will be a school assignment.	
@🔑	RefId	M	Low	The GUID that uniquely identifies a particular staff assignment.	RefIdType
	SchoolInfoRefId	M	Low	The ID (GUID) that identifies the school where the staff member is assigned.	IdRefType
	SchoolYear	O	Low	School year for which the information is applicable, expressed as the four-digit year in which the school year ends (e.g., 2007). Release 1.2 allows this to be optional as JobStart and EndDate allow for this Object to be used over more than one year.	SchoolYearType
	StaffPersonalRefId	M	Low	ID (GUID) of this staff member, as represented in the StaffPersonal object.	IdRefType
	Description	O	Low	Short assignment description	xs:normalizedString
	PrimaryAssignment	M	Low	Is this the staff member's primary assignment? Note: There must be one and only one instance of the object with a Yes value in this element per StaffMember per school year.	AUCodeSetsYesOrNoCategoryType
	JobStartDate	O	Low	This is the date from which the staff assignment is valid (inclusive).	xs:date
	JobEndDate	O	Low	This is the date through which the staff assignment is valid (inclusive).	xs:date
	JobFTE	O	Low	Full-time job equivalent ratio for this assignment. (Format is x.xx; an employee who is full-time and who is 50% of their time on this assignment would be represented as 0.50)	xs:decimal xs:minInclusive 0 xs:maxInclusive 1 xs:fractionDigits 2
	JobFunction	O	Low	The purpose of the activities as related to students.	xs:string
	EmploymentStatus	O	Low	Status of staff member within this school. Where a Staff member is employed by an organisation that covers more than one school, employment status may be different at each school. Not for NSSC Reporting	AUCodeSetsStaffStatusType
	StaffSubjectList	O	Low	Subject(s) Staff member is eligible to teach.	StaffSubjectListType
	StaffActivity	O	Low	The purpose of the Teacher's role as related to students. Equivalent to 'JobFunction' in US Object.	StaffActivityExtensionType
	YearLevels	O	Low	Year level(s) that the teacher is allowed to teach.	YearLevelsType
	CasualReliefTeacher	O	Low	Is this teacher a casual relief teacher CRT?	AUCodeSetsYesOrNoCategoryType
	Homegroup	O	Low	The name of the homegroup the staff member is assigned to.	xs:normalizedString
	House	O	Low	The name of the house the staff member is assigned to.	xs:normalizedString
	CalendarSummaryList	O	Low	The ID (GUID) of a calendar summary to which this Staff Member is associated with.	CalendarSummaryListType

Element/@Attribute	Char	Privacy Rating	Description	Type
PreviousSchoolName	O	Low	If the staff member has previously been enrolled at a school, the previous school name.	xs:normalizedString
AvailableForTimetable	O	High	Active staff that are not teaching will have "N" here, active staff who are teachers and are available to be rostered will have a "Y" here.	AUCodeSetsYesOrNoCategoryType
LocalCodeList	O	Low		LocalCodeListType
SIF_Metadata	O	Low		SIF_MetadataType
SIF_ExtendedElements	O	Low		SIF_ExtendedElementsType

Table 3.10.5-1: StaffAssignment

JSON 📋   **XML** 📋

```xml
<StaffAssignment RefId="D3E34B35-9D75-101A-8C3D-00AA001A1652">
   <SchoolInfoRefId>A8C3D3E3-4B35-9D75-101D-00AA001A1652</SchoolInfoRefId>
   <SchoolYear>2008</SchoolYear>
   <StaffPersonalRefId>D3E34B35-9D75-101A-8C3D-00AA001A1651</StaffPersonalRefId>
   <Description>VCE English Teacher</Description>
   <PrimaryAssignment>Y</PrimaryAssignment>
   <JobStartDate>2000-09-05</JobStartDate>
   <JobEndDate>2001-06-25</JobEndDate>
   <JobFTE>1.00</JobFTE>
   <JobFunction>Teacher</JobFunction>
   <StaffSubjectList>
      <StaffSubject>
         <PreferenceNumber>1</PreferenceNumber>
         <SubjectLocalId>English</SubjectLocalId>
      </StaffSubject>
      <StaffSubject>
         <PreferenceNumber>2</PreferenceNumber>
         <SubjectLocalId>Mathematics</SubjectLocalId>
      </StaffSubject>
      <StaffSubject>
         <PreferenceNumber>3</PreferenceNumber>
         <SubjectLocalId>Science</SubjectLocalId>
      </StaffSubject>
   </StaffSubjectList>
   <YearLevels>
      <YearLevel>
         <Code>11</Code>
      </YearLevel>
      <YearLevel>
```

Example 3.10.5-1: StaffAssignment

3.10.6 StaffPersonal

This object contains all the personal information relating to a staff member, who might be a teacher or other employee of the school or district.

SIF_Events are reported for this object.
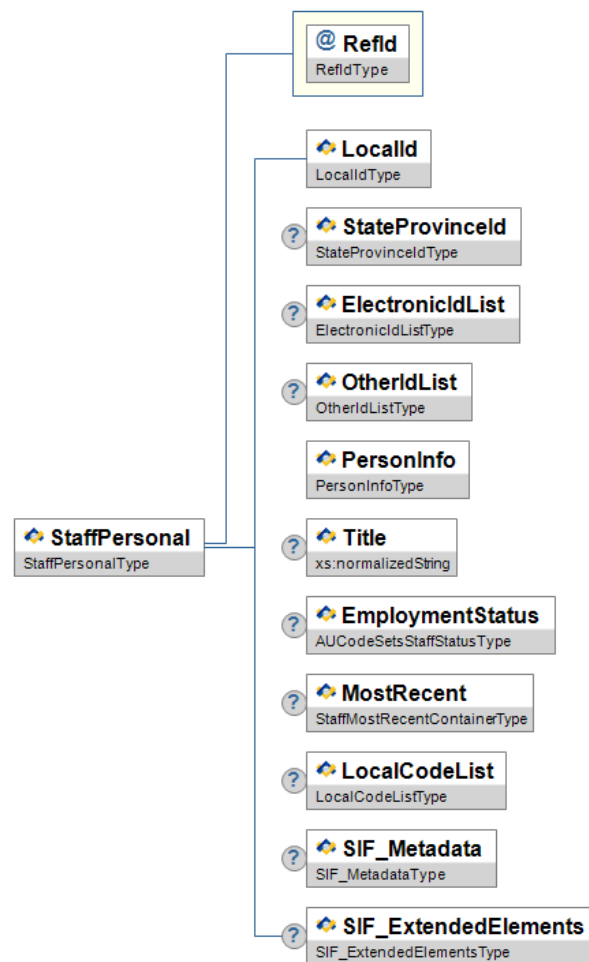
Figure 3.10.6-1: StaffPersonal

	Element/@Attribute	Char	Privacy Rating	Description	Type
	StaffPersonal		High	This object contains all the personal information relating to a staff member, who might be a teacher or other employee of the school or district.	
@ 🔑	RefId	M	Low	The GUID of the staff member.	`RefIdType`
	LocalId	M	Medium	The locally-assigned identifier for this staff member.	`LocalIdType`
	StateProvinceId	O	Medium	The state-assigned identifier for this staff member.	`StateProvinceIdType`
	ElectronicIdList	O	Medium	Electronic identifier(s) associated with this entity.	`ElectronicIdListType`
	OtherIdList	O	Medium	Lists all "other" identifiers associated with the staff member.	`OtherIdListType`
	PersonInfo	M	High	Personal Information	`PersonInfoType`
	Title	O	Low	The staff member's title.	`xs:normalizedString`
	EmploymentStatus	O	Medium	Status of staff member within employing organisation. Not for NSSC Reporting	`AUCodeSetsStaffStatusType`
	MostRecent	O	Medium	Container for elements reflecting the most recent assignment of a staff member. If the staff member is currently assigned, the elements contain current information.	`StaffMostRecentContainerType`
	LocalCodeList	O	High		`LocalCodeListType`
	SIF_Metadata	O	High		`SIF_MetadataType`
	SIF_ExtendedElements	O	High		`SIF_ExtendedElementsType`

Table 3.10.6-1: StaffPersonal

JSON 📋 **XML** 📋

```xml
<StaffPersonal RefId="D3E34F41-9D75-101A-8C3D-00AA001A1652">
  <LocalId>946379881</LocalId>
  <StateProvinceId>C2345681</StateProvinceId>
  <ElectronicIdList>
    <ElectronicId Type="01">206655</ElectronicId>
  </ElectronicIdList>
  <OtherIdList>
    <OtherId Type="0004">333333333</OtherId>
  </OtherIdList>
  <PersonInfo>
    <Name Type="LGL">
      <FamilyName>Smith</FamilyName>
      <GivenName>Fred</GivenName>
      <FullName>Fred Smith</FullName>
    </Name>
    <OtherNames>
      <Name Type="AKA">
        <FamilyName>Anderson</FamilyName>
        <GivenName>Samuel</GivenName>
        <FullName>Samuel Anderson</FullName>
      </Name>
      <Name Type="PRF">
        <FamilyName>Rowinski</FamilyName>
        <GivenName>Sam</GivenName>
        <FullName>Sam Rowinski </FullName>
      </Name>
    </OtherNames>
    <Demographics>
      <IndigenousStatus>3</IndigenousStatus>
```

Example 3.10.6-1: StaffPersonal

3.10.7 StudentContactPersonal

This object contains information about the people who are referenced as student contacts.

SIF_Events are reported for this object.
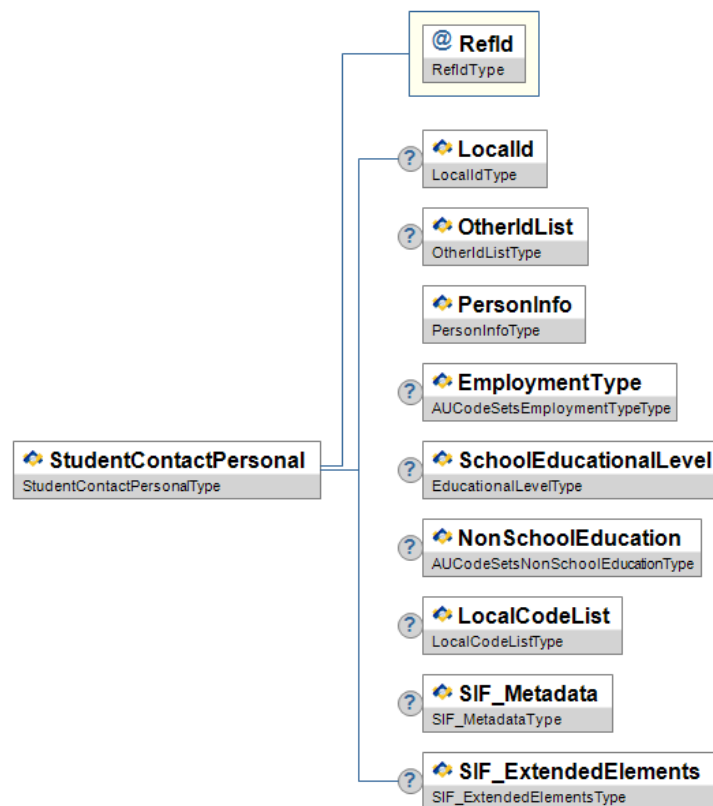
Figure 3.10.7-1: StudentContactPersonal

	Element/@Attribute	Char	Privacy Rating	Description	Type
	StudentContactPersonal		High	This object contains information about the people who are referenced as student contacts.	
@ 🔑	RefId	M	Low	The ID (GUID) that uniquely identifies the instance of the object.	RefIdType
	LocalId	O	Medium	The locally-assigned identifier for this person. Note: LocalId may be used as a unique person identifier rather than a unique contact identifier. In this case there may be more than one StudentContactPersonal instance with the same LocalId.	LocalIdType
	OtherIdList	O	Medium	Lists all "other" identifiers associated with the contact.	OtherIdListType
	PersonInfo	M	High	Personal Information	PersonInfoType
	EmploymentType	O	Medium	Code that defines employment type. This is compulsory for Parents or Guardians of the Student.	AUCodeSetsEmploymentTypeType
	SchoolEducationalLevel	O	Medium	The highest level of education completed by the contact person.	EducationalLevelType
	NonSchoolEducation	O	Medium	This reflects the level of the Contact's Non-School Education.	AUCodeSetsNonSchoolEducationType
	LocalCodeList	O	High		LocalCodeListType
	SIF_Metadata	O	High		SIF_MetadataType
	SIF_ExtendedElements	O	High		SIF_ExtendedElementsType

Table 3.10.7-1: StudentContactPersonal

JSON 📄   **XML** 📄

```
<StudentContactPersonal RefId="7C834EA9-EDA1-2090-347F-83297E1C290F">
  <LocalId>P1234567</LocalId>
  <OtherIdList>
    <OtherId Type="Health Care Card">098765</OtherId>
    <OtherId Type="Seniors Card">123456789</OtherId>
  </OtherIdList>
  <PersonInfo>
    <Name Type="LGL">
      <FamilyName>Smith</FamilyName>
      <GivenName>Fred</GivenName>
      <FullName>Fred Smith</FullName>
    </Name>
    <OtherNames>
      <Name Type="AKA">
        <FamilyName>Anderson</FamilyName>
        <GivenName>Samuel</GivenName>
        <FullName>Samuel Anderson</FullName>
      </Name>
      <Name Type="PRF">
        <FamilyName>Rowinski</FamilyName>
        <GivenName>Sam</GivenName>
        <FullName>Sam Rowinski </FullName>
      </Name>
    </OtherNames>
    <Demographics>
      <IndigenousStatus>3</IndigenousStatus>
      <Sex>1</Sex>
      <BirthDate>1990-09-26</BirthDate>
      <BirthDateVerification>1004</BirthDateVerification>
```

This object defines a relationship between a contact person and a student.

SIF_Events are reported for this object.
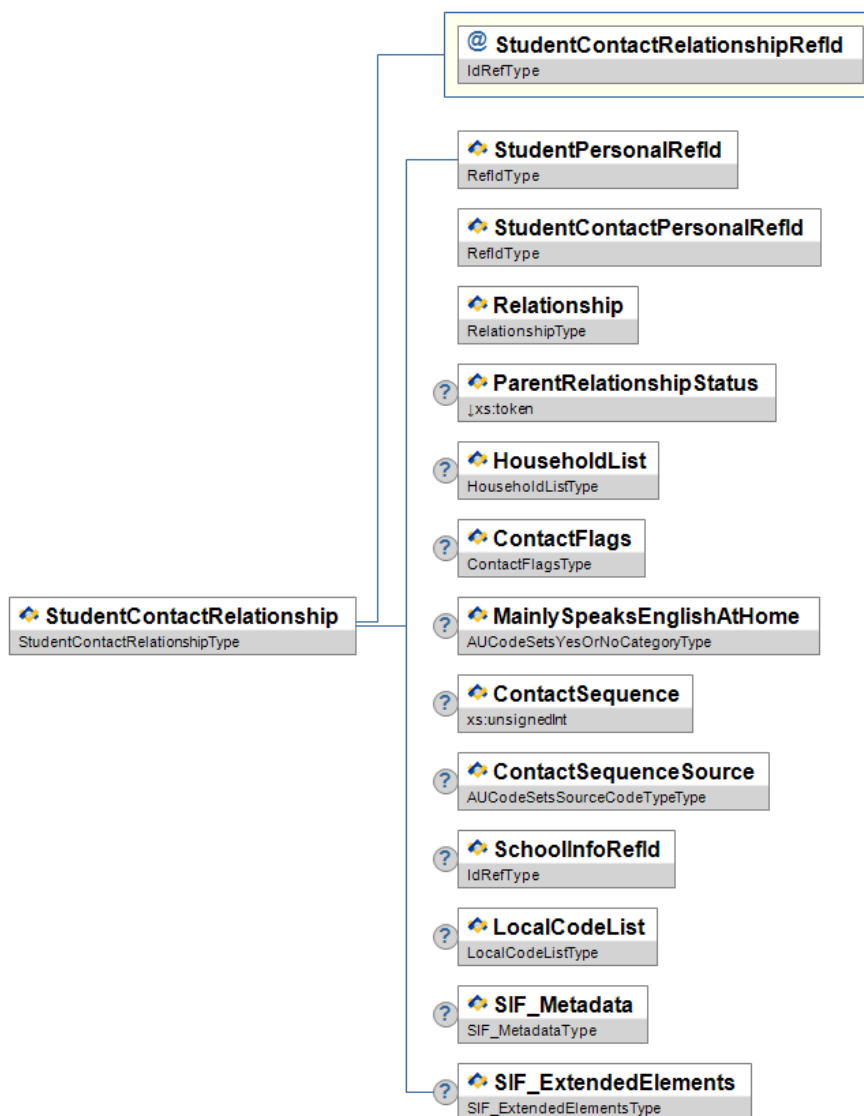
Figure 3.10.8-1: StudentContactRelationship

	Element/@Attribute	Char	Privacy Rating	Description	Type
	StudentContactRelationship		High	This object defines a relationship between a contact person and a student.	
@ 🔑	StudentContactRelationshipRefId	M	Medium	An ID (GUID) for this particular student-contact relationship. This GUID would be used to form a REST URL.	`IdRefType`
	StudentPersonalRefId	M	Medium	GUID that identifies the student for the relationship.	`RefIdType`
	StudentContactPersonalRefId	M	Medium	GUID that identifies the contact person for the relationship.	`RefIdType`
	Relationship	M	Medium	Defines the relationship of the contact to the student.	`RelationshipType`
	ParentRelationshipStatus	O	Medium	Confirms whether or not this contact defined in the relationship is to be tracked for MCEECDYA Data Implementation Manual Reporting.	**values:** `Parent1` `Parent2` `NotForReporting`
	HouseholdList	O	Medium	List of households.	`HouseholdListType`
	ContactFlags	C	High	Contains Yes/No characteristics of the contact person's role. Provide a `Yes` value for all that apply. At least one of the child elements of `ContactFlags` must have a `Yes` value. Do not publish the `StudentContactRelationship` instance if one of the child elements does not have a `Yes` value.	`ContactFlagsType`
	MainlySpeaksEnglishAtHome	O	Medium	Is English the main language spoken at home?	`AUCodeSetsYesOrNoCategoryType`
	ContactSequence	O	Low	Number indicating the order in which the person should be contacted.	`xs:unsignedInt`
	ContactSequenceSource	O	Low	Indicates the source who provided the contact sequence order.	`AUCodeSetsSourceCodeTypeType`
	SchoolInfoRefId	C	Low	GUID that identifies a school associated with the relationship.	`IdRefType`
	LocalCodeList	O	High		`LocalCodeListType`
	SIF_Metadata	O	High		`SIF_MetadataType`
	SIF_ExtendedElements	O	High		`SIF_ExtendedElementsType`

Table 3.10.8-1: StudentContactRelationship

JSON 📋　　**XML** 📋

```xml
<StudentContactRelationship StudentContactRelationshipRefId="7572B261-0947-583A-463D-BB345291B332">
  <StudentPersonalRefId>DEE34B35-9D75-101A-8C3D-00AA001A1652</StudentPersonalRefId>
  <StudentContactPersonalRefId>6472B261-0947-583A-463D-BB345291B001</StudentContactPersonalRefId>
  <Relationship>
    <Code>01</Code>
  </Relationship>
  <HouseholdList>
    <Household>FamilyA</Household>
    <Household>FamilyB</Household>
  </HouseholdList>
  <ContactFlags>
    <ParentLegalGuardian>Y</ParentLegalGuardian>
    <PickupRights>Y</PickupRights>
    <LivesWith>N</LivesWith>
    <AccessToRecords>U</AccessToRecords>
    <ReceivesAssessmentReport>Y</ReceivesAssessmentReport>
    <EmergencyContact>Y</EmergencyContact>
    <HasCustody>N</HasCustody>
    <DisciplinaryContact>N</DisciplinaryContact>
    <AttendanceContact>N</AttendanceContact>
    <PrimaryCareProvider>U</PrimaryCareProvider>
    <FeesBilling>Y</FeesBilling>
    <FamilyMail>Y</FamilyMail>
    <InterventionOrder>N</InterventionOrder>
  </ContactFlags>
  <MainlySpeaksEnglishAtHome>U</MainlySpeaksEnglishAtHome>
  <ContactSequence>1</ContactSequence>
  <ContactSequenceSource>P</ContactSequenceSource>
</StudentContactRelationship>
```

Example 3.10.8-1: StudentContactRelationship

3.10.9 StudentPersonal

This object contains all the personal information related to the student.

SIF_Events are reported for this object.
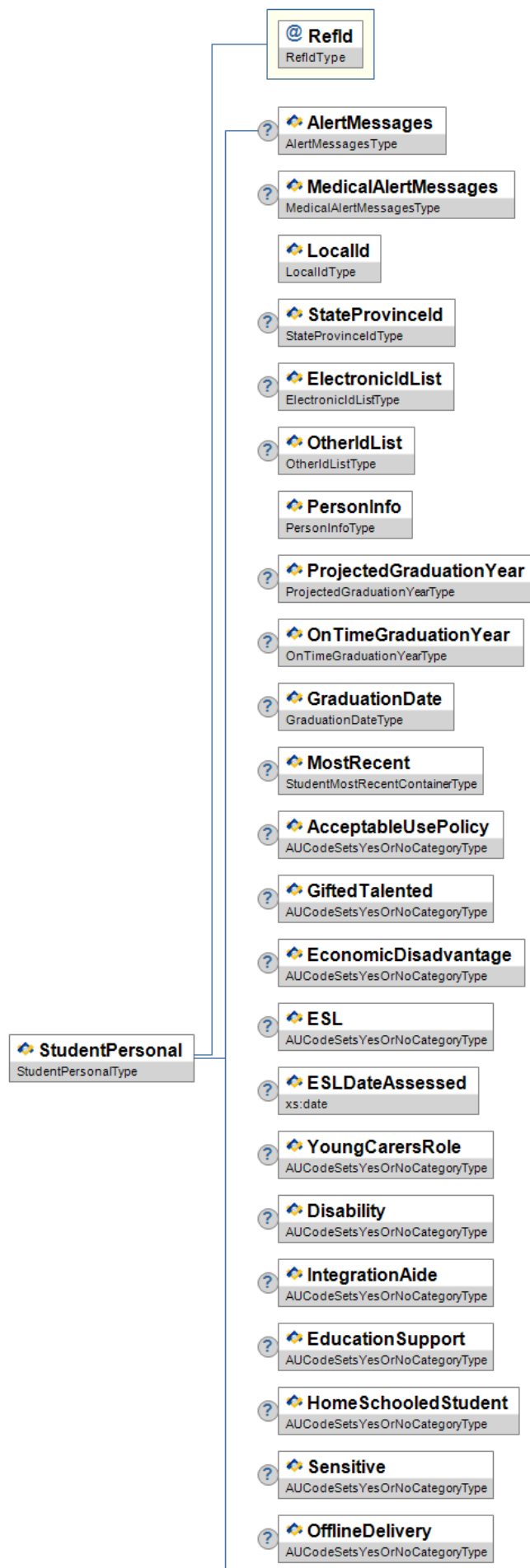
Figure 3.10.9-1: StudentPersonal

	Element/@Attribute	Char	Privacy Rating	Description	Type
	StudentPersonal		Extreme	This object contains all the personal information related to the student.	
@🔑	RefId	M	Medium	The GUID of the student.	RefIdType
	AlertMessages	O	Extreme	A list of Alert message/s associated with the student.	AlertMessagesType
	MedicalAlertMessages	O	Extreme	A list of Medical alert/s associated with the student.	MedicalAlertMessagesType
	LocalId	M	Medium	The locally-assigned identifier for this student.	LocalIdType
	StateProvinceId	O	High	The state-assigned identifier for this student.	StateProvinceIdType
	ElectronicIdList	O	Medium	Electronic identifier(s) associated with this entity.	ElectronicIdListType
	OtherIdList	O	Medium	Lists all "other" identifiers associated with the student.	OtherIdListType
	PersonInfo	M	High	Personal Information	PersonInfoType
	ProjectedGraduationYear	O	Low	Currently projected graduation year.	ProjectedGraduationYearType
	OnTimeGraduationYear	O	Low	First projected graduation year, usually determined when student is accepted into 9th grade.	OnTimeGraduationYearType
	GraduationDate	O	Low	Date student officially graduated from secondary education.	GraduationDateType
	MostRecent	O	Medium	Container for elements reflecting the most recent enrollment of a student. If the student is currently enrolled in the district, the elements contain current information.	StudentMostRecentContainerType
	AcceptableUsePolicy	O	Low	Does the student have a current signed Acceptable Use Policy document for system access?	AUCodeSetsYesOrNoCategoryType
	GiftedTalented	O	High	Is the student in Gifted/Talented programs?	AUCodeSetsYesOrNoCategoryType
	EconomicDisadvantage	O	High	Does the student meet the State criteria for classification as having an economic disadvantage?	AUCodeSetsYesOrNoCategoryType
	ESL	O	High	Does the student meet 'English as a Second Language Criteria'?	AUCodeSetsYesOrNoCategoryType
	ESLDateAssessed	O	Medium	Date ESL eligibility was assessed. Having access to the date the last ESL assessment took place enables a school or the department to initiate a new assessment if required.	xs:date
	YoungCarersRole	O	High	Is the student a carer of other family members?	AUCodeSetsYesOrNoCategoryType
	Disability	O	High	Does the student have funding for disability?	AUCodeSetsYesOrNoCategoryType
	IntegrationAide	O	High	Does the Student require an Integration Aide?	AUCodeSetsYesOrNoCategoryType
	EducationSupport	O	High	Is the student in receipt of education support?	AUCodeSetsYesOrNoCategoryType

Element/@Attribute	Char	Privacy Rating	Description	Type
HomeSchooledStudent	O	Medium	Student is not attending any school registered in the Australian School List. Mandatory if true.	AUCodeSetsYesOrNoCategoryType
Sensitive	O	High	For local use by jurisdictions where a court order, custody order or other restriction or risk exists and the student's record needs to be treated sensitively as restrictions on use apply.	AUCodeSetsYesOrNoCategoryType
OfflineDelivery	O	Low	Note that the student is unable to sit an assessment via an online delivery mode.	AUCodeSetsYesOrNoCategoryType
ESLSupport	O	High	Is the student in receipt of ESL support?	AUCodeSetsYesOrNoCategoryType
PrePrimaryEducation	O	High	Care prior to kinder enrolment (eg. Family day care/home/extended care etc).	xs:normalizedString
PrePrimaryEducationHours	O	High	Hours of attendance at care prior to kinder enrolment	AUCodeSetsPrePrimaryHoursType
FirstAUSchoolEnrollment	O	Low	Date of the first enrolment in an Australian School	xs:date
LocalCodeList	O	Extreme		LocalCodeListType
SIF_Metadata	O	Extreme		SIF_MetadataType
SIF_ExtendedElements	O	Extreme		SIF_ExtendedElementsType

Table 3.10.9-1: StudentPersonal

JSON 📋   **XML** 📋

```
<StudentPersonal RefId="7C834EA9-EDA1-2090-347F-83297E1C290C">
  <AlertMessages>
    <AlertMessage Type="Legal">Mother is legal guardian</AlertMessage>
  </AlertMessages>
  <MedicalAlertMessages>
    <MedicalAlertMessage Severity="Severe">Student has Peanut Allergy</MedicalAlertMessage>
    <MedicalAlertMessage Severity="Moderate">Student has Diabetes</MedicalAlertMessage>
  </MedicalAlertMessages>
  <LocalId>S1234567</LocalId>
  <StateProvinceId>ABC1234</StateProvinceId>
  <ElectronicIdList>
    <ElectronicId Type="03">ZZZZZZ21</ElectronicId>
    <ElectronicId Type="03">ZZZZZZ22</ElectronicId>
  </ElectronicIdList>
  <OtherIdList>
    <OtherId Type="PreviousNAPPlatformStudentId">888rdgf</OtherId>
    <OtherId Type="DiocesanStudentId">1234</OtherId>
  </OtherIdList>
  <PersonInfo>
    <Name Type="LGL">
      <FamilyName>Smith</FamilyName>
      <GivenName>Fred</GivenName>
      <FullName>Fred Smith</FullName>
    </Name>
    <OtherNames>
      <Name Type="AKA">
        <FamilyName>Anderson</FamilyName>
        <GivenName>Samuel</GivenName>
        <FullName>Samuel Anderson</FullName>
```

Example 3.10.9-1: StudentPersonal

3.10.10 StudentSchoolEnrollment

This object defines information related to a student's enrollment. StudentSchoolEnrollment has typically been for one school year, however from 3.4.8, advice is that instances MAY span multiple school years. Due to this change, SchoolYear will now become optional. EntryDate and ExitDate will define the length of the particular school enrollment.

Note: Due to the change above, the community agreed that general advice should be removed from useage of the object from 3.4.8. The implications of this are;

🔷 StudentSchoolEnrollment may span one or many years

🔷 A consumer must look to entry and exit dates as well as TimeFrame to identify a 'Current' student.

🔷 It will be up to the implementation to provide applications with advice.

🔷 This does not impact on the data structure of the StudentSchoolEnrollment object itself.

SIF_Events are reported for this object.

@ RefId
RefIdType

StudentPersonalRefId
IdRefType

SchoolInfoRefId
IdRefType

MembershipType
AUCodeSetsSchoolEnrollmentTypeType

? **LocalId**
LocalIdType

TimeFrame
AUCodeSetsEnrollmentTimeFrameType

SchoolYear
SchoolYearType

EntryDate
xs:date

? **EntryType**
StudentEntryContainerType

? **YearLevel**
YearLevelType

? **Homeroom**
HomeroomType

? **Advisor**
StaffRefIdType

? **Counselor**
StaffRefIdType

? **Homegroup**
xs:normalizedString

? **ACARASchoolId**
LocalIdType

? **ClassCode**
xs:normalizedString

? **TestLevel**
YearLevelType

? **ReportingSchool**
AUCodeSetsYesOrNoCategoryType

? **House**
xs:normalizedString

? **IndividualLearningPlan**
AUCodeSetsYesOrNoCategoryType

? **Calendar**
IdRefType

@ SIF_RefObject
↓xs:token

? **ExitDate**
xs:date

? **ExitStatus**
StudentExitStatusContainerType

? **ExitType**
StudentExitContainerType

Figure 3.10.10-1: StudentSchoolEnrollment

	Element/@Attribute	Char	Privacy Rating	Description	Type
	StudentSchoolEnrollment		High	This object defines information related to a student's enrollment. StudentSchoolEnrollment has typically been for one school year, however from 3.4.8, advice is that instances MAY span multiple school years. Due to this change, SchoolYear will now become optional. `EntryDate` and `ExitDate` will define the length of the particular school enrollment. Note: Due to the change above, the community agreed that general advice should be removed from useage of the object from 3.4.8. The implications of this are; • StudentSchoolEnrollment may span one or many years • A consumer must look to entry and exit dates as well as `TimeFrame` to identify a 'Current' student. • It will be up to the implementation to provide applications with advice. • This does not impact on the data structure of the StudentSchoolEnrollment object itself.	
@ 🔑	RefId	M	Low	The ID (GUID) that uniquely identifies a particular enrollment.	`RefIdType`
	StudentPersonalRefId	M	Low	The ID (GUID) of the student to whom this information is linked.	`IdRefType`
	SchoolInfoRefId	M	Low	The ID (GUID) of the school to which this enrollment applies.	`IdRefType`
	MembershipType	M	Low	The type of this enrollment as it relates to the school identified in SchoolInfoRefId.	`AUCodeSetsSchoolEnrollmentTypeType`
	LocalId	O	Low	The locally-assigned identifier for this student enrollment.	`LocalIdType`
	TimeFrame	M	Low	The timeframe of the enrollment based on the `SIF_Date` of last publication. For events, it is determined as of the date the event is generated. For requests and responses, it is calculated based on the date of the request.	`AUCodeSetsEnrollmentTimeFrameType`
	SchoolYear	M	Low	School year for which this enrollment is applicable, expressed as the four-digit year in which the school year ends (e.g. `2007`). StudentSchoolEnrollment instances must not span multiple school years.	`SchoolYearType`
	EntryDate	M	Low	The date from when this enrollment is valid.	`xs:date`
	EntryType	O	Low	Container elements for EntryType information	`StudentEntryContainerType`
	YearLevel	O	Low	Year or academic level of student.	`YearLevelType`
	Homeroom	O	Low	Homeroom for this enrollment.	`HomeroomType`
	Advisor	O	Low	Staff member assigned as an advisor.	`StaffRefIdType`
	Counselor	O	Low	Staff member assigned as counselor.	`StaffRefIdType`
	Homegroup	O	Low	The name of the homegroup the student enrollment belongs to.	`xs:normalizedString`
	ACARASchoolId	O	Low	ACARA School Id.	`LocalIdType`
	ClassCode	O	Low	The name of the class code the student belongs to, for the purposes of NAPLAN registration.	`xs:normalizedString`
	TestLevel	O	Low	Values: 3,5,7,9. The test level that the student is registering for.	`YearLevelType`

	Element/@Attribute	Char	Privacy Rating	Description	Type
	ReportingSchool	O	Low	Is this the school to which student's report is to be made available?	AUCodeSetsYesOrNoCategoryType
	House	O	Low	The name of the house the student belongs to.	xs:normalizedString
	IndividualLearningPlan	O	Medium	Does this student have an individual learning plan in place?	AUCodeSetsYesOrNoCategoryType
	Calendar	O	Low	The calendar assigned to this enrollment.	IdRefType
@	SIF_RefObject	M	Low	The name of the object referenced.	values: CalendarSummary
	ExitDate	C	Low	The last school calendar day of this enrollment. If the student has exited the school or the enrollment has a RecordClosureReason, ExitDate must have a value.	xs:date
	ExitStatus	O	High	Container element for exit status codes.	StudentExitStatusContainerType
	ExitType	O	High	The type of exit for this enrollment.	StudentExitContainerType
	FTE	O	Low	Full-time equivalent numeric value of the student's course load during this enrollment, expressed in decimal form, where 1.00 represents a full-time enrollment.	xs:decimal xs:minInclusive 0 xs:maxInclusive 1 xs:fractionDigits 2
	FTPTStatus	O	Low	An indication of whether the student is enrolled full time or part time.	AUCodeSetsFTPTStatusCodeType
	FFPOS	O	Low	Enrolled Full-fee Paying Overseas Student (FFPOS) Status. Enrolment Frame Element 10 NSCC Collection. The status of an enrolment in a CRICOS course and whether the person is liable for a fee which reflects the imputed full average cost of the person's education at the school (including both recurrent and capital costs) irrespective of the actual arrangements to meet the fee.	AUCodeSetsFFPOSStatusCodeType
	CatchmentStatus	O	Low	Container element for location of an individual's legal residence relative to (within or outside) the boundaries of the school for this enrolment. Enrolment Catchment Status.	CatchmentStatusContainerType
	RecordClosureReason	O	High	The reason why this enrollment was closed. The EndOfYear option must be used to convey status change due to rollover activity.	values: SchoolExit TimeDependentDataChange EndOfYear CampusExit
	PromotionInfo	O	Medium	Information on a student's promotion, retention, or demotion related to this enrollment instance.	PromotionInfoType
	PreviousSchool	O	Low	If the student has previously been enrolled at a school, i.e. student is transferring, the previous school number.	LocalIdType
	PreviousSchoolName	O	Low	If the student has previously been enrolled at a school, i.e. student is transferring, the previous school name.	xs:normalizedString
	DestinationSchool	O	Low	If the student has exited the school, the local id of the school to which the student has transferred to.	LocalIdType
	DestinationSchoolName	O	Low	If the student has exited the school, the school name to which the student has transferred to, or is transferring to.	xs:normalizedString

Element/@Attribute	Char	Privacy Rating	Description	Type
StudentSubjectChoiceList	O	Low	List of Student Subject Choices where available.	StudentSubjectChoiceListType
StartedAtSchoolDate	O	Low	First date the student was enrolled at this school if known.	xs:date
StudentGroupList	O	Medium	List of groups that this student is a member of.	StudentGroupListType
PublishingPermissionList	O	Medium	List of permissions applicable in general to publication of materials relating to the student.	PublishingPermissionListType
DisabilityLevelOfAdjustment	O	High	Level of Adjustment made for a student's disability.	**values:** QDTP Supplementary Substantial Extensive
DisabilityCategory	O	High	Category of a student's disability.	**values:** Physical Cognitive Social-Emotional Sensory
CensusAge	O	High	Age of the StudentCalculated for Non-gov Census reporting.	xs:unsignedInt
DistanceEducationStudent	O	High	Is this student a Distance Education Student for Non-gov Census reporting.	AUCodeSetsYesOrNoCategoryType
BoardingStatus	O	Medium	Is this student a Boarding or Day Student for AG Collection reporting?	AUCodeSetsBoardingType
InternationalStudent	O	High	Is this student classified as an International Student?	AUCodeSetsYesOrNoCategoryType
TravelDetails	O	High	Information on a student's travel to and from school.	TravelDetailsContainerType
LocalCodeList	O	High		LocalCodeListType
SIF_Metadata	O	High		SIF_MetadataType
SIF_ExtendedElements	O	High		SIF_ExtendedElementsType

Table 3.10.10-1: StudentSchoolEnrollment

JSON 📋   **XML** 📋

```xml
<StudentSchoolEnrollment RefId="A8C3D3E3-4B35-9D75-101D-00AA001A1652">
    <StudentPersonalRefId>D3E34B35-9D75-101A-8C3D-00AA001A1652</StudentPersonalRefId>
    <SchoolInfoRefId>D3E34B35-9D75-101A-8C3D-00AA001A1651</SchoolInfoRefId>
    <MembershipType>01</MembershipType>
    <TimeFrame>C</TimeFrame>
    <SchoolYear>2004</SchoolYear>
    <EntryDate>2004-01-29</EntryDate>
    <EntryType>
      <Code>1838</Code>
    </EntryType>
    <YearLevel>
      <Code>10</Code>
    </YearLevel>
    <Homeroom SIF_RefObject="RoomInfo">D7510D3E-34B3-591A-8C3D-00AA001A1651</Homeroom>
    <Advisor SIF_RefObject="StaffPersonal">B359D3E3-4D75-101A-8C3D-00AA001A1652</Advisor>
    <Counselor SIF_RefObject="StaffPersonal">B459D3E3-4D75-101A-8C3D-00AA001A1653</Counselor>
    <ExitType>
      <Code>1909</Code>
      <OtherCodeList>
        <OtherCode Codeset="Local">Victoria</OtherCode>
      </OtherCodeList>
    </ExitType>
    <FTE>1.00</FTE>
    <FTPTStatus>01</FTPTStatus>
    <PublishingPermissionList>
      <PublishingPermission>
        <PermissionCategory>OKMediaRelease</PermissionCategory>
        <PermissionValue>N</PermissionValue>
      </PublishingPermission>
```

Example 3.10.10-1: StudentSchoolEnrollment

3.11 Timetabling and Resource Scheduling
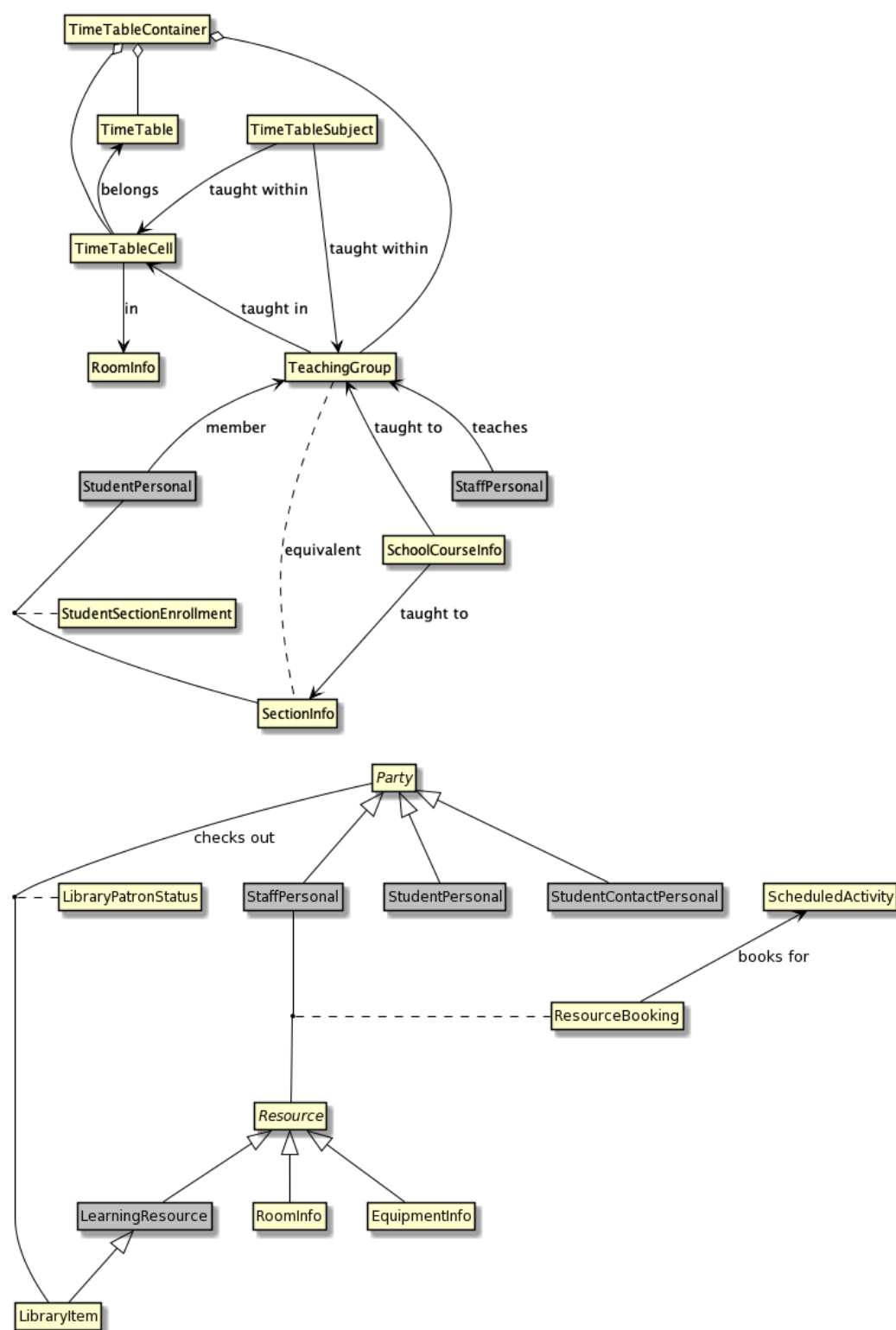
These diagrams represent the objects used in scheduling and timetabling. The objects allow schools to securely provide SIS information to the Timetabling and/or Scheduling product of their choice, and also to allow timetable records (including teaching groups and scheduled activities), to be published to a jurisdictional data hub.

3.11.1 EquipmentInfo

This object represents any resource object that is not already described in SIF AU by an existing object (such as RoomInfo or LearningResource). It is intended for use with ResourceBooking, so it can represent any bookable resource; but it is not limited to that usage. While the obvious type of equipment described for booking purposes are things like computers and projectors, the types of equipment that can be booked depends on the educational organisation, and can easily extend to things like vehicles or animals.

SIF_Events are reported for this object.
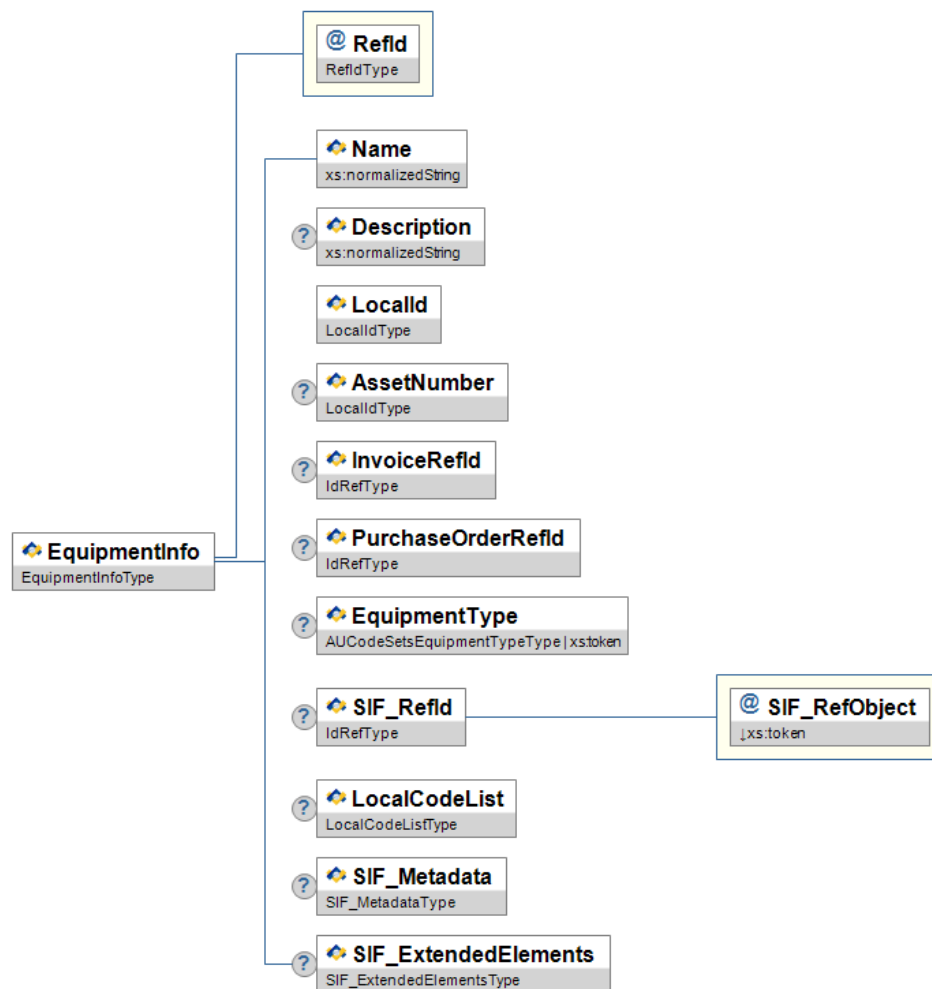
Figure 3.11.1-1: EquipmentInfo

	Element/@Attribute	Char	Privacy Rating	Description	Type
	EquipmentInfo		Low	This object represents any resource object that is not already described in SIF AU by an existing object (such as RoomInfo or LearningResource). It is intended for use with ResourceBooking, so it can represent any bookable resource; but it is not limited to that usage. While the obvious type of equipment described for booking purposes are things like computers and projectors, the types of equipment that can be booked depends on the educational organisation, and can easily extend to things like vehicles or animals.	
@🔑	RefId	M	Low	The GUID of the Object	RefIdType
	Name	M	Low	Name of the equipment.	xs:normalizedString
	Description	O	Low	Description of the equipment.	xs:normalizedString
	LocalId	M	Low	The Local Id of the equipment.	LocalIdType
	AssetNumber	O	Low	Asset number of the equipment; may be distinct from Local Id.	LocalIdType
	InvoiceRefId	O	Low	The SIF RefId of the invoice for the equipment.	IdRefType
	PurchaseOrderRefId	O	Low	The SIF RefId of the purchase order for the equipment.	IdRefType
	EquipmentType	O	Low	Type of equipment.	**union of:** AUCodeSetsEquipmentTypeType xs:token
	SIF_RefId	O	Low	The SIF RefId of the owner/location of the equipment.	IdRefType
@	SIF_RefObject	M	Low	The type of SIF object that the SIF_RefId element identifies.	**values:** SchoolInfo RoomInfo LEAInfo other
	LocalCodeList	O	Low		LocalCodeListType
	SIF_Metadata	O	Low		SIF_MetadataType
	SIF_ExtendedElements	O	Low		SIF_ExtendedElementsType

Table 3.11.1-1: EquipmentInfo

JSON 📋   **XML** 📋

```xml
<EquipmentInfo RefId="B5739375-800A-C4CC-6385-0BB2754114AA">
  <Name>Overhead Projector 3</Name>
  <LocalId>OHP3</LocalId>
  <EquipmentType>OverheadProjector</EquipmentType>
  <SIF_RefId SIF_RefObject="SchoolInfo">B7A34E56-1C97-345C-0A4E-11BB112B2753</SIF_RefId>
</EquipmentInfo>
```

Example 3.11.1-1: EquipmentInfo Example

3.11.2 LibraryPatronStatus

This object reports the current library status for the requested student or staff member. The minimum data that the object will return will be the patron's ElectronicId, the total number of materials that are checked out and overdue, and the number and amount of any fines that have been assessed to the patron. When a patron has materials that have been checked out, requested, or are overdue, the object will contain a `Transaction` element describing the details of the transaction. Likewise, any fines that have an outstanding balance will also have a `Transaction` element for the fine.

When a checked out item is returned to the library, it will not appear in the object, even if the item was overdue. Fines that have an outstanding balance will be reported, but when the fine is paid, it will not appear in the object.

The Key - RefId is a resource id, the unique for reference of this object is the Patron Type and Patron Indentifier.

SIF_Events are not reported for this object.
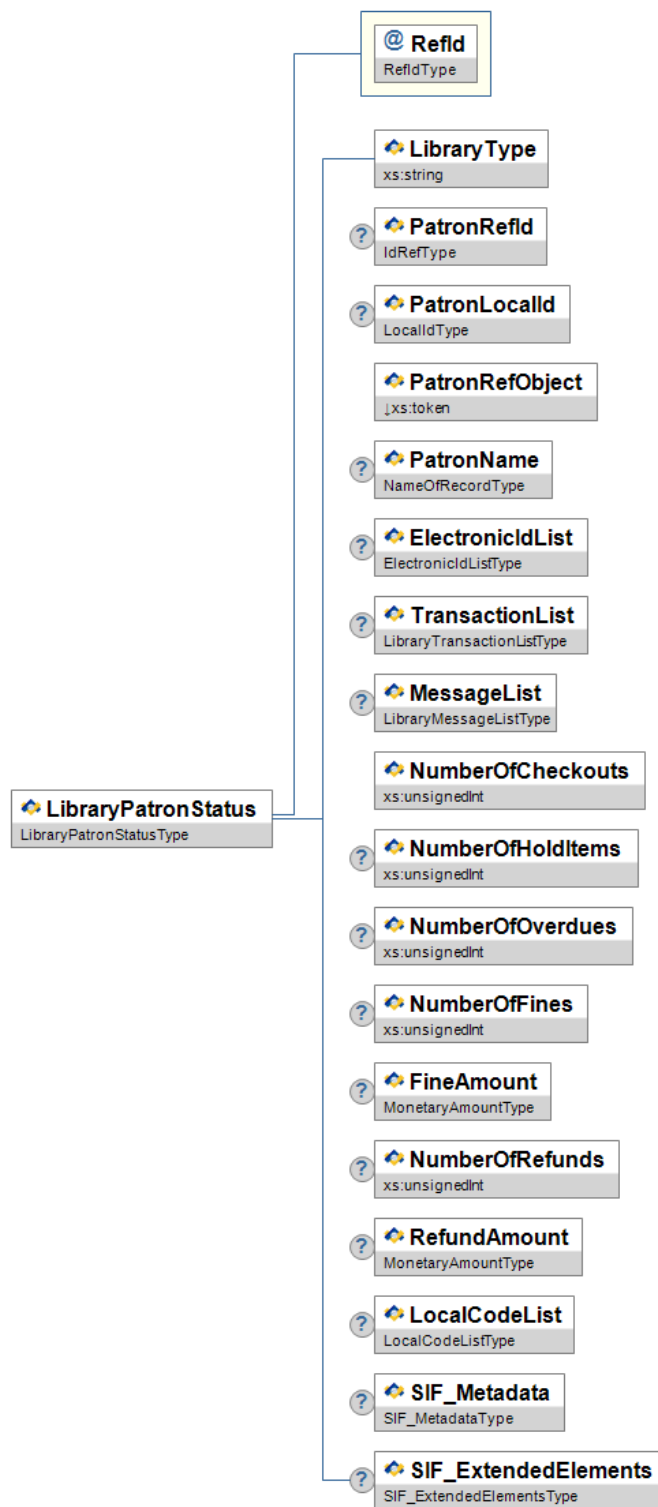
Figure 3.11.2-1: LibraryPatronStatus

Element/@Attribute	Char	Privacy Rating	Description	Type
LibraryPatronStatus		High	This object reports the current library status for the requested student or staff member.	
@ RefId	M	Low	A GUID that identifies an instance of this object. This RefId may be a transient value; that is, it SHOULD be generated by the provider at the time the object is provided in a Response message. This value MAY NOT be used in a later Request for the object.	`RefIdType`
LibraryType	M	Low	A library-defined language-independent value that refers to a specific patron type.	`xs:string`
PatronRefId	C	Low	The SIF wide unique identifier of a Patron. Either RefId or LocalId must be supplied here.	`IdRefType`
PatronLocalId	C	High	The Local unique identifier of a Patron. Either RefId or LocalId must be supplied here.	`LocalIdType`
PatronRefObject	M	Low	The type of patron mapped to a SIF supported object. Library automation products work with patrons who could be students or teachers.	**values:** `StudentPersonal` Student Patron `StaffPersonal` Staff Patron
PatronName	O	High	Name of Patron Member, optional, represents the name of the patron only at the time the object was generated.	`NameOfRecordType`
ElectronicIdList	O	Low	List of electronic identifiers associated with the patron.	`ElectronicIdListType`
TransactionList	O	High	List of transactions.	`LibraryTransactionListType`
MessageList	O	High	List of messages for/regarding the patron.	`LibraryMessageListType`
NumberOfCheckouts	M	High	The total number of items that this patron currently has checked out including overdue items.	`xs:unsignedInt`
NumberOfHoldItems	O	High	The total number of items that this patron currently has on hold.	`xs:unsignedInt`
NumberOfOverdues	O	High	The total number of checkouts that are currently overdue.	`xs:unsignedInt`
NumberOfFines	O	High	The total number of fines currently assessed to this patron.	`xs:unsignedInt`
FineAmount	O	High	The total monetary amount of the fines that this patron currently owes the library expressed as a positive number.	`MonetaryAmountType`
NumberOfRefunds	O	High	The total number of refunds currently credited to this patron.	`xs:unsignedInt`
RefundAmount	O	High	The total monetary amount of the refunds that the library currently owes the patron expressed as a positive number.	`MonetaryAmountType`
LocalCodeList	O	High		`LocalCodeListType`
SIF_Metadata	O	High		`SIF_MetadataType`
SIF_ExtendedElements	O	High		`SIF_ExtendedElementsType`

Table 3.11.2-1: LibraryPatronStatus

JSON 📋 **XML** 📋

```
<LibraryPatronStatus RefId="D3E34B35-9D75-101A-8C3D-00AA001A1652">
  <LibraryType>S</LibraryType>
  <PatronRefId>5DE34B35-9D75-101A-8C3D-00AA001A1652</PatronRefId>
  <PatronLocalId>MAR01</PatronLocalId>
  <PatronRefObject>StudentPersonal</PatronRefObject>
  <ElectronicIdList>
    <ElectronicId Type="01">P 7676</ElectronicId>
    <ElectronicId Type="02">201906300007676JJI</ElectronicId>
    <ElectronicId Type="03">1234</ElectronicId>
    <ElectronicId Type="04">0EF3098055921FEDC008FEEB</ElectronicId>
  </ElectronicIdList>
  <TransactionList>
    <Transaction>
      <ItemInfo Type="LibraryMaterial">
        <Title>Redwall</Title>
        <Author>Brian Jacques</Author>
        <ElectronicId Type="01">T 311</ElectronicId>
        <CallNumber>YA JACQ</CallNumber>
        <Cost>6.99</Cost>
        <ReplacementCost>7.5</ReplacementCost>
      </ItemInfo>
      <CheckoutInfo>
        <ReturnBy>2019-01-04T23:59:59-05:00</ReturnBy>
      </CheckoutInfo>
      <FineInfoList>
        <FineInfo Type="Overdue">
          <Assessed>2019-01-06T13:19:00-05:00</Assessed>
          <Description>ESTIMATED FINE FOR OVERDUE ITEM</Description>
          <Amount>0.50</Amount>
```

3.11.3 ResourceBooking

This object represents a booking for any resource for a single contiguous time period. This could be either a room or another resource, such as equipment.

SIF_Events are reported for this object.
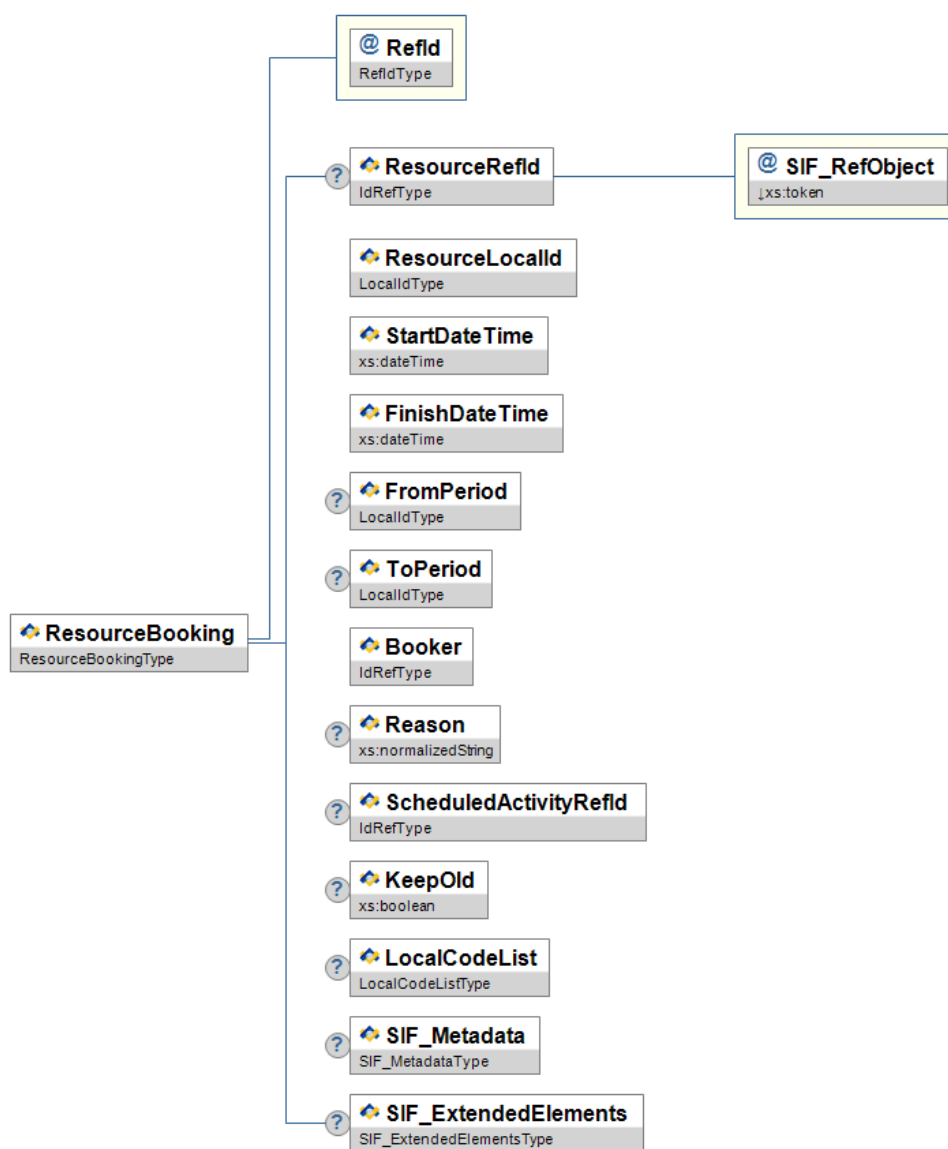
Figure 3.11.3-1: ResourceBooking

	Element/@Attribute	Char	Privacy Rating	Description	Type
	ResourceBooking		Low	This object represents a booking for any resource for a single contiguous time period. This could be either a room or another resource, such as equipment.	
@ 🔑	RefId	M	Low	The GUID of the Object	`RefIdType`
	ResourceRefId	O	Low	The ID (GUID) of the resource being booked. Provided only if the resource being booked is a SIF object with a GUID.	`IdRefType`
@	SIF_RefObject	M	Low	The type of SIF object that the ResourceRefId element identifies.	**values:** `RoomInfo` `EquipmentInfo` `LearningResource`
	ResourceLocalId	M	Low	The Local Id of the resource being booked. Provided whether the resource is a SIF object or not.	`LocalIdType`
	StartDateTime	M	Low	Starting date and time for booking.	`xs:dateTime`
	FinishDateTime	M	Low	Finish date and time for booking.	`xs:dateTime`
	FromPeriod	O	Low	Starting period for booking. If specified, the booking is intended to align with bell times.	`LocalIdType`
	ToPeriod	O	Low	Finish period for booking. If specified, the booking is intended to align with bell times.	`LocalIdType`
	Booker	M	Low	Indicates who booked the room. Points to a StaffPersonal record. This will normally (but not necessarily) be the teacher who will be occupying the room.	`IdRefType`
	Reason	O	Low	A free-text explanation of the reason for the room booking.	`xs:normalizedString`
	ScheduledActivityRefId	O	Low	Links the room-booking to a ScheduledActivity.	`IdRefType`
	KeepOld	O	Low	If ScheduledActivity is provided, 'true' means the booker wishes to retain all rooms already specified for the ScheduledActivity. 'false' means that room(s)/resources are now available for other uses.	`xs:boolean`
	LocalCodeList	O	Low		`LocalCodeListType`
	SIF_Metadata	O	Low		`SIF_MetadataType`
	SIF_ExtendedElements	O	Low		`SIF_ExtendedElementsType`

Table 3.11.3-1: ResourceBooking

JSON 📄   **XML** 📄

```xml
<ResourceBooking RefId="B5739375-800A-C4CC-6385-0BB2754114AA">
  <ResourceRefId SIF_RefObject="LearningResource">B7A34E56-1C97-345C-0A4E-11BB112B2753</ResourceRefId>
  <ResourceLocalId>ZXY789</ResourceLocalId>
  <StartDateTime>2011-01-01T16:30:00</StartDateTime>
  <FinishDateTime>2011-01-01T17:30:00</FinishDateTime>
  <FromPeriod>3</FromPeriod>
  <ToPeriod>3</ToPeriod>
  <Booker>98157AA0-13BA-8C3D-00AA-012B359D7512</Booker>
  <ScheduledActivityRefId>A75A0010-1A8C-301D-02E3-A05B359D0A00</ScheduledActivityRefId>
  <KeepOld>false</KeepOld>
</ResourceBooking>
```

Example 3.11.3-1: ResourceBooking Example

3.11.4 RoomInfo

This object contains all of the information about a school's room. This object may contain a reference to a room type so that it may represent anything from a gym, cafeteria, to a standard classroom. The StaffList element usually contains the homeroom teacher.

SIF_Events are reported for this object.
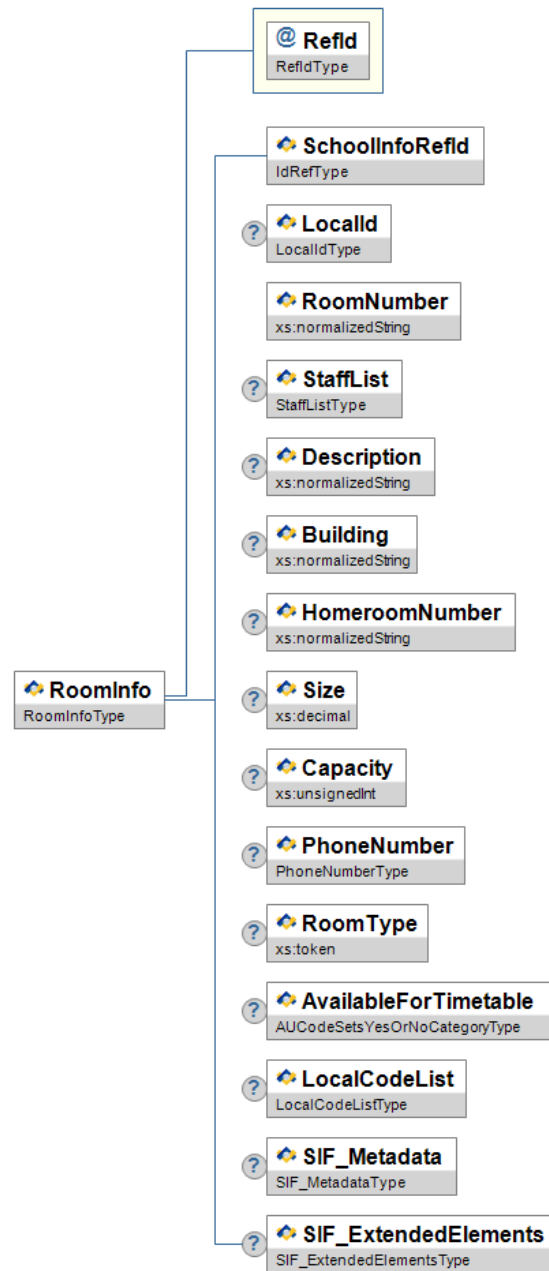
Figure 3.11.4-1: RoomInfo

	Element/@Attribute	Char	Privacy Rating	Description	Type
	RoomInfo		Low	This object contains all of the information about a school's room. This object may contain a reference to a room type so that it may represent anything from a gym, cafeteria, to a standard classroom. The StaffList element usually contains the homeroom teacher.	
@ 🔑	RefId	M	Low	GUID that identifies this room.	RefIdType
	SchoolInfoRefId	M	Low	GUID that identifies the school that this room belongs to.	IdRefType
	LocalId	O	Low	The locally assigned identifier for the room.	LocalIdType
	RoomNumber	M	Low	Room number as presented to the user/application. It is intended to be human readable and user-friendly corresponding to the physical label of the Room.	xs:normalizedString
	StaffList	O	Low	A list of GUIDs that identify the staff person assigned to this room (e.g. the homeroom teacher).	StaffListType
	Description	O	Low	Friendly name that can be assigned to the room (e.g. `Staff Cafeteria`).	xs:normalizedString
	Building	O	Low	Extra building information. In the future Building could become its own object in which case this element will need to be changed to a RefId. Currently it is only required as a free text field.	xs:normalizedString
	HomeroomNumber	O	Low	When a room is designated as a homeroom it may have a different number. Usually blank when room is not a homeroom.	xs:normalizedString
	Size	O	Low	Size in square meters.	xs:decimal
	Capacity	O	Low	Number of persons (usually students) that this room can hold.	xs:unsignedInt
	PhoneNumber	O	Low	Phone number for the room	PhoneNumberType
	RoomType	O	Low	Type of room, for use in timetabling.	xs:token
	AvailableForTimetable	O	High	Is this Room available to be Timetabled?	AUCodeSetsYesOrNoCategoryType
	LocalCodeList	O	Low		LocalCodeListType
	SIF_Metadata	O	Low		SIF_MetadataType
	SIF_ExtendedElements	O	Low		SIF_ExtendedElementsType

Table 3.11.4-1: RoomInfo

JSON 📋   **XML** 📋

```xml
<RoomInfo RefId="D3E34B35-9D75-101A-8C3D-00AA001A1652">
  <SchoolInfoRefId>A2E35B35-9D75-101A-8C3D-00AA001A0000</SchoolInfoRefId>
  <RoomNumber>101</RoomNumber>
  <StaffList>
    <StaffPersonalRefId>A8C3A2E3-5B35-9D75-101D-00AA001A0000</StaffPersonalRefId>
  </StaffList>
  <Description>Room 101</Description>
  <Building>Main A</Building>
  <HomeroomNumber>10-HR-A</HomeroomNumber>
  <Size>400</Size>
  <Capacity>35</Capacity>
  <PhoneNumber Type="0096">
    <Number>(02) 9555-1234</Number>
  </PhoneNumber>
  <AvailableForTimetable>Y</AvailableForTimetable>
</RoomInfo>
```

Example 3.11.4-1: RoomInfo Example

3.11.5 ScheduledActivity

This object provides a broader range of scheduled activities than just normal teaching classes (as covered by SessionInfo).

SIF_Events are reported for this object.

@ RefId
RefIdType

SchoolInfoRefId
IdRefType

TimeTableCellRefId
IdRefType

DayId
LocalIdType

PeriodId
LocalIdType

TimeTableRefId
IdRefType

ActivityDate
xs:date

StartTime
xs:time

FinishTime
xs:time

CellType
xs:normalizedString

TimeTableSubjectRefId
IdRefType

TeacherList
ScheduledTeacherListType

RoomList
RoomListType

ScheduledActivity
ScheduledActivityType

AddressList
AddressListType

Location
xs:normalizedString

ActivityType
AUCodeSetsScheduledActivityTypeType

ActivityName
xs:normalizedString

ActivityComment
xs:normalizedString

StudentList
StudentsType

TeachingGroupList
TeachingGroupListType

YearLevels
YearLevelsType

Override
ScheduledActivityOverrideType

LocalCodeList
LocalCodeListType

SIF_Metadata
SIF_MetadataType

Figure 3.11.5-1: ScheduledActivity

	Element/@Attribute	Char	Privacy Rating	Description	Type
	ScheduledActivity		Low	This object provides a broader range of scheduled activities than just normal teaching classes (as covered by SessionInfo).	
@🔑	RefId	M	Low	The GUID of the Object	RefIdType
	SchoolInfoRefId	M	Low	The ID (GUID) of the school for which this attendance information is being reported.	IdRefType
	TimeTableCellRefId	O	Low	An optional Id (GUID) for the timetable cell that this activity is scheduled in. Instances of cyclical classroom sessions will have this element, but one-off events such as excursions will not use this element.	IdRefType
	DayId	O	Low	Day Id.	LocalIdType
	PeriodId	O	Low	Period Id within the Day Id	LocalIdType
	TimeTableRefId	O	Low	The GUID of the TimeTable to which this Cell belongs	IdRefType
	ActivityDate	M	Low	Date for which the activity is scheduled. This element is mandatory even if the object is used for preplanning excursions: a tentative or notional date and time should be provided if a finalised date is not available.	xs:date
	StartTime	M	Low	Starting time for activity. This element is mandatory even if the object is used for preplanning excursions: a tentative or notional date and time should be provided if a finalised date is not available.	xs:time
	FinishTime	M	Low	Finish time for activity. This element is mandatory even if the object is used for preplanning excursions: a tentative or notional date and time should be provided if a finalised date is not available.	xs:time
	CellType	O	Low	Type of Lesson/Session eg Teaching, Lunch etc.	xs:normalizedString
	TimeTableSubjectRefId	O	Low	Optional to link the GUID of the Subject, if this is a piece of curriculum being scheduled.	IdRefType
	TeacherList	O	Low	A listing of the teachers assigned to the activity, and the type of supervision they are credited with. If no teachers are listed, the activity is assumed to be unsupervised.	ScheduledTeacherListType
	RoomList	O	Low	List of rooms in which the scheduled activity is held. Used for onsite venues which are represented in the source system as rooms. Can include large venues (ovals, library, etc), if they have been represented as rooms; source system practice varies.	RoomListType
	AddressList	O	Low	The address(es) associated with the scheduled activity.	AddressListType
	Location	O	Low	Text description of venue. Can be used for either onsite or offsite venues. Can be used if neither RoomList nor AddressList is appropriate or supported by the source system. (E.g. the venue is the oval, which is not represented as a room; the venue is a specific part of the park). If RoomList, AddressList, and Location conflict, the order of priority in interpreting the object is RoomList, then AddressList, then Location.	xs:normalizedString
	ActivityType	O	Low	The type of activity undertaken.	AUCodeSetsScheduledActivityTypeType

Element/@Attribute	Char	Privacy Rating	Description	Type
ActivityName	O	Low	This element is required if this is a one-off event, i.e. there is no TimeTableCellRefId provided, in order for excursions to be uniquely identified.	xs:normalizedString
ActivityComment	O	Low	Allows free-text information, e.g. for excursions. Comment should not be used to identify the location of the venue, since the contents of Comment are open-ended.	xs:normalizedString
StudentList	O	Low	Students who are scheduled to attend the event. Not required for cyclical events, as this would be expected to be provided from TimeTableCell/TeachingGroup instead.	StudentsType
TeachingGroupList	O	Low	Teaching groups which are scheduled to attend the event. Not required for cyclical events, as this would be expected to be provided from TimeTableCell/TeachingGroup instead.	TeachingGroupListType
YearLevels	O	Low	List of year levels offered by the school.	YearLevelsType
Override	O	Low	This flag should be used to indicate whether or not this ScheduledActivity overrides a previous ScheduledActivity. In any initial provisioning this element should NOT be provided.	ScheduledActivityOverrideType
LocalCodeList	O	Low		LocalCodeListType
SIF_Metadata	O	Low		SIF_MetadataType
SIF_ExtendedElements	O	Low		SIF_ExtendedElementsType

Table 3.11.5-1: ScheduledActivity

JSON 📋   **XML** 📋

```xml
<ScheduledActivity RefId="BD3E34B3-59D7-5101-A8C3-D00AA001A165">
  <SchoolInfoRefId>B7A34E56-1C97-345C-0A4E-11BB112B2753</SchoolInfoRefId>
  <TimeTableCellRefId>FDF05286-9094-4405-96B3-D6CC0ED5F00B</TimeTableCellRefId>
  <DayId>1</DayId>
  <TimeTableRefId>2A7F0D96-3E99-4B83-A958-690C360A36C2</TimeTableRefId>
  <ActivityDate>2014-10-10</ActivityDate>
  <StartTime>12:05:00</StartTime>
  <FinishTime>13:30:00</FinishTime>
  <TeacherList>
    <TeacherCover>
      <StaffPersonalRefId>98157AA0-13BA-8C3D-00AA-012B359D7512</StaffPersonalRefId>
      <StaffLocalId>US8923</StaffLocalId>
      <StartTime>12:05:00</StartTime>
      <FinishTime>13:00:00</FinishTime>
      <Credit>In-Lieu</Credit>
      <Supervision>MinimalSupervision</Supervision>
      <Weighting>0.5</Weighting>
    </TeacherCover>
    <TeacherCover>
      <StaffPersonalRefId>A75A0010-1A8C-301D-02E3-A05B359D0A00</StaffPersonalRefId>
      <StaffLocalId>ZY3213</StaffLocalId>
      <StartTime>13:00:00</StartTime>
      <FinishTime>13:30:00</FinishTime>
      <Credit>Extra</Credit>
      <Supervision>MinimalSupervision</Supervision>
      <Weighting>0.5</Weighting>
    </TeacherCover>
  </TeacherList>
  <RoomList>
```

Example 3.11.5-1: ScheduledActivity Example

3.11.6 SchoolCourseInfo

This object is for course information.

All local ids in non-authoritative objects are optional. It is therefore up to the provider and the actual agent's design and choreography to determine whether or not to use or local ids from parent objects. There are cases in some subscribing systems where it might not possible to add RefId columns and therefore the RefId of related objects cannot be stored. For example a target system that listens to TimeTableSubject events and updates them may not be able to store the associated SchoolCourseInfoRefId with that object. The only way it can link the TimeTableSubject object with the appropriate course might be through its local course id. Having local ids that link the parent objects with the child object can simplify the agent design. Generally it is suggested to use the appropriate RefIds whenever possible and only use local ids if there is no other way to use RefIds.

SIF_Events are reported for this object.

Figure 3.11.6-1: SchoolCourseInfo

	Element/@Attribute	Char	Privacy Rating	Description	Type
	SchoolCourseInfo		Low	This object is for course information. All local ids in non-authoritative objects are optional. It is therefore up to the provider and the actual agent's design and choreography to determine whether or not to use or local ids from parent objects. There are cases in some subscribing systems where it might not possible to add RefId columns and therefore the RefId of related objects cannot be stored. For example a target system that listens to TimeTableSubject events and updates them may not be able to store the associated SchoolCourseInfoRefId with that object. The only way it can link the TimeTableSubject object with the appropriate course might be through its local course id. Having local ids that link the parent objects with the child object can simplify the agent design. Generally it is suggested to use the appropriate RefIds whenever possible and only use local ids if there is no other way to use RefIds.	
@ 🔑	RefId	M	Low	The ID (GUID) that uniquely identifies the school course.	`RefIdType`
	SchoolInfoRefId	M	Low	The ID (GUID) that identifies the school where the course is offered.	`IdRefType`
	SchoolLocalId	O	Low	The locally-assigned identifier for this school/campus.	`LocalIdType`
	SchoolYear	C	Low	School year for which the information is applicable, expressed as the four-digit year in which the school year ends (e.g. `2007`).	`SchoolYearType`
	TermInfoRefId	C	Low	The ID (GUID) that uniquely identifies this TermInfo (reportable time period). Either SchoolYear or TermInfoRefId must be provided.	`IdRefType`
	CourseCode	M	Low	School-defined local code for the course.	`xs:normalizedString`
	StateCourseCode	O	Low	State-defined standard course code used to report information about courses.	`xs:normalizedString`
	DistrictCourseCode	O	Low	The corresponding district course code.	`xs:normalizedString`
	SubjectAreaList	O	Low	Subject matter areas.	`SubjectAreaListType`
	CourseTitle	M	Low	Title of the course.	`xs:normalizedString`
	Description	O	Low	Textual description of the course.	`xs:normalizedString`
	InstructionalLevel	O	Low	An indication of the general nature and difficulty of instruction provided.	`xs:normalizedString`
	CourseCredits	O	Low	The number of credits awarded upon course completion.	`xs:normalizedString`
	CoreAcademicCourse	O	Low	Does the course meet the state definition of a core academic course?	`AUCodeSetsYesOrNoCategoryType`
	GraduationRequirement	O	Low	Does the state require that the course be completed for graduation?	`AUCodeSetsYesOrNoCategoryType`
	Department	O	Low	Department with jurisdiction over this course.	`xs:normalizedString`
	CourseContent	O	Low	Description of course content.	`xs:normalizedString`
	LocalCodeList	O	Low		`LocalCodeListType`

	Element/@Attribute	Char	Privacy Rating	Description	Type
	SIF_Metadata	O	Low		SIF_MetadataType
	SIF_ExtendedElements	O	Low		SIF_ExtendedElementsType

Table 3.11.6-1: SchoolCourseInfo

JSON 📋   **XML** 📋

```xml
<SchoolCourseInfo RefId="9D75101A-8C3D-00AA-001A-0000A2E35B35">
   <SchoolInfoRefId>101A8C3D-00AA-001A-0000-A2E35B359D75</SchoolInfoRefId>
   <SchoolYear>2006</SchoolYear>
   <CourseCode>CS101</CourseCode>
   <StateCourseCode>08-001</StateCourseCode>
   <DistrictCourseCode>CS101</DistrictCourseCode>
   <SubjectAreaList>
      <SubjectArea>
         <Code>Graphic Arts</Code>
      </SubjectArea>
   </SubjectAreaList>
   <CourseTitle>Gif, JPeg, or Png: What's the Difference?</CourseTitle>
   <Description>Explore the various types of files related to graphic arts.</Description>
   <InstructionalLevel>0571</InstructionalLevel>
   <CourseCredits>2</CourseCredits>
   <CoreAcademicCourse>N</CoreAcademicCourse>
   <GraduationRequirement>N</GraduationRequirement>
</SchoolCourseInfo>
```

Example 3.11.6-1: SchoolCourseInfo Example

3.11.7 SectionInfo

This object provides information about the section, the specific time period a session of the course meets. Australian Implementations have been using TeachingGroup as a representation of a class;

SIF_Events are reported for this object.
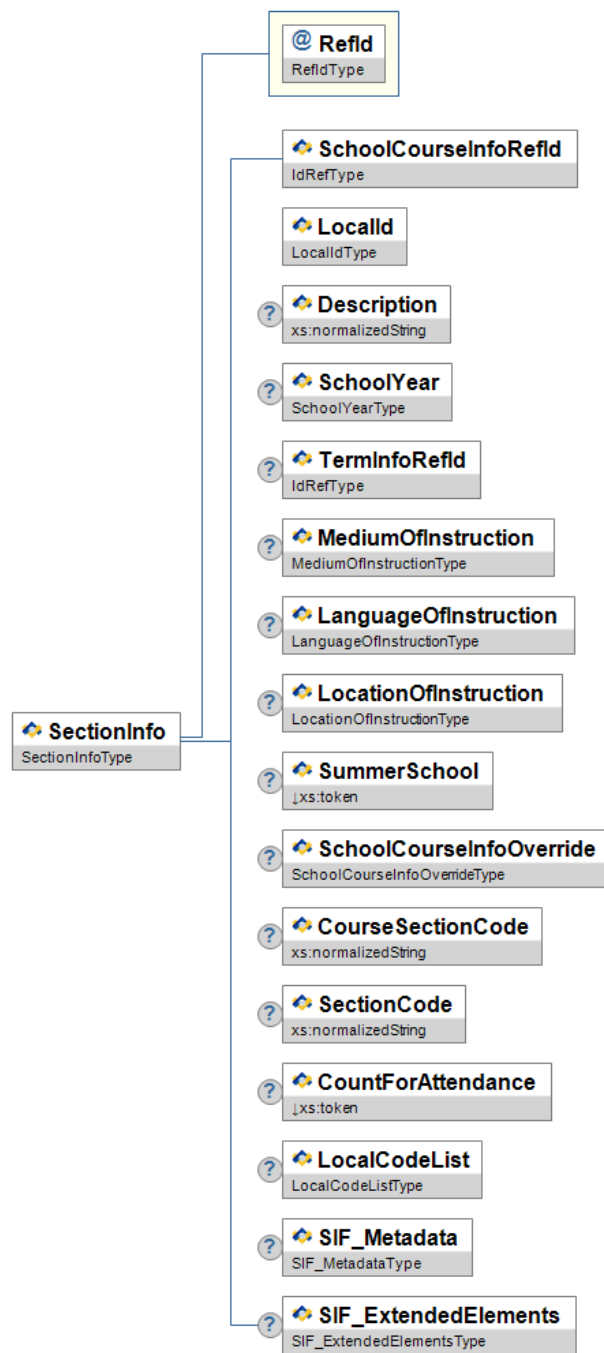
Figure 3.11.7-1: SectionInfo

Element/@Attribute	Char	Privacy Rating	Description	Type
SectionInfo		Low	This object provides information about the section, the specific time period a session of the course meets. Australian Implementations have been using TeachingGroup as a representation of a class;	
@ 🔑 RefId	M	Low	The Id (GUID) that uniquely identifies this section entity.	RefIdType
SchoolCourseInfoRefId	M	Low	The Id (GUID) that identifies the course being taught in this section.	IdRefType
LocalId	M	Low	The locally-assigned identifier for this course section.	LocalIdType
Description	O	Low	Description of the course section.	xs:normalizedString
SchoolYear	C	Low	School year for which the information is applicable, expressed as the four-digit year in which the school year ends (e.g. 2013 for the 2013 school year). Either SchoolYear or TermInfoRefId must be provided.	SchoolYearType
TermInfoRefId	C	Low	The Id (GUID) of the term to which this schedule information relates. Either TermInfoRefId or SchoolYear must be provided.	IdRefType
MediumOfInstruction	O	Low	Medium through which the student receives instructional communication from the teacher.	MediumOfInstructionType
LanguageOfInstruction	O	Low	Language in which the section is taught.	LanguageOfInstructionType
LocationOfInstruction	O	Low	Description of the location in which the section is taught.	LocationOfInstructionType
SummerSchool	O	Low	Is this a summer school assignment?	**values:** Yes No
SchoolCourseInfoOverride	O	Low	Optional overrides of the course information for this section.	SchoolCourseInfoOverrideType
CourseSectionCode	O	Low	A section code that is linked to a course. This should be a unique identifier within the school year and course (i.e. the class instance number for a course). For example, Algebra I: Section 23 is different from English II: Section 23.	xs:normalizedString
SectionCode	O	Low	A unique identifier of the section for the school year and across courses (i.e. unique across all courses). For example, Algebra I sections range from 00122 to 00140 and English II courses range from 00141 to 00152.	xs:normalizedString
CountForAttendance	O	Low	Indicates if attendance in this section is collected and used in attendance calculations.	**values:** Yes No
LocalCodeList	O	Low		LocalCodeListType
SIF_Metadata	O	Low		SIF_MetadataType
SIF_ExtendedElements	O	Low		SIF_ExtendedElementsType

Table 3.11.7-1: SectionInfo

JSON 📋   **XML** 📋

```
<SectionInfo RefId="D3E34B35-9D75-101A-8C3D-00AA001A1652">
  <SchoolCourseInfoRefId>101A8C3D-00AA-001A-0000-A2E35B359D75</SchoolCourseInfoRefId>
  <LocalId>287-1</LocalId>
  <SchoolYear>2013</SchoolYear>
  <MediumOfInstruction>
    <Code>0605</Code>
  </MediumOfInstruction>
  <LanguageOfInstruction>
    <Code>1201</Code>
  </LanguageOfInstruction>
  <LocationOfInstruction>
    <Code>0340</Code>
    <OtherCodeList>
      <OtherCode Codeset="Text">NSW DEC</OtherCode>
    </OtherCodeList>
  </LocationOfInstruction>
  <SchoolCourseInfoOverride Override="Yes">
    <CourseCode>CS101A</CourseCode>
    <StateCourseCode>08-001A</StateCourseCode>
    <DistrictCourseCode>CS101A</DistrictCourseCode>
    <SubjectArea>
      <Code>05</Code>
      <OtherCodeList>
        <OtherCode Codeset="Text">Graphic Arts for Beginners</OtherCode>
      </OtherCodeList>
    </SubjectArea>
    <CourseTitle>Graphics Basics</CourseTitle>
    <InstructionalLevel>Graduate Certificate II</InstructionalLevel>
  </SchoolCourseInfoOverride>
```
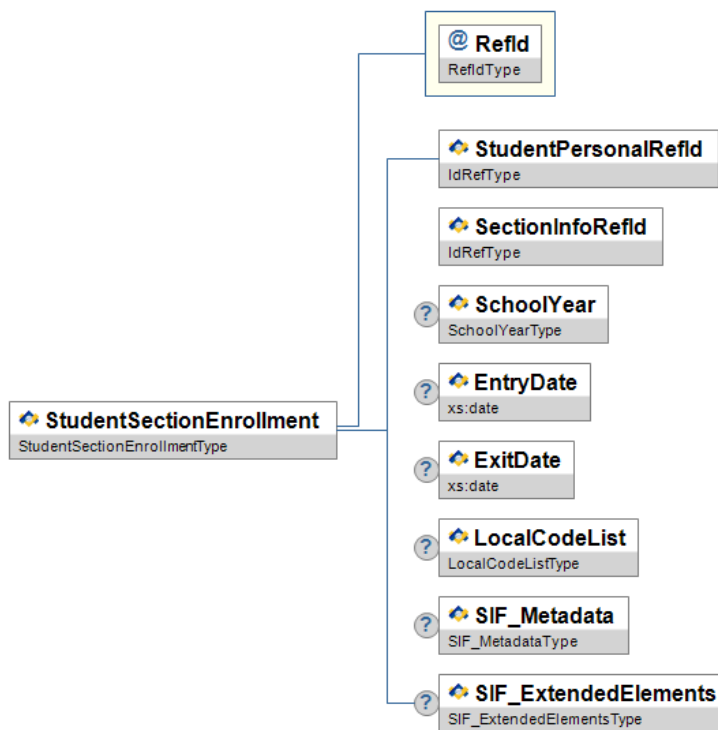

Figure 3.11.8-1: StudentSectionEnrollment

	Element/@Attribute	Char	Privacy Rating	Description	Type
	StudentSectionEnrollment			This object contains information about a student's enrollment in a section of a course.	
@ 🔑	RefId	M		The Id (GUID) that uniquely identifies this StudentSectionEnrollment entity.	RefIdType
	StudentPersonalRefId	M		The Id (GUID) of the student to whom the enrollment information applies.	IdRefType
	SectionInfoRefId	M		The Id (GUID) of the section in which this student is enrolled.	IdRefType
	SchoolYear	O		School year for which the information is applicable, expressed as the four-digit year. e.g. `2013`	SchoolYearType
	EntryDate	O		Date from when this course section enrollment is valid.	xs:date
	ExitDate	O		The last school calendar day (membership day) the student was enrolled in the course section (inclusive).	xs:date
	LocalCodeList	O	High		LocalCodeListType
	SIF_Metadata	O	High		SIF_MetadataType
	SIF_ExtendedElements	O	High		SIF_ExtendedElementsType

Table 3.11.8-1: StudentSectionEnrollment

JSON 📋   **XML** 📋

```
<StudentSectionEnrollment RefId="983AC165-9879-3002-C3D0-0AA00456789D">
  <StudentPersonalRefId>CAE29316-5987-101A-8C3D-00AA00456789</StudentPersonalRefId>
  <SectionInfoRefId>9076AB23-E386-112B-7EA2-256100BB3312</SectionInfoRefId>
  <SchoolYear>2013</SchoolYear>
  <EntryDate>2013-02-02</EntryDate>
  <ExitDate>2013-11-15</ExitDate>
</StudentSectionEnrollment>
```

Example 3.11.8-1: StudentSectionEnrollment

3.11.9 TeachingGroup

This object identifies a particular Teaching Group or class in a particular a time table.

The proposed object is based on the UK B1: TeachingGroup object. For the Australian object, a subject being taught at any one year level can have more than one teaching group in any one time table. Also a teaching group can be brought together for more than one subject.

All local ids in non-authoritative objects are optional. It is therefore up to the provider and the actual agent's design and choreography to determine whether or not to use or local ids from parent objects. There are cases in some subscribing systems where it might not possible to add RefId columns and therefore the RefId of related objects cannot be stored. For example a target system that listens to TimeTableSubject events and updates them may not be able to store the associated SchoolCourseInfoRefId with that object. The only way it can link the TimeTableSubject object with the appropriate course might be through its local course id. Having local ids that link the parent objects with the child object can simplify the agent design. Generally it is suggested to use the appropriate RefIds whenever possible and only use local ids if there is no other way to use RefIds.

SIF_Events are reported for this object.

@ RefId
RefIdType

SchoolYear
SchoolYearType

LocalId
LocalIdType

ShortName
xs:normalizedString

LongName
xs:normalizedString

GroupType
xs:normalizedString

Set
xs:normalizedString

Block
xs:normalizedString

CurriculumLevel
xs:normalizedString

SchoolInfoRefId
RefIdType

SchoolLocalId
LocalIdType

SchoolCourseInfoRefId
RefIdType

TeachingGroup
TeachingGroupType

SchoolCourseLocalId
LocalIdType

TimeTableSubjectRefId
RefIdType

TimeTableSubjectLocalId
LocalIdType

KeyLearningArea
AUCodeSetsACStrandType

Semester
xs:unsignedInt

StudentList
StudentListType

TeacherList
TeacherListType

MinClassSize
xs:integer

MaxClassSize
xs:integer

TeachingGroupPeriodList
TeachingGroupPeriodListType

LocalCodeList
LocalCodeListType

SIF_Metadata
SIF_MetadataType

Figure 3.11.9-1: TeachingGroup

	Element/@Attribute	Char	Privacy Rating	Description	Type
	TeachingGroup		Medium	This object identifies a particular Teaching Group or class in a particular a time table. The proposed object is based on the UK B1: TeachingGroup object. For the Australian object, a subject being taught at any one year level can have more than one teaching group in any one time table. Also a teaching group can be brought together for more than one subject. All local ids in non-authoritative objects are optional. It is therefore up to the provider and the actual agent's design and choreography to determine whether or not to use or local ids from parent objects. There are cases in some subscribing systems where it might not possible to add RefId columns and therefore the RefId of related objects cannot be stored. For example a target system that listens to TimeTableSubject events and updates them may not be able to store the associated SchoolCourseInfoRefId with that object. The only way it can link the TimeTableSubject object with the appropriate course might be through its local course id. Having local ids that link the parent objects with the child object can simplify the agent design. Generally it is suggested to use the appropriate RefIds whenever possible and only use local ids if there is no other way to use RefIds.	
@ 🔑	RefId	M	Low	The GUID of the TeachingGroup	`RefIdType`
	SchoolYear	M	Low	School year for which the information is applicable, expressed as the four-digit year in which the school year ends (e.g., "2007").	`SchoolYearType`
	LocalId	M	Low	LocalId of the Teaching Group (previously ClassIndicator).	`LocalIdType`
	ShortName	M	Low	Short free format label that describes the group.	`xs:normalizedString`
	LongName	O	Low	Longer description if required.	`xs:normalizedString`
	GroupType	O	Low	Added to allow local implementations to filter on categories of Teaching Group. Where there is a need to filter particular groups based on their types for particular functions; group type provides the means of identifying the type of group such as roll class or subject class for instance and treat them accordingly.	`xs:normalizedString`
	Set	O	Low	Set Number (UK)	`xs:normalizedString`
	Block	O	Low	Block (UK)	`xs:normalizedString`
	CurriculumLevel	O	Low	Assessment Stage eg VELS Level	`xs:normalizedString`
	SchoolInfoRefId	O	Low	GUID of SchoolInfo object this teaching group belongs to.	`RefIdType`
	SchoolLocalId	O	Low	Local School Id.	`LocalIdType`
	SchoolCourseInfoRefId	O	Low	GUID of SchoolCourseInfo object this teaching group is part of.	`RefIdType`
	SchoolCourseLocalId	O	Low	Local Course Id.	`LocalIdType`
	TimeTableSubjectRefId	O	Low	GUID of TimeTableSubject object this teaching group belongs to.	`RefIdType`
	TimeTableSubjectLocalId	O	Low	Local subject Id.	`LocalIdType`
	KeyLearningArea	O	Low	Key Learning Area - map to ACStrand in Union with Religious Studies and Other.	`AUCodeSetsACStrandType`

	Element/@Attribute	Char	Privacy Rating	Description	Type
	Semester	O	Low	Semester, Term, or Quarter subject offered.	`xs:unsignedInt`
	StudentList	O	Medium	List of Students in this Teaching Group	`StudentListType`
	TeacherList	O	Medium	A List of teachers associated with the group - may or may not include the teacher timetabled in the schedule.	`TeacherListType`
	MinClassSize	O	Low	Minimum class size.	`xs:integer`
	MaxClassSize	O	Low	Maximum class size	`xs:integer`
	TeachingGroupPeriodList	O	Low	A List of schedule information that can be published by an SIS which is a subset of information available in the TimeTableCell object. PeriodId or StartTime must be provided.	`TeachingGroupPeriodListType`
	LocalCodeList	O	Medium		`LocalCodeListType`
	SIF_Metadata	O	Medium		`SIF_MetadataType`
	SIF_ExtendedElements	O	Medium		`SIF_ExtendedElementsType`

Table 3.11.9-1: TeachingGroup

JSON 📋   **XML** 📋

```
<TeachingGroup RefId="64A309DA-063A-2E35-B359-D75101A8C3D1">
  <SchoolYear>2008</SchoolYear>
  <LocalId>20087ASPN</LocalId>
  <ShortName>7A SPN</ShortName>
  <LongName>Year 7A Maths - Space and Numbers</LongName>
  <Set>4</Set>
  <Block>6</Block>
  <CurriculumLevel>VELS Level 5</CurriculumLevel>
  <StudentList>
    <TeachingGroupStudent>
      <StudentPersonalRefId>9897466F-200E-4BC1-B9AE-D1507DA15CEF</StudentPersonalRefId>
      <StudentLocalId>SMI001</StudentLocalId>
      <Name Type="LGL">
        <FamilyName>Smith</FamilyName>
        <GivenName>Peter</GivenName>
      </Name>
    </TeachingGroupStudent>
    <TeachingGroupStudent>
      <StudentPersonalRefId>7C834EA9-EDA1-2090-347F-83297E1C290D</StudentPersonalRefId>
      <StudentLocalId>SMI002</StudentLocalId>
      <Name Type="LGL">
        <FamilyName>Smith</FamilyName>
        <GivenName>Jennifer</GivenName>
      </Name>
    </TeachingGroupStudent>
    <TeachingGroupStudent>
      <StudentPersonalRefId>7C834EA9-EDA1-2090-347F-83297E1C290E</StudentPersonalRefId>
      <StudentLocalId>SMI003</StudentLocalId>
      <Name Type="LGL">
```

Example 3.11.9-1: TeachingGroup

3.11.10 TimeTable

The purpose of this object is to define a schedule or Time Table structure/skeleton for the school. The Time Table is produced by the Time Tabling software. Once the Time Table is produced, the time tabling software creates the schedule based on business rules and constraints to fit into the time table structure.

The proposed Time Table object is based on a combination of the proposed UK B6 – Timetable Cycle Object and Timetable Scope Object.

The Time Table is identified uniquely in the SIF Zone by its GUID, School and School Year. A Time Table is linked to a particular school.

All local ids in non-authoritative objects are optional. It is therefore up to the provider and the actual agent's design and choreography to determine whether or not to use or local ids from parent objects. There are cases in some subscribing systems where it might not possible to add RefId columns and therefore the RefId of related objects cannot be stored. For example a target system that listens to TimeTableSubject events and updates them may not be able to store the associated SchoolCourseInfoRefId with that object. The only way it can link the TimeTableSubject object with the appropriate course might be through its local course id. Having local ids that link the parent objects with the child object can simplify the agent design. Generally it is suggested to use the appropriate RefIds whenever possible and only use local ids if there is no other way to use RefIds.
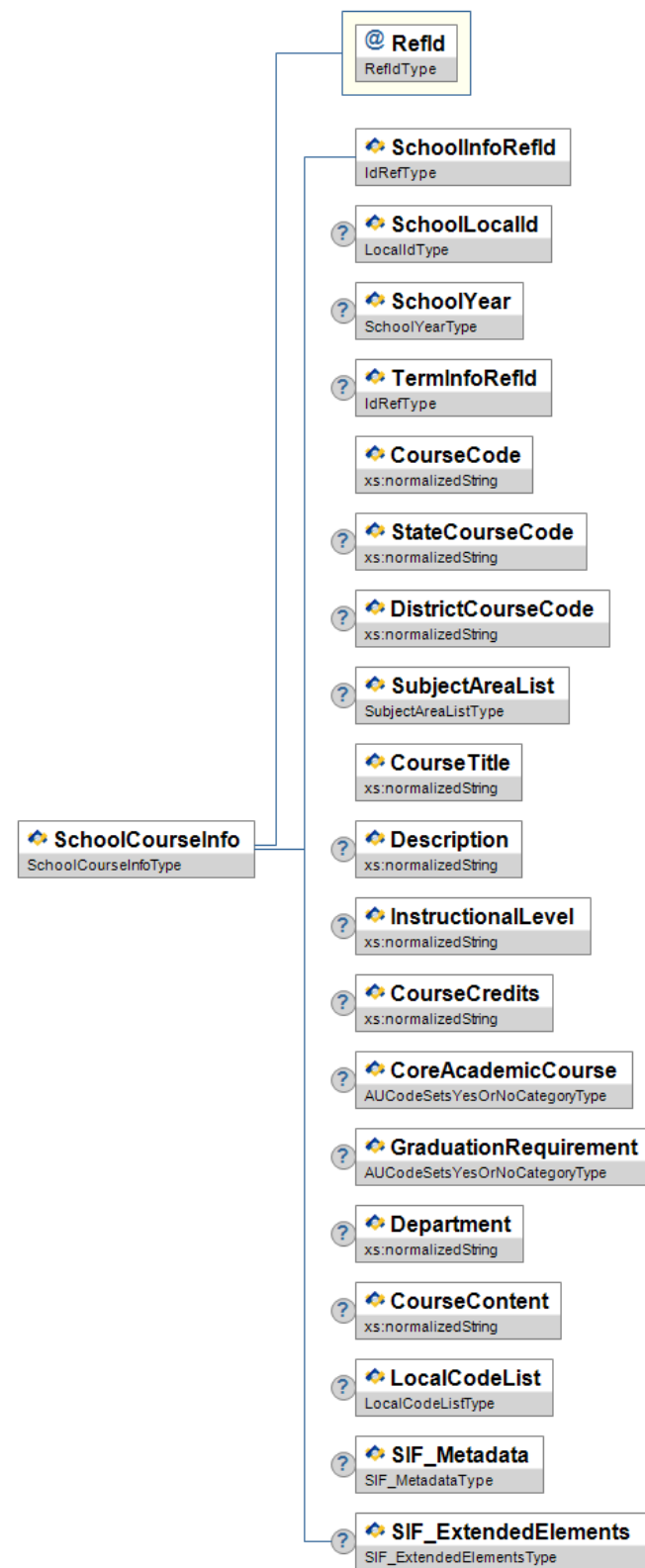
SIF_Events are reported for this object.

Figure 3.11.10-1: TimeTable

	Element/@Attribute	Char	Privacy Rating	Description	Type
	TimeTable		Low	The purpose of this object is to define a schedule or Time Table structure/skeleton for the school. The Time Table is produced by the Time Tabling software. Once the Time Table is produced, the time tabling software creates the schedule based on business rules and constraints to fit into the time table structure. The proposed Time Table object is based on a combination of the proposed UK B6 – Timetable Cycle Object and Timetable Scope Object. The Time Table is identified uniquely in the SIF Zone by its GUID, School and School Year. A Time Table is linked to a particular school. All local ids in non-authoritative objects are optional. It is therefore up to the provider and the actual agent's design and choreography to determine whether or not to use or local ids from parent objects. There are cases in some subscribing systems where it might not possible to add RefId columns and therefore the RefId of related objects cannot be stored. For example a target system that listens to TimeTableSubject events and updates them may not be able to store the associated SchoolCourseInfoRefId with that object. The only way it can link the TimeTableSubject object with the appropriate course might be through its local course id. Having local ids that link the parent objects with the child object can simplify the agent design. Generally it is suggested to use the appropriate RefIds whenever possible and only use local ids if there is no other way to use RefIds.	
@ 🔑	RefId	M	Low	GUID that identifies this TimeTable object.	RefIdType
	SchoolInfoRefId	O	Low	Optional, the GUID of the SchoolInfo Object if this object is known in the zone.	IdRefType
	SchoolYear	M	Low	School year for which the information is applicable, expressed as the four-digit year in which the school year ends (e.g., "2007").	SchoolYearType
	LocalId	O	Low	Local TimeTable ID	LocalIdType
	Title	M	Low	Unique Name of the proposed Time Table	xs:normalizedString
	DaysPerCycle	M	Low	Max Number of days per Time Table cycle	xs:unsignedInt
	PeriodsPerDay	M	Low	Max Number of periods per Time Table Day	xs:unsignedInt
	TeachingPeriodsPerDay	O	Low	Teaching periods per day if different to PeriodsPerDay	xs:unsignedInt
	SchoolLocalId	O	Low	Optional Local School Id	LocalIdType
	SchoolName	O	Low	The school name in plain text.	xs:normalizedString
	TimeTableCreationDate	O	Low	Date Schedule was created or last edited.	xs:date
	StartDate	O	Low	First day of TimeTable.	xs:date
	EndDate	O	Low	Last day of the TimeTable.	xs:date
	TimeTableDayList	M	Low	Container for TimeTableDays in Schedule	TimeTableDayListType
	LocalCodeList	O	Low		LocalCodeListType
	SIF_Metadata	O	Low		SIF_MetadataType
	SIF_ExtendedElements	O	Low		SIF_ExtendedElementsType

Table 3.11.10-1: TimeTable

JSON 📄   XML 📄

```
<TimeTable RefId="64A309DA-063A-2E35-B359-D75101A8C3D0">
  <SchoolInfoRefId>F2256EE2-B67F-47D6-AB47-94D4DEE0D0AD</SchoolInfoRefId>
  <SchoolYear>2008</SchoolYear>
  <LocalId>2008S1</LocalId>
  <Title>2008 Semester 1</Title>
  <DaysPerCycle>5</DaysPerCycle>
  <PeriodsPerDay>6</PeriodsPerDay>
  <TeachingPeriodsPerDay>5</TeachingPeriodsPerDay>
  <SchoolLocalId>01011234</SchoolLocalId>
  <SchoolName>Newest Secondary College</SchoolName>
  <TimeTableCreationDate>2008-02-01</TimeTableCreationDate>
  <StartDate>2008-01-30</StartDate>
  <EndDate>2008-06-20</EndDate>
  <TimeTableDayList>
    <TimeTableDay>
      <DayId>1</DayId>
      <DayTitle>Monday</DayTitle>
      <TimeTablePeriodList>
        <TimeTablePeriod>
          <PeriodId>1</PeriodId>
          <PeriodTitle>P1</PeriodTitle>
        </TimeTablePeriod>
        <TimeTablePeriod>
          <PeriodId>2</PeriodId>
          <PeriodTitle>P2</PeriodTitle>
        </TimeTablePeriod>
        <TimeTablePeriod>
          <PeriodId>3</PeriodId>
          <PeriodTitle>P3</PeriodTitle>
```

Example 3.11.10-1: TimeTable

3.11.11 TimeTableCell

The purpose of this object is to identify a specific cell within a particular TimeTable. A time table is a structure that represents all the available days and times (periods) for which a particular teaching group, or subject can be scheduled.

A TimeTableCell is uniquely identified in the ZIF zone by its GUID.

And the following must be provided at object creation:

- the timetable it belongs to,
- the subject that is being scheduled,
- the teaching group (representing the students, teachers and subject),
- the room that is allocated,
- the allocated teacher.

All local ids in non-authoritative objects are optional. It is therefore up to the provider and the actual agent's design and choreography to determine whether or not to use or local ids from parent objects. There are cases in some subscribing systems where it might not possible to add RefId columns and therefore the RefId of related objects cannot be stored. For example a target system that listens to TimeTableSubject events and updates them may not be able to store the associated SchoolCourseInfoRefId with that object. The only way it can link the TimeTableSubject object with the appropriate course might be through its local course id. Having local ids that link the parent objects with the child object can simplify the agent design. Generally it is suggested to use the appropriate RefIds whenever possible and only use local ids if there is no other way to use RefIds.

SIF_Events are reported for this object.

Figure 3.11.11-1: TimeTableCell

Element/@Attribute	Char	Privacy Rating	Description	Type
TimeTableCell		Low	The purpose of this object is to identify a specific cell within a particular TimeTable. A time table is a structure that represents all the available days and times (periods) for which a particular teaching group, or subject can be scheduled. A TimeTableCell is uniquely identified in the ZIF zone by its GUID. And the following must be provided at object creation: - the timetable it belongs to, - the subject that is being scheduled, - the teaching group (representing the students, teachers and subject), - the room that is allocated, - the allocated teacher. All local ids in non-authoritative objects are optional. It is therefore up to the provider and the actual agent's design and choreography to determine whether or not to use or local ids from parent objects. There are cases in some subscribing systems where it might not possible to add RefId columns and therefore the RefId of related objects cannot be stored. For example a target system that listens to TimeTableSubject events and updates them may not be able to store the associated SchoolCourseInfoRefId with that object. The only way it can link the TimeTableSubject object with the appropriate course might be through its local course id. Having local ids that link the parent objects with the child object can simplify the agent design. Generally it is suggested to use the appropriate RefIds whenever possible and only use local ids if there is no other way to use RefIds.	
@ 🔑 RefId	M	Low	The GUID of the TimeTableCell	RefIdType
TimeTableRefId	M	Low	The GUID of the TimeTable to which this Cell belongs	IdRefType
TimeTableSubjectRefId	O	Low	The GUID of the Subject that this Cell is scheduling	IdRefType
TeachingGroupRefId	M	Low	The GUID of the TeachingGroup being scheduled	IdRefType
RoomInfoRefId	O	Low	The GUID of the Resource being Scheduled	IdRefType
StaffPersonalRefId	O	Low	The GUID of the Staff Member being Scheduled	IdRefType
TimeTableLocalId	O	Low	Time Table Local Identifier	LocalIdType
SubjectLocalId	O	Low	Subject Local Id	LocalIdType
TeachingGroupLocalId	O	Low	Teaching Group	LocalIdType
RoomNumber	O	Low	Room number as presented to the user/application.	HomeroomNumberType
StaffLocalId	O	Low	Staff LocalId	LocalIdType
DayId	M	Low	Day Id	LocalIdType
PeriodId	M	Low	Period Id within the Day Id	LocalIdType
CellType	M	Low	Type of Lesson/Session eg Teaching, Lunch etc	xs:normalizedString
SchoolInfoRefId	O	Low	Optional, the GUID of the SchoolInfo Object if this object is known in the zone	IdRefType

	Element/@Attribute	Char	Privacy Rating	Description	Type
	SchoolLocalId	O	Low	Optional, Local School Id	LocalIdType
	TeacherList	O	Low	A listing of the teachers assigned to the activity, and the type of supervision they are credited with. If no teachers are listed, the activity is assumed to be unsupervised.	ScheduledTeacherListType
	RoomList	O	Low	List of rooms in which the scheduled activity is held. Used for onsite venues which are represented in the source system as rooms. Can include large venues (ovals, library, etc), if they have been represented as rooms; source system practice varies.	RoomListType
	LocalCodeList	O	High		LocalCodeListType
	SIF_Metadata	O	Low		SIF_MetadataType
	SIF_ExtendedElements	O	Low		SIF_ExtendedElementsType

Table 3.11.11-1: TimeTableCell

JSON 📋   **XML** 📋

```
<TimeTableCell RefId="64A309DA-063A-2E35-B359-D75101A8C3D1">
  <TimeTableRefId>64A309DA-063A-2E35-B359-D75101A8C3D0</TimeTableRefId>
  <TimeTableSubjectRefId>22860091-7192-45B4-AB0C-F5B9DC19DE5C</TimeTableSubjectRefId>
  <TeachingGroupRefId>64A309DA-063A-2E35-B359-D75101A8C3D1</TeachingGroupRefId>
  <RoomInfoRefId>D3E34B35-9D75-101A-8C3D-00AA001A1652</RoomInfoRefId>
  <StaffPersonalRefId>D3E34F41-9D75-101A-8C3D-00AA001A1652</StaffPersonalRefId>
  <TimeTableLocalId>2008S1</TimeTableLocalId>
  <SubjectLocalId>07AR</SubjectLocalId>
  <TeachingGroupLocalId>20087ASPN 2008S1</TeachingGroupLocalId>
  <RoomNumber>101</RoomNumber>
  <StaffLocalId>946379881</StaffLocalId>
  <DayId>1</DayId>
  <PeriodId>1</PeriodId>
  <CellType>T</CellType>
  <SchoolInfoRefId>D3E34B35-9D75-101A-8C3D-00AA001A1652</SchoolInfoRefId>
  <SchoolLocalId>01011234</SchoolLocalId>
  <TeacherList>
    <TeacherCover>
      <StaffPersonalRefId>98157AA0-13BA-8C3D-00AA-012B359D7512</StaffPersonalRefId>
      <StaffLocalId>US8923</StaffLocalId>
      <StartTime>12:05:00</StartTime>
      <FinishTime>13:00:00</FinishTime>
      <Credit>In-Lieu</Credit>
      <Supervision>MinimalSupervision</Supervision>
      <Weighting>0.5</Weighting>
    </TeacherCover>
    <TeacherCover>
      <StaffPersonalRefId>A75A0010-1A8C-301D-02E3-A05B359D0A00</StaffPersonalRefId>
      <StaffLocalId>ZY3213</StaffLocalId>
```

Example 3.11.11-1: TimeTableCell

3.11.12 TimeTableContainer

This object has been proposed as part of a solution for issues raised with the transmission of timetable information where the software vendor producing the cyclic timetable is not the source of truth for ongoing publishing. e.g. not the endpoint provider.

This object is labelled as EXPERIMENTAL. That means it is subject to changes which may be breaking based on vendor and jurisdiciton implementation, testing and confirmation.

The purpose of this object is to allow a third party software product to submit a cyclic Timetable and all its components as a single payload. The POSTing of this information to an endpoint, allows the endpoint provider to allocate individual resource id's to the components so that the individual entities can be managed by the endpoint provider. e.g. specific TeachingGroupType in this payload will not have a RefId, that will be managed by the endpoint provider if that information is to be re-published separately.

SIF_Events are reported for this object.
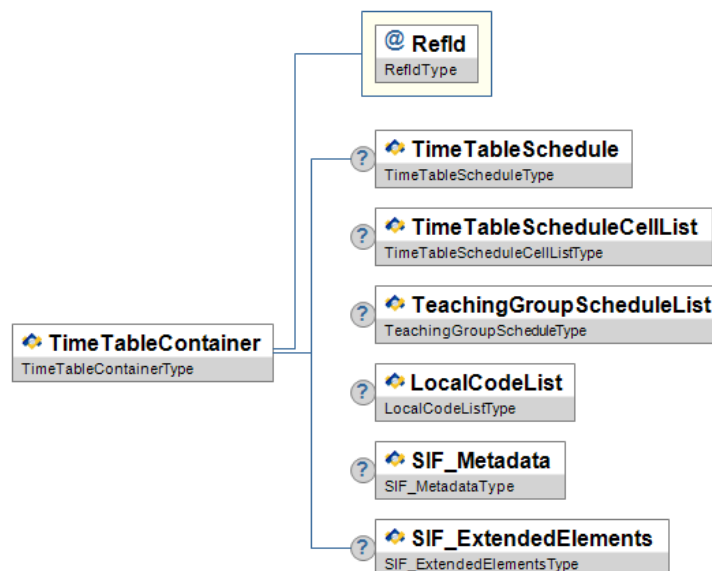
Figure 3.11.12-1: TimeTableContainer

Element/@Attribute	Char	Privacy Rating	Description	Type
TimeTableContainer		Medium	This object has been proposed as part of a solution for issues raised with the transmission of timetable information where the software vendor producing the cyclic timetable is not the source of truth for ongoing publishing. e.g. not the endpoint provider. This object is labelled as EXPERIMENTAL. That means it is subject to changes which may be breaking based on vendor and jurisdiciton implementation, testing and confirmation. The purpose of this object is to allow a third party software product to submit a cyclic Timetable and all its components as a single payload. The POSTing of this information to an endpoint, allows the endpoint provider to allocate individual resource id's to the components so that the individual entities can be managed by the endpoint provider. e.g. specific TeachingGroupType in this payload will not have a RefId, that will be managed by the endpoint provider if that information is to be re-published separately.	
@ 🔑 RefId	M	Low	GUID that identifies this TimeTable Container.	`RefIdType`
TimeTableSchedule	O	Low		`TimeTableScheduleType`
TimeTableScheduleCellList	O	Low	All the TimeTable Cells that belong to this TimeTable.	`TimeTableScheduleCellListType`
TeachingGroupScheduleList	O	Low	All the Teaching Groups that belong to this TimeTable.	`TeachingGroupScheduleType`
LocalCodeList	O	Low		`LocalCodeListType`
SIF_Metadata	O	Low		`SIF_MetadataType`
SIF_ExtendedElements	O	Low		`SIF_ExtendedElementsType`

Table 3.11.12-1: TimeTableContainer

3.11.13 TimeTableSubject

This purpose of this object is to define and communicate the subject or distinct piece of curriculum that needs to be scheduled by the time table generator. This is a new object proposed to meet SIF-AU needs. Reviews of the existing specifications identified two relevant objects - SchoolCourseInfo, defined in SIF US 2.2 specification and SchoolGroup, defined within the SIF UK 1.1 specification. These objects appear to have some similar context but seem overly complex considering that Australian requirements, which are limited to the Student Administration System or Curriculum Delivery System providing base information to the Time Tabling application about what curriculum offerings are being proposed. When this data is sent in a Request/Response only those subjects that are relevant to be scheduled (or active), should be sent to the TimeTabling application.

All local ids in non-authoritative objects are optional. It is therefore up to the provider and the actual agent's design and choreography to determine whether or not to use or local ids from parent objects. There are cases in some subscribing systems where it might not possible to add RefId columns and therefore the RefId of related objects cannot be stored. For example a target system that listens to TimeTableSubject events and updates them may not be able to store the associated SchoolCourseInfoRefId with that object. The only way it can link the TimeTableSubject object with the appropriate course might be through its local course id. Having local ids that link the parent objects with the child object can simplify the agent design. Generally it is suggested to use the appropriate RefIds whenever possible and only use local ids if there is no other way to use RefIds.
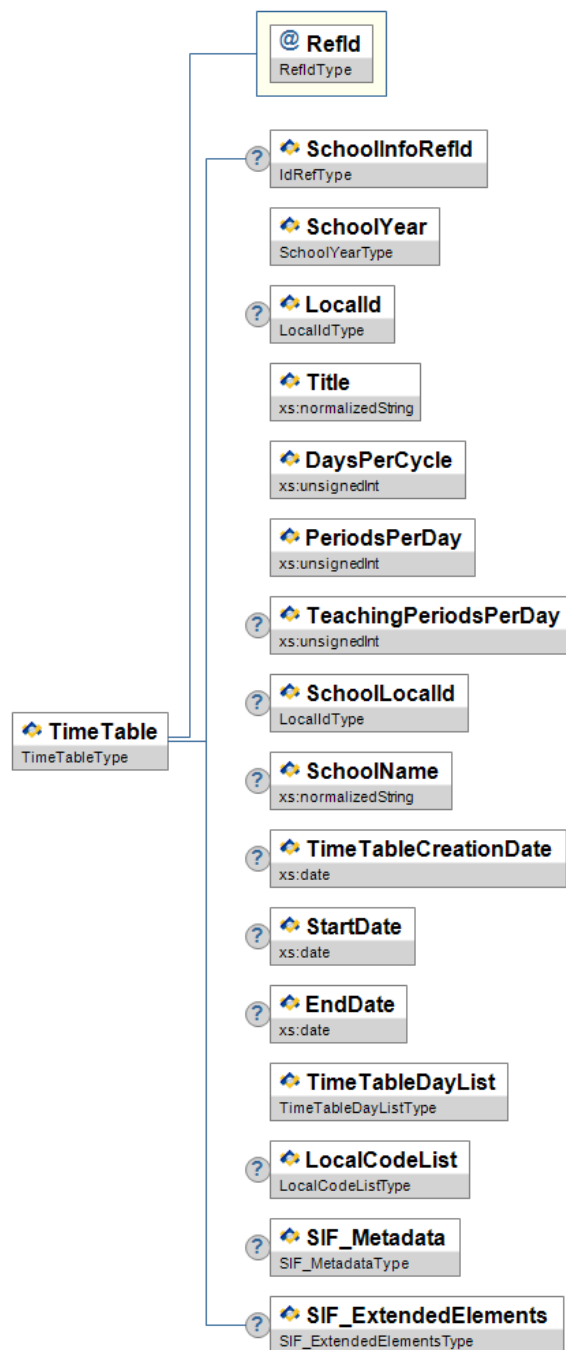
SIF_Events are reported for this object.

Figure 3.11.13-1: TimeTableSubject

	Element/@Attribute	Char	Privacy Rating	Description	Type
	TimeTableSubject		Low	This purpose of this object is to define and communicate the subject or distinct piece of curriculum that needs to be scheduled by the time table generator. This is a new object proposed to meet SIF-AU needs. Reviews of the existing specifications identified two relevant objects - SchoolCourseInfo, defined in SIF US 2.2 specification and SchoolGroup, defined within the SIF UK 1.1 specification. These objects appear to have some similar context but seem overly complex considering that Australian requirements, which are limited to the Student Administration System or Curriculum Delivery System providing base information to the Time Tabling application about what curriculum offerings are being proposed. When this data is sent in a Request/Response only those subjects that are relevant to be scheduled (or active), should be sent to the TimeTabling application. All local ids in non-authoritative objects are optional. It is therefore up to the provider and the actual agent's design and choreography to determine whether or not to use or local ids from parent objects. There are cases in some subscribing systems where it might not possible to add RefId columns and therefore the RefId of related objects cannot be stored. For example a target system that listens to TimeTableSubject events and updates them may not be able to store the associated SchoolCourseInfoRefId with that object. The only way it can link the TimeTableSubject object with the appropriate course might be through its local course id. Having local ids that link the parent objects with the child object can simplify the agent design. Generally it is suggested to use the appropriate RefIds whenever possible and only use local ids if there is no other way to use RefIds.	
@ 🔑	RefId	M	Low	GUID that identifies this TimeTableSubject.	RefIdType
	SubjectLocalId	M	Low	SubjectLocalID - Distinct piece of curriculum that is to be scheduled.	LocalIdType
	AcademicYear	C	Low	Subject Year Level. Either AcademicYear or AcademicYearRange must be provided.	YearLevelType
	AcademicYearRange	C	Low	Range of Academic Years subject spans. Either AcademicYear or AcademicYearRange must be provided.	YearRangeType
	CourseLocalId	O	Low	Local Course Id, if associated with a Course.	LocalIdType
	SchoolCourseInfoRefId	O	Low	The GUID of the SchoolCourseInfo object.	RefIdType
	Faculty	O	Low	Faculty	xs:normalizedString
	SubjectShortName	O	Low	SubjectShortName	xs:normalizedString
	SubjectLongName	M	Low	SubjectLongName	xs:normalizedString
	SubjectType	O	Low	Core or Elective or ?	xs:normalizedString
	ProposedMaxClassSize	O	Low	Suggested maximum class size for this subject.	xs:decimal
	ProposedMinClassSize	O	Low	Suggested minimum class size for this subject.	xs:decimal
	SchoolInfoRefId	O	Low	Optional the GUID of the SchoolInfo Object if this object is known in the zone.	IdRefType
	SchoolLocalId	O	Low	Optional Local School Id	LocalIdType
	Semester	O	Low	Semester, Term, or Quarter subject offered.	xs:unsignedInt
	SchoolYear	O	Low	School year for which the information is applicable, expressed as the four-digit year in which the school year ends (e.g., "2007").	SchoolYearType
	OtherCodeList	O	Low	Any other codes this subject is known by; eg VASS code for VCE in Vic.	OtherCodeListType

Element/@Attribute	Char	Privacy Rating	Description	Type
LocalCodeList	O	High		LocalCodeListType
SIF_Metadata	O	Low		SIF_MetadataType
SIF_ExtendedElements	O	Low		SIF_ExtendedElementsType

Table 3.11.13-1: TimeTableSubject

JSON 📋   **XML** 📋

```xml
<TimeTableSubject RefId="D3E34B35-9D75-101A-8C3D-00AA001A1652">
  <SubjectLocalId>07AR</SubjectLocalId>
  <AcademicYear>
    <Code>7</Code>
  </AcademicYear>
  <SubjectShortName>7 ART</SubjectShortName>
  <SubjectLongName>Year 7 Art</SubjectLongName>
  <SubjectType>E</SubjectType>
  <SchoolYear>2009</SchoolYear>
</TimeTableSubject>
```

Example 3.11.13-1: TimeTableSubject

3.12 Wellbeing
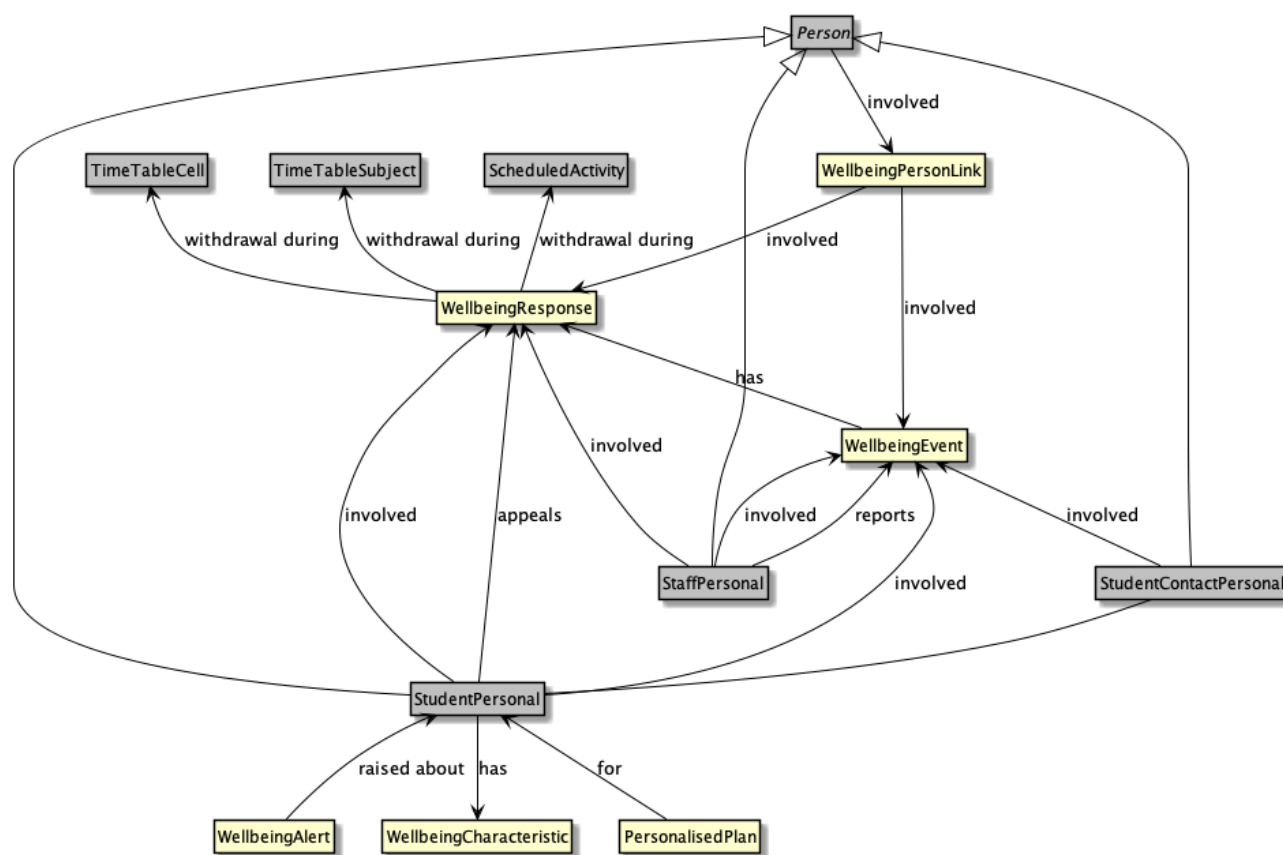
These objects represent how schools can securely provide SIS information to the Wellbeing product(s) of their choice, and also how various wellbeing records are to be published to a jurisdictional data hub.

3.12.1 PersonalisedPlan

A Personalised Plan will be created as the result of a Core Characteristic, Legal order, Pastoral Care info, ability or Student Behaviour. Will be a document, and the community feel that SIF would most usefully capture metadata around the document. Plans can be specific to a domain, but are still expected to aggregate information gathered about student in disparate locations. This is an extensive area and it SIF needs to provide that information which needs to be transferred between systems or agencies. Broad categories of Learning Plans that have been identified so far are; Medical Plan, Learning Plan, Attendance Plan and Behavioural Plan.

SIF_Events are reported for this object.
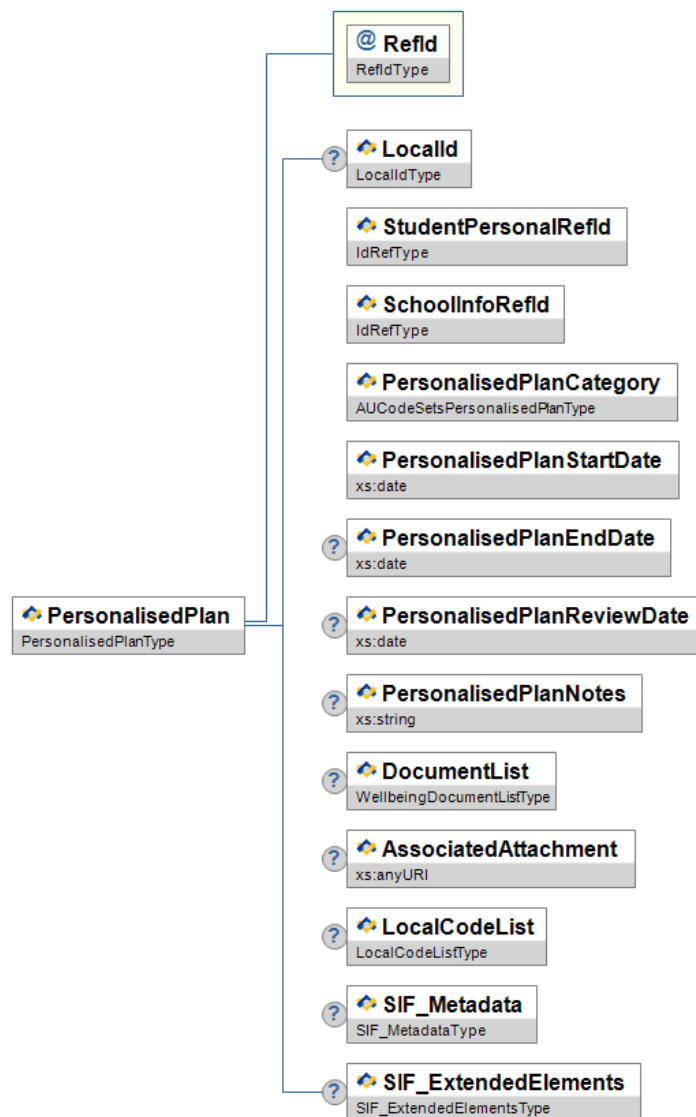
Figure 3.12.1-1: PersonalisedPlan

	Element/@Attribute	Char	Privacy Rating	Description	Type
	PersonalisedPlan		High	A Personalised Plan will be created as the result of a Core Characteristic, Legal order, Pastoral Care info, ability or Student Behaviour. Will be a document, and the community feel that SIF would most usefully capture metadata around the document. Plans can be specific to a domain, but are still expected to aggregate information gathered about student in disparate locations. This is an extensive area and it SIF needs to provide that information which needs to be transferred between systems or agencies. Broad categories of Learning Plans that have been identified so far are; Medical Plan, Learning Plan, Attendance Plan and Behavioural Plan.	
@ 🔑	RefId	M	High	The ID (GUID) assigned to uniquely identify this PersonalisedPlan.	RefIdType
	LocalId	O	Low	The Local Id of this PersonalisedPlan.	LocalIdType
	StudentPersonalRefId	M	High	The ID (GUID) of the student to whom this PersonalisedPlan belongs.	IdRefType
	SchoolInfoRefId	M	Low	The ID (GUID) of the school for which this PersonalisedPlan is being reported.	IdRefType
	PersonalisedPlanCategory	M	High	Category of PersonalisedPlan.	AUCodeSetsPersonalisedPlanType
	PersonalisedPlanStartDate	M	Low	The date the PersonalisedPlan period commenced.	xs:date
	PersonalisedPlanEndDate	O	Low	The date the PersonalisedPlan is due to finish.	xs:date
	PersonalisedPlanReviewDate	O	Low	The date the PersonalisedPlan is due to be reviewed.	xs:date
	PersonalisedPlanNotes	O	High	Text relating to the particular PersonalisedPlan.	xs:string
	DocumentList	O	High	Describes the Location of any associated documents kept in relation to this Response.	WellbeingDocumentListType
	AssociatedAttachment	O	High	Link to any attachment.	xs:anyURI
	LocalCodeList	O	Low		LocalCodeListType
	SIF_Metadata	O	High		SIF_MetadataType
	SIF_ExtendedElements	O	High		SIF_ExtendedElementsType

Table 3.12.1-1: PersonalisedPlan

JSON 📋   **XML** 📋

```
<PersonalisedPlan RefId="2FFB63B4-CFEF-4820-8501-E7D1E54555CB">
  <StudentPersonalRefId>D3E34B35-9D75-101A-8C3D-00AA001A1652</StudentPersonalRefId>
  <SchoolInfoRefId>CA285746-359D-7510-1A8C-36432A901A16</SchoolInfoRefId>
  <PersonalisedPlanCategory>M</PersonalisedPlanCategory>
  <PersonalisedPlanStartDate>2017-11-01</PersonalisedPlanStartDate>
  <PersonalisedPlanEndDate>2019-11-10</PersonalisedPlanEndDate>
  <PersonalisedPlanReviewDate>2018-11-10</PersonalisedPlanReviewDate>
  <PersonalisedPlanNotes>This Student is allergic to cashews.</PersonalisedPlanNotes>
</PersonalisedPlan>
```

Example 3.12.1-1: PersonalisedPlan

3.12.2 WellbeingAlert

Alert indicating further intervention or knowledge required with regard to a student, which could be Medical, Legal or other. Can reflect both long-term attributes of a student (Characteristics) and short-term attributes (e.g. resulting from Events). They fulfil the need for something that can be sent, associated with the student to transfer information that carries basic, important information. Lightweight, it needs to alert teachers and systems that this student has a 'concern' that needs to be known for 'duty of care'. Currently in the SIF Model there exists the concept of 'medical alerts' and 'alerts', but these are lists of events that are carried with StudentPersonal: if anything is changed then for it to be recognised by consuming systems, they would need to re-consume StudentPersonal and ALL of the lists of alerts. It was noted that this information needs to travel as the result of an event or a concern, not necessarily as a by-product of a change in StudentPersonal.

SIF_Events are reported for this object.
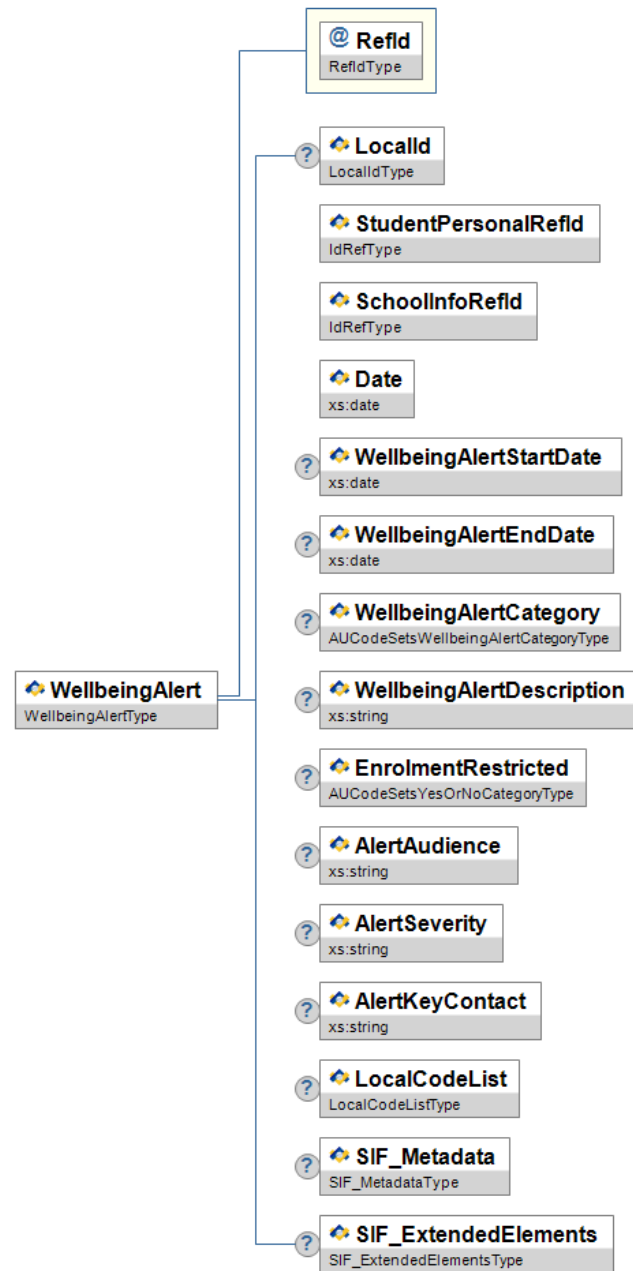
Figure 3.12.2-1: WellbeingAlert

	Element/@Attribute	Char	Privacy Rating	Description	Type
	WellbeingAlert		High	Alert indicating further intervention or knowledge required with regard to a student, which could be Medical, Legal or other. Can reflect both long-term attributes of a student (Characteristics) and short-term attributes (e.g. resulting from Events). They fulfil the need for something that can be sent, associated with the student to transfer information that carries basic, important information. Lightweight, it needs to alert teachers and systems that this student has a 'concern' that needs to be known for 'duty of care'. Currently in the SIF Model there exists the concept of 'medical alerts' and 'alerts', but these are lists of events that are carried with StudentPersonal: if anything is changed then for it to be recognised by consuming systems, they would need to re-consume StudentPersonal and ALL of the lists of alerts. It was noted that this information needs to travel as the result of an event or a concern, not necessarily as a by-product of a change in StudentPersonal.	
@ 🔑	RefId	M	Low	The ID (GUID) assigned to uniquely identify this WellbeingAlert.	RefIdType
	LocalId	O	Low	The Local Id of this this WellbeingAlert.	LocalIdType
	StudentPersonalRefId	M	High	The ID (GUID) of the student to whom this WellbeingAlert belongs.	IdRefType
	SchoolInfoRefId	M	Low	The ID (GUID) of the school for which this WellbeingAlert is being reported.	IdRefType
	Date	M	Low	The calendar date on which this wellbeing alert was published.	xs:date
	WellbeingAlertStartDate	O	Low	The date the wellbeing alert period commenced.	xs:date
	WellbeingAlertEndDate	O	Low	The date the wellbeing alert is due to finish.	xs:date
	WellbeingAlertCategory	C	High	Category of WellbeingAlert.	AUCodeSetsWellbeingAlertCategoryType
	WellbeingAlertDescription	O	High	Description of this particular wellbeing alert.	xs:string
	EnrolmentRestricted	O	Medium	Is this Alert Restricted to a particular enrolment at a school?	AUCodeSetsYesOrNoCategoryType
	AlertAudience	O	Medium	Audience for this particular wellbeing alert.	xs:string
	AlertSeverity	O	High	Severity of this wellbeing alert.	xs:string
	AlertKeyContact	O	Medium	Key Contact to get information about this wellbeing alert from.	xs:string
	LocalCodeList	O	High		LocalCodeListType
	SIF_Metadata	O	High		SIF_MetadataType
	SIF_ExtendedElements	O	High		SIF_ExtendedElementsType

Table 3.12.2-1: WellbeingAlert

JSON 📋   **XML** 📋

```xml
<WellbeingAlert RefId="2FFB63B4-CFEF-4820-8501-E7D1E54555CB">
  <StudentPersonalRefId>D3E34B35-9D75-101A-8C3D-00AA001A1652</StudentPersonalRefId>
  <SchoolInfoRefId>CA285746-359D-7510-1A8C-36432A901A16</SchoolInfoRefId>
  <Date>2017-11-01</Date>
  <WellbeingAlertStartDate>2017-11-01</WellbeingAlertStartDate>
  <WellbeingAlertCategory>M</WellbeingAlertCategory>
  <WellbeingAlertDescription>This Student is allergic to peanuts</WellbeingAlertDescription>
</WellbeingAlert>
```

Example 3.12.2-1: WellbeingAlert

3.12.3 WellbeingAppeal

A WellbeingAppeal is information about an "appeal" or a "request" in regard to a (negative/punitive) WellbeingResponse to a student event.

SIF_Events are reported for this object.
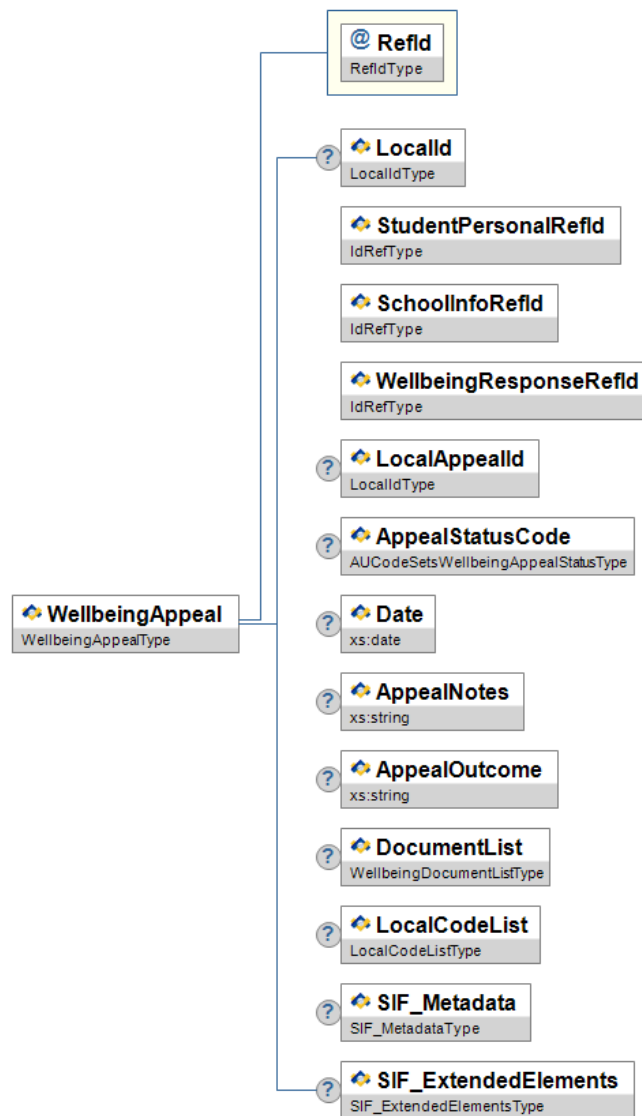
Figure 3.12.3-1: WellbeingAppeal

	Element/@Attribute	Char	Privacy Rating	Description	Type
	WellbeingAppeal		High	A WellbeingAppeal is information about an "appeal" or a "request" in regard to a (negative/punitive) WellbeingResponse to a student event.	
@ 🔑	RefId	M	Low	The ID (GUID) assigned to uniquely identify this WellbeingAppeal.	RefIdType
	LocalId	O	Low	The Local Id of this this WellbeingAppeal.	LocalIdType
	StudentPersonalRefId	M	High	The ID (GUID) of the student to whom this WellbeingAppeal belongs.	IdRefType
	SchoolInfoRefId	M	Low	The ID (GUID) of the school for which this WellbeingAppeal is being reported.	IdRefType
	WellbeingResponseRefId	M	High	The ID (GUID) of the WellbeingResponse for which this WellbeingAppeal is in response to.	IdRefType
	LocalAppealId	O	Low	Local system Id of the Appeal.	LocalIdType
	AppealStatusCode	O	High	Status of WellbeingAppeal.	AUCodeSetsWellbeingAppealStatusType
	Date	O	Low	The calendar date on which this WellbeingAppeal was registered.	xs:date
	AppealNotes	O	High	Text relating to the particular WellbeingAppeal.	xs:string
	AppealOutcome	O	High	Outcome of the particular WellbeingAppeal if known.	xs:string
	DocumentList	O	High	Describes the Location of any associated documents kept in relation to this Appeal.	WellbeingDocumentListType
	LocalCodeList	O	High		LocalCodeListType
	SIF_Metadata	O	High		SIF_MetadataType
	SIF_ExtendedElements	O	High		SIF_ExtendedElementsType

Table 3.12.3-1: WellbeingAppeal

JSON 📄   **XML** 📄

```
<WellbeingAppeal RefId="2FFB63B4-CFEF-4820-8501-E7D1E54555CB">
  <StudentPersonalRefId>D3E34B35-9D75-101A-8C3D-00AA001A1652</StudentPersonalRefId>
  <SchoolInfoRefId>CA285746-359D-7510-1A8C-36432A901A16</SchoolInfoRefId>
  <WellbeingResponseRefId>BC385746-359D-7510-1A8C-36432A901A36</WellbeingResponseRefId>
  <AppealStatusCode>SU</AppealStatusCode>
  <Date>2017-11-01</Date>
  <AppealNotes>This Appeal was successful.</AppealNotes>
</WellbeingAppeal>
```

Example 3.12.3-1: WellbeingAppeal

3.12.4 WellbeingCharacteristic

Core Wellbeing Characteristic that is integral to the Student. This may be a Medical condition, special needs or a characteristic such as a known disability or any other characteristic or condition that is student specific and impacts their learning. Some characteristics are already captured in the Demographics container of StudentPersonal however this object allows for more complex and targeted information.

SIF_Events are reported for this object.

@ RefId
RefIdType

LocalId
LocalIdType

StudentPersonalRefId
IdRefType

SchoolInfoRefId
IdRefType

WellbeingCharacteristicClassification
AUCodeSetsWellbeingCharacteristicClassificationType

WellbeingCharacteristicStartDate
xs:date

WellbeingCharacteristicEndDate
xs:date

WellbeingCharacteristicReviewDate
xs:date

WellbeingCharacteristicNotes
xs:string

WellbeingCharacteristicCategory
AUCodeSetsWellbeingCharacteristicCategoryType | xs:string

WellbeingCharacteristicSubCategory
AUCodeSetsWellbeingCharacteristicSubCategoryType | xs:string

LocalCharacteristicCode
LocalIdType

CharacteristicSeverity
xs:string

WellbeingCharacteristic
WellbeingCharacteristicType

SymptomList
SymptomListType

DailyManagement
xs:string

EmergencyManagement
xs:string

EmergencyResponsePlan
xs:string

Trigger
xs:string

ConfidentialFlag
AUCodeSetsYesOrNoCategoryType

Alert
AUCodeSetsYesOrNoCategoryType

MedicationList
MedicationListType

DocumentList
WellbeingDocumentListType

LocalCodeList
LocalCodeListType

SIF_Metadata
SIF_MetadataType

Figure 3.12.4-1: WellbeingCharacteristic

	Element/@Attribute	Char	Privacy Rating	Description	Type
	WellbeingCharacteristic		High	Core Wellbeing Characteristic that is integral to the Student. This may be a Medical condition, special needs or a characteristic such as a known disability or any other characteristic or condition that is student specific and impacts their learning. Some characteristics are already captured in the Demographics container of StudentPersonal however this object allows for more complex and targeted information.	
@ 🔑	RefId	M	Low	The ID (GUID) assigned to uniquely identify this WellbeingCharacteristic.	`RefIdType`
	LocalId	O	Low	The Local Id of this WellbeingCharacteristic.	`LocalIdType`
	StudentPersonalRefId	M	High	The ID (GUID) of the student to whom this WellbeingCharacteristic belongs.	`IdRefType`
	SchoolInfoRefId	O	Low	The ID (GUID) of the school for which this WellbeingCharacteristic is being reported.	`IdRefType`
	WellbeingCharacteristicClassification	C	High	Category of WellbeingCharacteristic.	`AUCodeSetsWellbeingCharacteristicClassificationType`
	WellbeingCharacteristicStartDate	O	Low	Starting Date for this Characteristic to be noted.	`xs:date`
	WellbeingCharacteristicEndDate	O	Low	End date for this Characteristic to be noted, if there is one.	`xs:date`
	WellbeingCharacteristicReviewDate	O	Low	Date at which this information should be reviewed.	`xs:date`
	WellbeingCharacteristicNotes	O	High	Text relating to the particular WellbeingCharacteristic.	`xs:string`
	WellbeingCharacteristicCategory	O	High	Category of WellbeingCharacteristic.	**union of:** `AUCodeSetsWellbeingCharacteristicCategoryType` `xs:string`
	WellbeingCharacteristicSubCategory	O	High	Sub category of the WellbeingCharacteristic.	**union of:** `AUCodeSetsWellbeingCharacteristicSubCategoryType` `xs:string`
	LocalCharacteristicCode	O	High	Local Code if required for Clarity.	`LocalIdType`
	CharacteristicSeverity	O	High		`xs:string`
	SymptomList	O	High	List any symptoms that are deemed necessary to record; e.g. Symptoms of Asthma could be a cough or wheeze etc.	`SymptomListType`
	DailyManagement	O	High		`xs:string`
	EmergencyManagement	O	High		`xs:string`
	EmergencyResponsePlan	O	High		`xs:string`
	Trigger	O	High		`xs:string`
	ConfidentialFlag	O	High	Flag indicating if the characteristic is confidential or not. If 'Y' should not be shared with any other system/school.	`AUCodeSetsYesOrNoCategoryType`

Element/@Attribute	Char	Privacy Rating	Description	Type
Alert	O	High	Create an Alert for this Characteristic?	AUCodeSetsYesOrNoCategoryType
MedicationList	O	High		MedicationListType
DocumentList	O	High	Describes the Location of any associated documents kept in relation to this Characteristic.	WellbeingDocumentListType
LocalCodeList	O	High		LocalCodeListType
SIF_Metadata	O	High		SIF_MetadataType
SIF_ExtendedElements	O	High		SIF_ExtendedElementsType

Table 3.12.4-1: WellbeingCharacteristic

JSON 📋　　**XML** 📋

```
<WellbeingCharacteristic RefId="2FFB63B4-CFEF-4820-8501-E7D1E54555CB">
  <StudentPersonalRefId>D3E34B35-9D75-101A-8C3D-00AA001A1652</StudentPersonalRefId>
  <SchoolInfoRefId>CA285746-359D-7510-1A8C-36432A901A16</SchoolInfoRefId>
  <WellbeingCharacteristicStartDate>2017-11-01</WellbeingCharacteristicStartDate>
  <WellbeingCharacteristicEndDate>2017-11-10</WellbeingCharacteristicEndDate>
  <WellbeingCharacteristicNotes>This Student has a special need.</WellbeingCharacteristicNotes>
  <WellbeingCharacteristicCategory>S</WellbeingCharacteristicCategory>
</WellbeingCharacteristic>
```

Example 3.12.4-1: WellbeingCharacteristic

3.12.5 WellbeingEvent

Event that impacts on a student's duty of care. This has been modelled by Sentral as an Incident, by CEOM as a behaviour support incident and by WA previously as an "Incident Report" but looking to move to terminology such as a "Wellbeing Event". There is an emphasis that this 'event' was needed to track both 'positive' and 'negative' behaviours and it not just the recording of a discipline incident or an accident. This event can be specific to a student, or a group of students, and is not global (e.g. a pandemic). Where an event involves more than one student, they can be listed in the person's involved or if part of a group, can be linked via a WellbeingPersonLink Object, new to the 3.4.5 Data Model. Where the event has an impact on a student's wellbeing an individual record for each student should be generated, or linked via WellbeingPersonLink. E.g. where a student is reporting that another student fell off his bike, then the reporting student is listed as a person involved, or where a student is part of a group, they can be connected via WellbeingPersonLink.

SIF_Events are reported for this object.
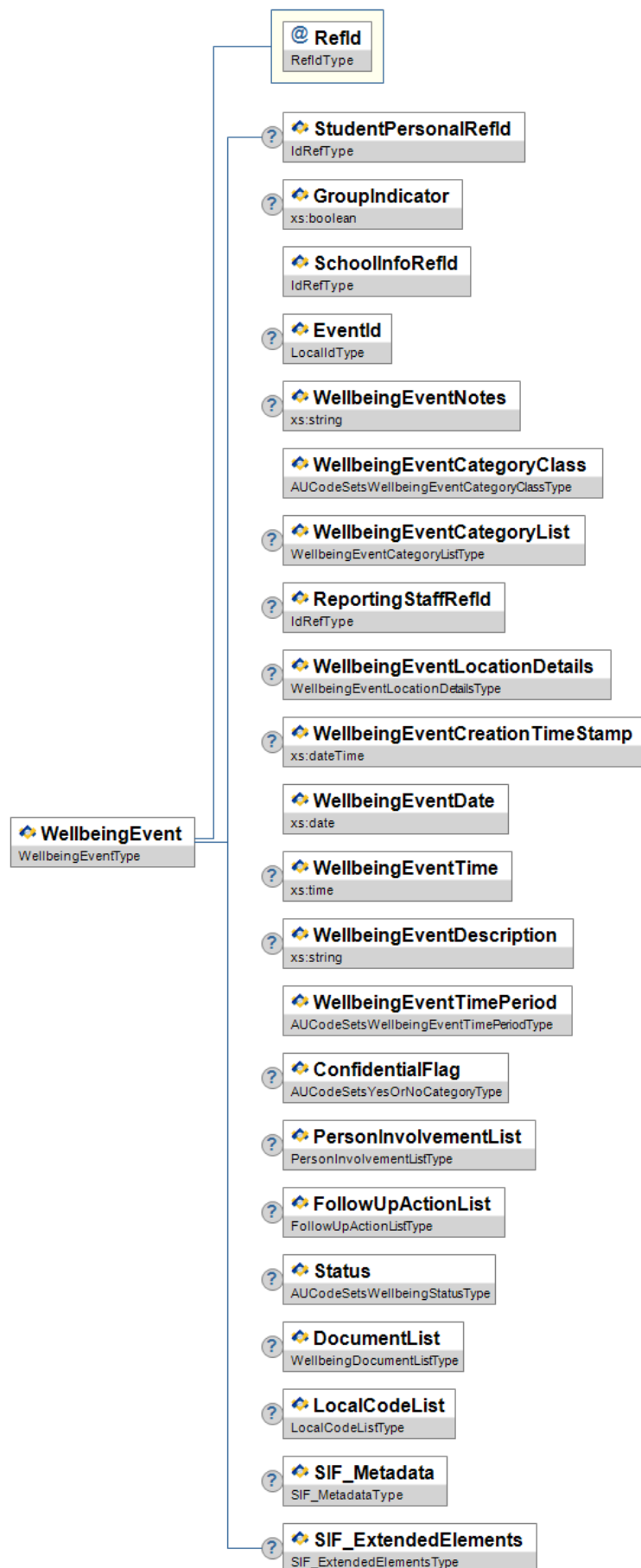
Figure 3.12.5-1: WellbeingEvent

	Element/@Attribute	Char	Privacy Rating	Description	Type
	WellbeingEvent		High	Event that impacts on a student's duty of care. This has been modelled by Sentral as an Incident, by CEOM as a behaviour support incident and by WA previously as an "Incident Report" but looking to move to terminology such as a "Wellbeing Event". There is an emphasis that this 'event' was needed to track both 'positive' and 'negative' behaviours and it not just the recording of a discipline incident or an accident. This event can be specific to a student, or a group of students, and is not global (e.g. a pandemic). Where an event involves more than one student, they can be listed in the person's involved or if part of a group, can be linked via a WellbeingPersonLink Object, new to the 3.4.5 Data Model. Where the event has an impact on a student's wellbeing an individual record for each student should be generated, or linked via WellbeingPersonLink. E.g. where a student is reporting that another student fell off his bike, then the reporting student is listed as a person involved, or where a student is part of a group, they can be connected via WellbeingPersonLink.	
@ 🔑	RefId	M	Low	The ID (GUID) assigned to uniquely identify this WellbeingEvent.	RefIdType
	StudentPersonalRefId	C	High	The ID (GUID) of the student to whom this WellbeingEvent belongs. If StudentPersonalRefId is not provided, then at least one (1) WellbeingPersonLink must exist after processing concludes.	IdRefType
	GroupIndicator	C	High	Where there is more than one student or groups of students associated with this event, this is true. If true, to identify the groups, members and roles involved, query the WellbeingStudentLink Objects.	xs:boolean
	SchoolInfoRefId	M	Low	The ID (GUID) of the school for which this WellbeingEvent is being reported.	IdRefType
	EventId	O	Low	A Local Identifier for the Event. It is expected to be unique to the reporting site.	LocalIdType
	WellbeingEventNotes	O	High	Text relating to the particular WellbeingEvent.	xs:string
	WellbeingEventCategoryClass	M	High	Category of WellbeingEvent.	AUCodeSetsWellbeingEventCategoryClassType
	WellbeingEventCategoryList	O	High	List of Categories of WellbeingEvent.	WellbeingEventCategoryListType
	ReportingStaffRefId	O	Low	The ID (GUID) of the staff member who logged the Wellbeing Event record.	IdRefType
	WellbeingEventLocationDetails	O	Medium	Details of Event Location.	WellbeingEventLocationDetailsType
	WellbeingEventCreationTimeStamp	O	Low	Date and time of the WellbeingEvent record creation.	xs:dateTime
	WellbeingEventDate	M	High	The calendar date on which this WellbeingEvent occurred.	xs:date
	WellbeingEventTime	O	High	The time when WellbeingEvent occurred.	xs:time
	WellbeingEventDescription	O	High	A description of the WellbeingEvent.	xs:string
	WellbeingEventTimePeriod	M	High	Time period of when the event occurred.	AUCodeSetsWellbeingEventTimePeriodType
	ConfidentialFlag	O	High	Flag indicating if the incident is confidential or not. If 'Y' should not be shared with any other system/school.	AUCodeSetsYesOrNoCategoryType

	Element/@Attribute	Char	Privacy Rating	Description	Type
	PersonInvolvementList	C	High	List of People involved in the Wellbeing event. Mandatory if more people than the student to which this event occurs is involved.	PersonInvolvementListType
	FollowUpActionList	O	High	List of Actions where an action resulted and is known - maybe just a link to a WellbeingResponse Object	FollowUpActionListType
	Status	O	High	Current Status.	AUCodeSetsWellbeingStatusType
	DocumentList	O	High	Describes the Location of any associated documents kept in relation to this Response.	WellbeingDocumentListType
	LocalCodeList	O	High		LocalCodeListType
	SIF_Metadata	O	High		SIF_MetadataType
	SIF_ExtendedElements	O	High		SIF_ExtendedElementsType

Table 3.12.5-1: WellbeingEvent

JSON 📋   **XML** 📋

```xml
<WellbeingEvent RefId="2FFB63B4-CFEF-4820-8501-E7D1E54555CB">
  <StudentPersonalRefId>D3E34B35-9D75-101A-8C3D-00AA001A1652</StudentPersonalRefId>
  <SchoolInfoRefId>CA285746-359D-7510-1A8C-36432A901A16</SchoolInfoRefId>
  <WellbeingEventCategoryClass>P</WellbeingEventCategoryClass>
  <WellbeingEventDate>2017-11-01</WellbeingEventDate>
  <WellbeingEventTimePeriod>AM</WellbeingEventTimePeriod>
</WellbeingEvent>
```

Example 3.12.5-1: WellbeingEvent

JSON 📋   **XML** 📋

```xml
<WellbeingEvent RefId="2FFB63B4-CFEF-4820-8501-E7D1E54555CB">
  <StudentPersonalRefId>D3E34B35-9D75-101A-8C3D-00AA001A1652</StudentPersonalRefId>
  <SchoolInfoRefId>CA285746-359D-7510-1A8C-36432A901A16</SchoolInfoRefId>
  <EventId>Yard-10</EventId>
  <WellbeingEventNotes>Incident relates to School Yard accident.</WellbeingEventNotes>
  <WellbeingEventCategoryClass>D</WellbeingEventCategoryClass>
  <WellbeingEventCategoryList>
    <WellbeingEventCategory>
      <EventCategory>M5</EventCategory>
      <WellbeingEventSubCategoryList>
        <WellbeingEventSubCategory>M5-a</WellbeingEventSubCategory>
      </WellbeingEventSubCategoryList>
    </WellbeingEventCategory>
  </WellbeingEventCategoryList>
  <ReportingStaffRefId>3FFB63B4-CFEF-4820-8501-E7D1E54555CB</ReportingStaffRefId>
  <WellbeingEventDate>2017-11-01</WellbeingEventDate>
  <WellbeingEventTimePeriod>AM</WellbeingEventTimePeriod>
</WellbeingEvent>
```

Example 3.12.5-2: WellbeingEvent2

JSON 📋   **XML** 📋

```xml
<WellbeingEvent RefId="2FFB63B4-CFEF-4820-8501-E7D1E54555CB">
  <GroupIndicator>true</GroupIndicator>
  <SchoolInfoRefId>CA285746-359D-7510-1A8C-36432A901A16</SchoolInfoRefId>
  <EventId>Yard-10</EventId>
  <WellbeingEventNotes>Incident relates to School Yard accident.</WellbeingEventNotes>
  <WellbeingEventCategoryClass>D</WellbeingEventCategoryClass>
  <WellbeingEventCategoryList>
    <WellbeingEventCategory>
      <EventCategory>M5</EventCategory>
      <WellbeingEventSubCategoryList>
        <WellbeingEventSubCategory>M5-a</WellbeingEventSubCategory>
      </WellbeingEventSubCategoryList>
    </WellbeingEventCategory>
  </WellbeingEventCategoryList>
  <ReportingStaffRefId>3FFB63B4-CFEF-4820-8501-E7D1E54555CB</ReportingStaffRefId>
  <WellbeingEventDate>2017-11-01</WellbeingEventDate>
  <WellbeingEventTimePeriod>AM</WellbeingEventTimePeriod>
</WellbeingEvent>
```
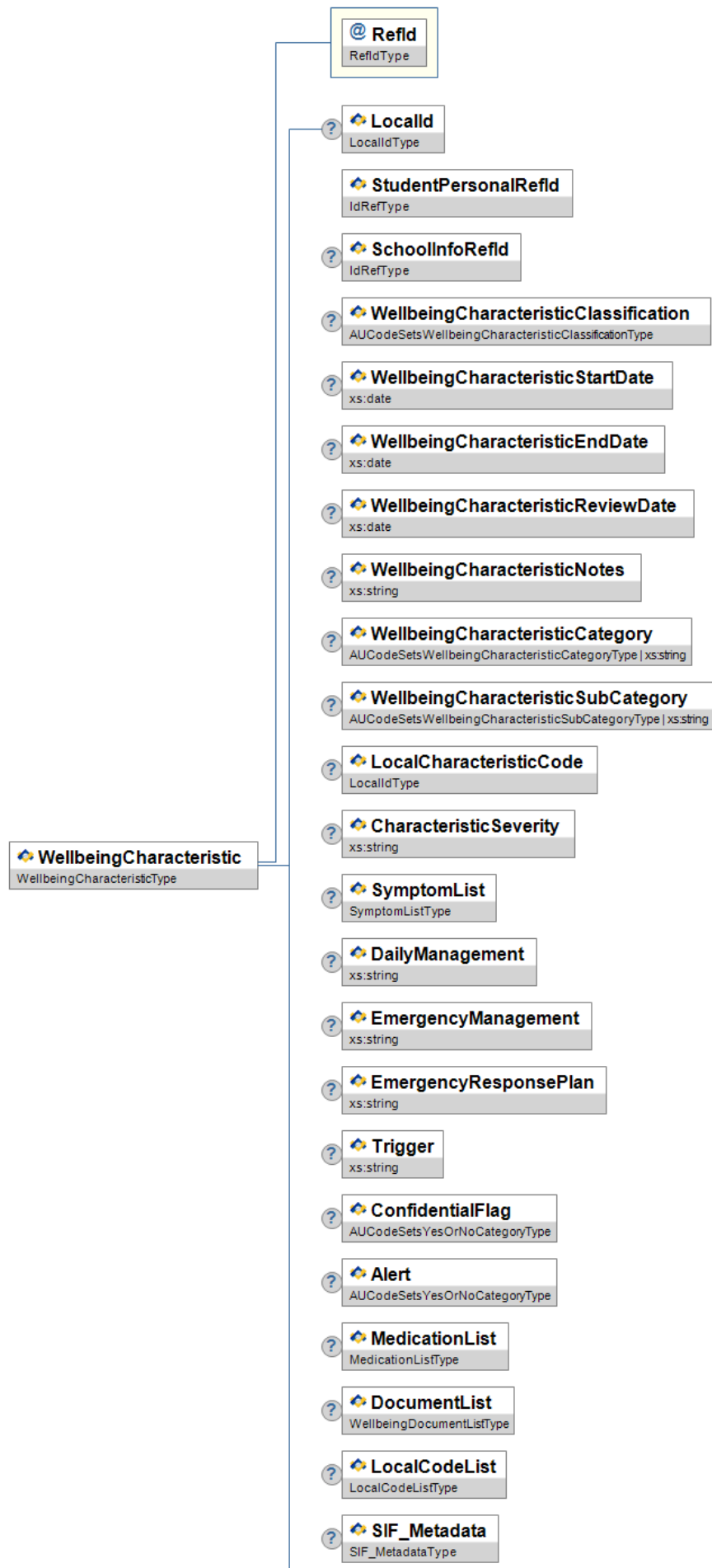
Example 3.12.5-3: WellbeingEvent3

3.12.6 WellbeingPersonLink

Object intended to list one or more groups of involved parties to a WellbeingEvent and optionally a WellbeingResponse, when the primary involvement in that event is not restricted to a single student. Groups are identified through the GroupId element, whose value is repeated for a WellbeingPersonLink instance for each member of that group. Participants are not restricted to being students, and can be staff, student contacts, or other third parties.

SIF_Events are reported for this object.
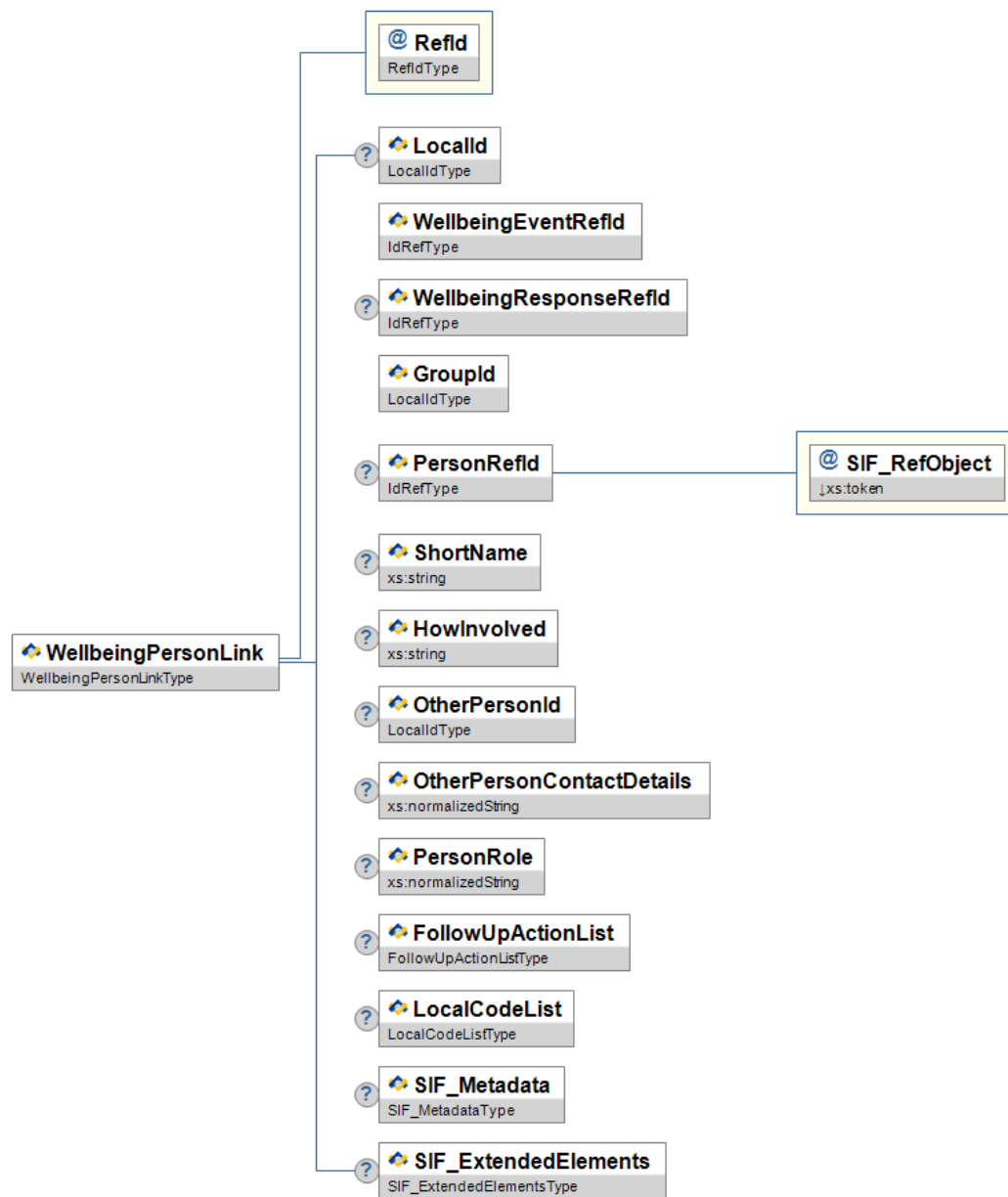
Figure 3.12.6-1: WellbeingPersonLink

	Element/@Attribute	Char	Privacy Rating	Description	Type
	WellbeingPersonLink		High	Object intended to list one or more groups of involved parties to a WellbeingEvent and optionally a WellbeingResponse, when the primary involvement in that event is not restricted to a single student. Groups are identified through the GroupId element, whose value is repeated for a WellbeingPersonLink instance for each member of that group. Participants are not restricted to being students, and can be staff, student contacts, or other third parties.	
@ 🔑	RefId	M	Low	The ID (GUID) assigned to uniquely identify this WellbeingPersonLink.	`RefIdType`
	LocalId	O	Low	The Local Id of this this WellbeingPersonLink.	`LocalIdType`
	WellbeingEventRefId	M	Low	The ID (GUID) assigned to identify this Event that this object links to.	`IdRefType`
	WellbeingResponseRefId	O	Low	The ID (GUID) assigned to identify a Response that this object maybe linked to.	`IdRefType`
	GroupId	M	Low	An identifier of the group involved.	`LocalIdType`
	PersonRefId	O		The RefId of the Person involved in the event, can be supplied if the Person is already a staff, student or student contact.	`IdRefType`
@	SIF_RefObject	M		The type of SIF object that the `PersonRefId` attribute identifies.	**values:** `StudentPersonal` `StaffPersonal` `StudentContactPersonal`
	ShortName	O		Optional free text name for a person, usually only used where the person does not have a personal record with a RefId e.g Is not represented in a StudentPersonal, StaffPersonal or StudentContactPersonal object.	`xs:string`
	HowInvolved	O		Optional free text detailing involvement.	`xs:string`
	OtherPersonId	C	High	If this Link is to a person who does not have a Personal Object, this is a LocalId or another identifier.	`LocalIdType`
	OtherPersonContactDetails	C	High	If this Link is to a person who does not have a Personal Object, this is a more details about that person.	`xs:normalizedString`
	PersonRole	C	High	If this Link is to a person who does not have a Personal Object, this is a more details about that person.	`xs:normalizedString`
	FollowUpActionList	O	High	List of Actions where an action resulted and is known. This action list is added here in case follow up actions are specific to a member of the group.	`FollowUpActionListType`
	LocalCodeList	O	High		`LocalCodeListType`
	SIF_Metadata	O	High		`SIF_MetadataType`
	SIF_ExtendedElements	O	High		`SIF_ExtendedElementsType`

Table 3.12.6-1: WellbeingPersonLink

JSON 📋 **XML** 📋

```
<WellbeingPersonLink RefId="2FFB63B4-CFEF-4820-8501-E7D1E54555CB">
  <WellbeingEventRefId>D3E34B35-9D75-101A-8C3D-00AA001A1688</WellbeingEventRefId>
  <WellbeingResponseRefId>E6E34B35-9D75-101A-8C3D-00AA001A1700</WellbeingResponseRefId>
  <GroupId>Inv0009</GroupId>
  <PersonRefId SIF_RefObject="StudentPersonal">D3E34B35-9D75-101A-8C3D-00AA001A1652</PersonRefId>
  <!-- Should you have the school here???
                <SchoolInfoRefId>CA285746-359D-7510-1A8C-36432A901A16</SchoolInfoRefId>-->
  <HowInvolved>Victim</HowInvolved>
  <FollowUpActionList>
    <FollowUpAction>
      <FollowUpDetails>Parent's notified</FollowUpDetails>
    </FollowUpAction>
  </FollowUpActionList>
</WellbeingPersonLink>
```

Example 3.12.6-1: WellbeingPersonLink

JSON 📋   **XML** 📋

```
<WellbeingPersonLink RefId="2FFB63B4-CFEF-4820-8501-E7D1E54555CB">
  <WellbeingEventRefId>D3E34B35-9D75-101A-8C3D-00AA001A1688</WellbeingEventRefId>
  <WellbeingResponseRefId>E6E34B35-9D75-101A-8C3D-00AA001A1700</WellbeingResponseRefId>
  <GroupId>Inv0009</GroupId>
  <PersonRefId SIF_RefObject="StudentPersonal">D3E34B35-9D75-101A-8C3D-00AA001A1652</PersonRefId>
  <!-- Should you have the school here???
                      <SchoolInfoRefId>CA285746-359D-7510-1A8C-36432A901A16</SchoolInfoRefId>-->
  <HowInvolved>Instigator</HowInvolved>
  <FollowUpActionList>
    <FollowUpAction>
      <FollowUpDetails>Parent's notified</FollowUpDetails>
    </FollowUpAction>
  </FollowUpActionList>
</WellbeingPersonLink>
```

Example 3.12.6-2: WellbeingPersonLink2

JSON 📋   **XML** 📋

```
<WellbeingPersonLink RefId="2FFB63B4-CFEF-4820-8501-E7D1E54555CB">
  <WellbeingEventRefId>D3E34B35-9D75-101A-8C3D-00AA001A1688</WellbeingEventRefId>
  <WellbeingResponseRefId>E6E34B35-9D75-101A-8C3D-00AA001A1700</WellbeingResponseRefId>
  <GroupId>Inv0009</GroupId>
  <PersonRefId SIF_RefObject="StaffPersonal">D3E34B35-9D75-101A-8C3D-00AA001A1652</PersonRefId>
  <HowInvolved>Reporter</HowInvolved>
  <FollowUpActionList>
    <FollowUpAction>
      <FollowUpDetails>Event Logged</FollowUpDetails>
    </FollowUpAction>
  </FollowUpActionList>
</WellbeingPersonLink>
```

Example 3.12.6-3: WellbeingPersonLink3

JSON 📋   **XML** 📋

```
<WellbeingPersonLink RefId="2FFB63B4-CFEF-4820-8501-E7D1E54555CB">
  <WellbeingEventRefId>D3E34B35-9D75-101A-8C3D-00AA001A1688</WellbeingEventRefId>
  <WellbeingResponseRefId>E6E34B35-9D75-101A-8C3D-00AA001A1700</WellbeingResponseRefId>
  <GroupId>Inv0009</GroupId>
  <OtherPersonId>Not known</OtherPersonId>
  <OtherPersonContactDetails>Ms Smith, Visitor, 0435 345 678</OtherPersonContactDetails>
  <PersonRole>Reported Incident to Office</PersonRole>
</WellbeingPersonLink>
```

Example 3.12.6-4: WellbeingPersonLink4

3.12.7 WellbeingResponse

An outcome of a Student Wellbeing Event - or more often referred to in discussions as an 'Incident' usually will have a WellbeingResponse, action or an outcome. Many events may have WellbeingResponses that need to be reported to other systems or agencies. This may be a Suspension, an Expulsion/Exclusion, or an experience which requires reward or recognition. WA has specific language around categories of suspension—e.g. they are legally constrained not to refer to expulsion of students.

SIF_Events are reported for this object.
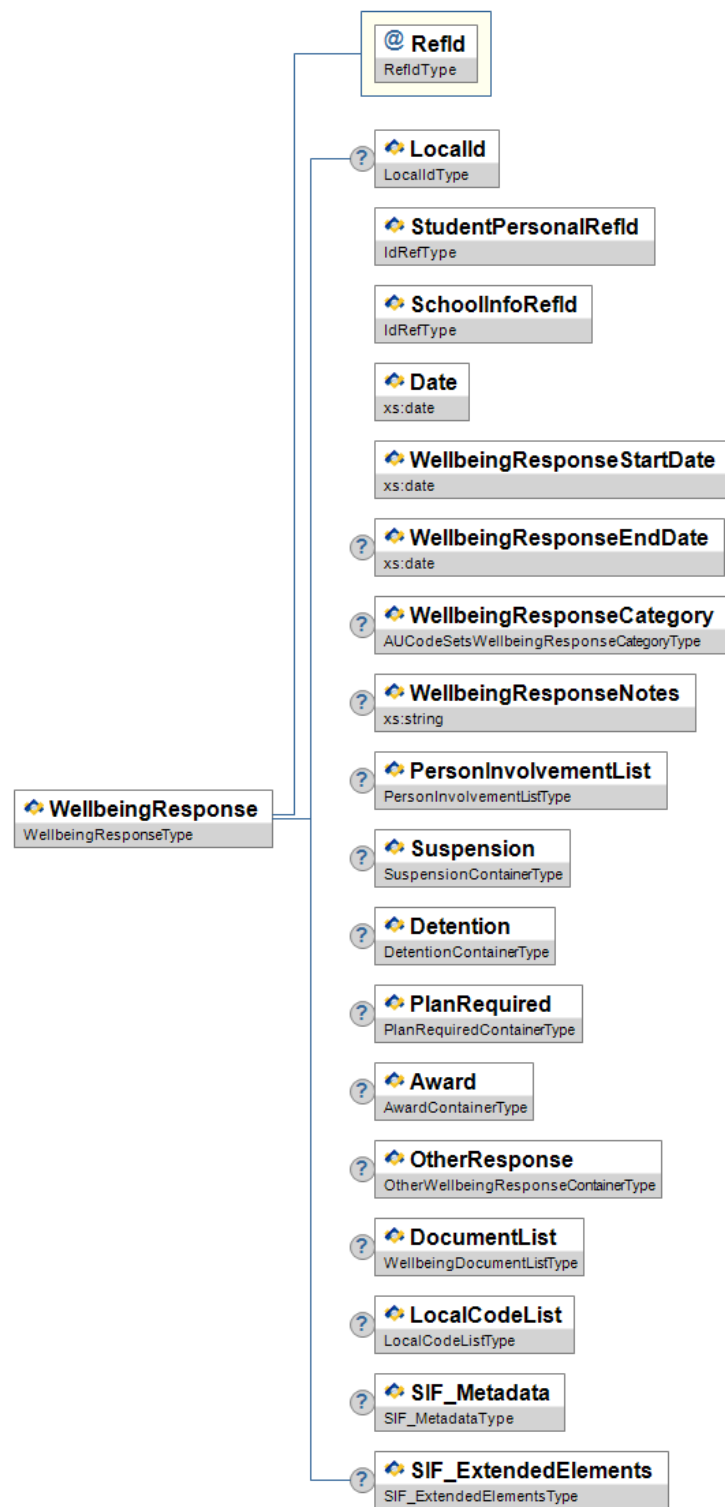
Figure 3.12.7-1: WellbeingResponse

	Element/@Attribute	Char	Privacy Rating	Description	Type
	WellbeingResponse		High	An outcome of a Student Wellbeing Event - or more often referred to in discussions as an 'Incident' usually will have a WellbeingResponse, action or an outcome. Many events may have WellbeingResponses that need to be reported to other systems or agencies. This may be a Suspension, an Expulsion/Exclusion, or an experience which requires reward or recognition. WA has specific language around categories of suspension—e.g. they are legally constrained not to refer to expulsion of students.	
@ 🔑	RefId	M	Low	The ID (GUID) assigned to uniquely identify this WellbeingResponse.	RefIdType
	LocalId	O	Low	The Local Id of this WellbeingResponse.	LocalIdType
	StudentPersonalRefId	M	High	The ID (GUID) of the student to whom this WellbeingResponse belongs.	IdRefType
	SchoolInfoRefId	M	Low	The ID (GUID) of the school for which this WellbeingResponse is being reported.	IdRefType
	Date	M	Low	The calendar date on which this WellbeingResponse was published.	xs:date
	WellbeingResponseStartDate	M	Low	The date the WellbeingResponse period commenced.	xs:date
	WellbeingResponseEndDate	O	Low	The date the WellbeingResponse is due to finish.	xs:date
	WellbeingResponseCategory	C	High	Category of WellbeingResponse.	AUCodeSetsWellbeingResponseCategoryType
	WellbeingResponseNotes	O	High	Text relating to the particular WellbeingResponse.	xs:string
	PersonInvolvementList	O	High	>A person (additional to the student) involved in a Wellbeing event/response where required to be known.	PersonInvolvementListType
	Suspension	O	High	Container for details of a Suspension or Expulsion.	SuspensionContainerType
	Detention	O	High	Container for details of a Detention.	DetentionContainerType
	PlanRequired	O	High	Container for Information to define the need for a Plan.	PlanRequiredContainerType
	Award	O	High	Container for details of an Award.	AwardContainerType
	OtherResponse	O	High	Container for details of another type of Response.	OtherWellbeingResponseContainerType
	DocumentList	O	High	Describes the Location of any associated documents kept in relation to this Response.	WellbeingDocumentListType
	LocalCodeList	O	High		LocalCodeListType
	SIF_Metadata	O	High		SIF_MetadataType
	SIF_ExtendedElements	O	High		SIF_ExtendedElementsType

Table 3.12.7-1: WellbeingResponse

JSON 📄   **XML** 📄

```
<WellbeingResponse RefId="2FFB63B4-CFEF-4820-8501-E7D1E54555CB">
   <StudentPersonalRefId>D3E34B35-9D75-101A-8C3D-00AA001A1652</StudentPersonalRefId>
   <SchoolInfoRefId>CA285746-359D-7510-1A8C-36432A901A16</SchoolInfoRefId>
   <Date>2017-11-01</Date>
   <WellbeingResponseStartDate>2017-11-01</WellbeingResponseStartDate>
   <WellbeingResponseEndDate>2017-11-10</WellbeingResponseEndDate>
   <WellbeingResponseCategory>S</WellbeingResponseCategory>
   <WellbeingResponseNotes>This Student is to be withdrawn.</WellbeingResponseNotes>
</WellbeingResponse>
```

3.13 Z - For Future Deprecation

3.13.1 ResourceUsage

Note: WARNING This object has been marked for deprecation and is planned to be removed with the 3.5 SIF AU Data Model release. If you plan to use this object, please contact your SIF AU DSWG member, please note that it may become unavailable.

This object tracks resource usage by a student or staff member at a school over a defined time period.

SIF_Events are reported for this object.
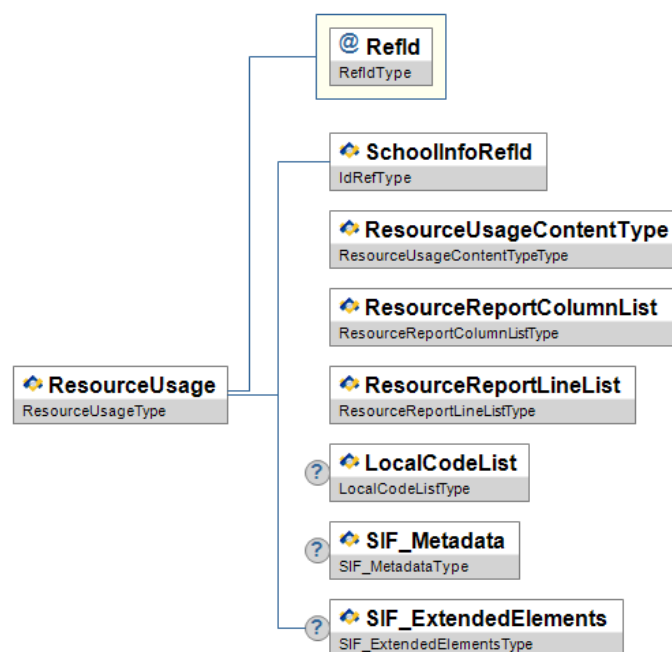
Figure 3.13.1-1: ResourceUsage

	Element/@Attribute	Char	Privacy Rating	Description	Type
	ResourceUsage		Low	Note: WARNING This object has been marked for deprecation and is planned to be removed with the 3.5 SIF AU Data Model release. If you plan to use this object, please contact your SIF AU DSWG member, please note that it may become unavailable. This object tracks resource usage by a student or staff member at a school over a defined time period.	
@ 🔑	RefId	M	Low	The SIF RefId that uniquely identifies this object.	RefIdType
	SchoolInfoRefId	M	Low	SIF RefId that identifies the school providing the resource being tracked.	IdRefType
	ResourceUsageContentType	M	Low	Information about the ResourceUsage.	ResourceUsageContentTypeType
	ResourceReportColumnList	M	Low	Definitions of the values given in ResourceReportList/ ResourceReport/ ReportRow.	ResourceReportColumnListType
	ResourceReportLineList	M	Low	List of resource reports, one per user.	ResourceReportLineListType
	LocalCodeList	O	Low		LocalCodeListType
	SIF_Metadata	O	Low		SIF_MetadataType
	SIF_ExtendedElements	O	Low		SIF_ExtendedElementsType

Table 3.13.1-1: ResourceUsage

JSON 📋   **XML** 📋

```
<ResourceUsage RefId="4286194F-43ED-43C1-8EE2-F0A27C4BEF87">
  <SchoolInfoRefId>23B08571-E4D6-45C3-B82A-3E52E5349925</SchoolInfoRefId>
  <ResourceUsageContentType>
    <Code>01</Code>
    <LocalDescription>Other Description</LocalDescription>
  </ResourceUsageContentType>
  <ResourceReportColumnList>
    <ResourceReportColumn>
      <ColumnName>userName</ColumnName>
      <ColumnDelimiter>,</ColumnDelimiter>
    </ResourceReportColumn>
    <ResourceReportColumn>
      <ColumnName>comment</ColumnName>
    </ResourceReportColumn>
    <ResourceReportColumn>
      <ColumnName>planName</ColumnName>
    </ResourceReportColumn>
    <ResourceReportColumn>
      <ColumnName>totalBytesIn</ColumnName>
      <ColumnDescription>total Bytes downloaded (MB)</ColumnDescription>
    </ResourceReportColumn>
    <ResourceReportColumn>
      <ColumnName>totalBytesOut</ColumnName>
      <ColumnDescription>total Bytes uploaded (MB)</ColumnDescription>
    </ResourceReportColumn>
  </ResourceReportColumnList>
  <ResourceReportLineList>
    <ResourceReportLine>
      <SIF RefId SIF RefObject="StudentPersonal">23B08571-E4D6-45C3-B82A-3E52E5349925</SIF RefId>
```

Example 3.13.1-1: ResourceUsage

3.13.2 SystemRole

Note: WARNING This object has been marked for deprecation and is planned to be removed with the 3.5 SIF AU Data Model release. If you plan to use this object, please contact your SIF AU DSWG member, please note that it may become unavailable.

The SystemRole Object defines the systems that a user has access to, the roles they perform within those systems, and the scope of those roles within the particular system.

The RoleScopeList is used to list the entities over which the user has access rights.

SIF_Events are reported for this object.
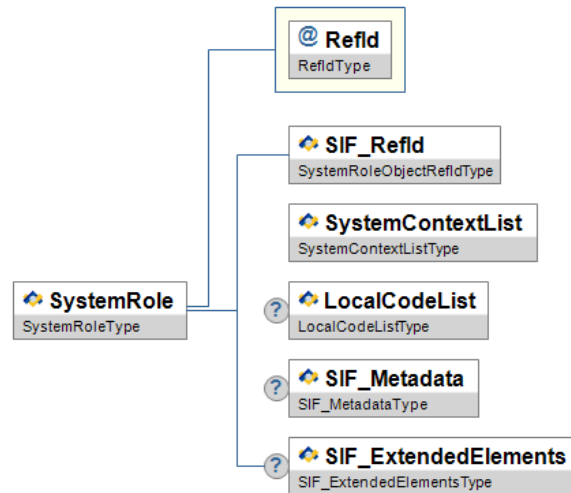
Figure 3.13.2-1: SystemRole

	Element/@Attribute	Char	Privacy Rating	Description	Type
	SystemRole		Low	The SystemRole Object defines the systems that a user has access to, the roles they perform within those systems, and the scope of those roles within the particular system. The RoleScopeList is used to list the entities over which the user has access rights.	
@🔑	RefId	M	Low	The SIF RefId that uniquely identifies this object.	RefIdType
	SIF_RefId	M	Low	The SIF RefId that provides the source Object for this SystemRole Object.	SystemRoleObjectRefIdType
	SystemContextList	M	Low	At least one SystemContext must be provided.	SystemContextListType
	LocalCodeList	O	Low		LocalCodeListType
	SIF_Metadata	O	Low		SIF_MetadataType
	SIF_ExtendedElements	O	Low		SIF_ExtendedElementsType

Table 3.13.2-1: SystemRole

JSON 📋　　**XML** 📋

```xml
<SystemRole RefId="4286194F-43ED-43C1-8EE2-F0A27C4BEF86">
  <SIF_RefId SIF_RefObject="Identity">23B08571-E4D6-45C3-B82A-3E52E5349925</SIF_RefId>
  <SystemContextList>
    <SystemContext SystemId="LearningPlatformSystem1">
      <RoleList>
        <Role RoleId="Admin">
          <RoleScopeList>
            <RoleScope>
              <RoleScopeName>SchoolGroupName1</RoleScopeName>
              <RoleScopeRefId SIF_RefObject="SchoolInfo">23B08571-E4D6-45C3-B82A-3E52E5349912</RoleScopeRefId>
            </RoleScope>
            <RoleScope>
              <RoleScopeName>ClassName1</RoleScopeName>
              <RoleScopeRefId SIF_RefObject="TeachingGroup">23B08571-E4D6-45C3-B82A-3E52E5349945</RoleScopeRefId>
            </RoleScope>
          </RoleScopeList>
        </Role>
      </RoleList>
    </SystemContext>
    <SystemContext SystemId="ContentManagement">
      <RoleList>
        <Role RoleId="User">
          <RoleScopeList>
            <RoleScope>
              <RoleScopeName>SchoolName1</RoleScopeName>
              <RoleScopeRefId SIF_RefObject="StudentActivityParticipation">23B08571-E4D6-45C3-B82A-3E52E5349923</RoleScopeRefId>
            </RoleScope>
          </RoleScopeList>
        </Role>
```

Example 3.13.2-1: SystemRole

4 Conceptual Model

4.1 Conceptual

Conceptual Model 3.4.8

The conceptual model is at the level of entities and relations between them; attributes are not listed. All objects in the Australian data model are represented; some objects are represented as relations between entities, rather than as distinct entities. For clarity, the conceptual model is broken up into use cases:

- Enrolment
- Account Provisioning
- Timetable/Attendance
- Finance/Resources
- NAPLAN
- Wellbeing
- Classroom Assessment
- Scheduling
- Statistics
- Teaching and Learning
- Reporting Collections

Entity Diagram/Table Conventions

Entities are named with names that the schools sector business can relate to readily, rather than the current names of SIF AU objects.

The conceptual model uses UML conventions. Each class corresponds to one or more SIF objects. Abstract classes, which generalise from classes, are used to capture relations more economically; they are *italicised* in the diagrams.

Relations between classes, which correspond to SIF objects, are italicised in the Entity tables.

Alternatives are indicated with semicolon. Refinements/context on alternatives are indicated by *italics* and prefix. A colon is used to introduce the context in which an alternative representation is applicable.

Relation Table Conventions

The comma-delimited objects enumerated are the set of objects which together represent the relationship, including the two objects containing the join attribute and the object joining the two, where applicable.

If an object is optional for the relation to be expressed, it is put in brackets.

If two objects are alternatives for each other in the relation presented, they are represented by { Object1, Object 2 }. (See Account Provisioning, for instance).

If there are multiple sets of objects which represent the relationship, they are semicolon-delimited: "A, B, C; Y, Z".

Some objects are highly denormalised, to the extent that they contain data about both entities being related; in such cases, only a single object is needed to represent the relation.

Enrolment

The following are the primary objects involved in enrolling a student onto school systems.
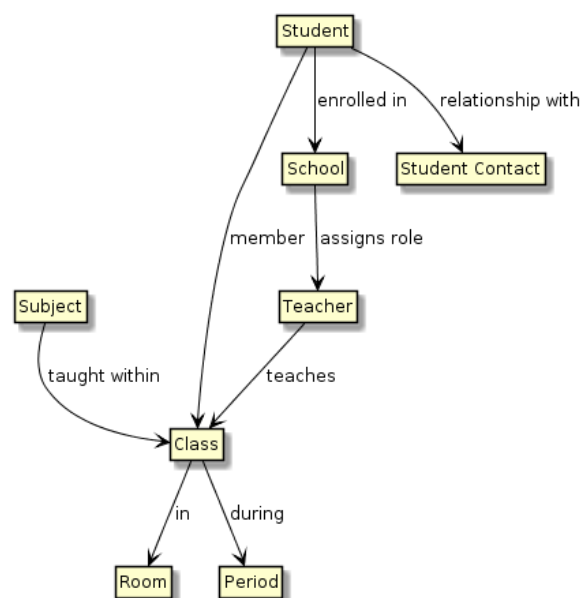
The following includes secondary objects which may also be invoked during student enrolment (shaded grey).

Entities

Conceptual Entity	SIF AU Object/s
School	SchoolInfo
Student	StudentPersonal
enrolls	StudentSchoolEnrollment
Teacher	StaffPersonal
assigns roles	StaffAssignment
Parent/Student Contact	StudentContactPersonal
relationship with	StudentContactRelationship
Class	TeachingGroup; SectionInfo
member	StudentSectionEnrollment
Course	SchoolCourseInfo [*relations coded redundantly with Class*]
Subject	TimeTableSubject
EducationAuthority	LEAInfo
Term	TermInfo
Period	TimeTableCell
Room	RoomInfo
Program	SchoolProgram
participates	*Program:* StudentParticipation; *Co-Curricular Activity:* StudentActivityParticipation
Picture	PersonPicture
Co-Curricular Activity	StudentActivityInfo

Relations

The following maps the relations captured in the conceptual model to sets of SIF AU objects.

Conceptual	SIF AU Object/s
A Student is enrolled in a School	StudentPersonal, StudentSchoolEnrolment, SchoolInfo
A Teacher is assigned a role in a School	StaffPersonal, StaffAssignment, SchoolInfo
A Parent/Student Contact has a relationship with a Student	StudentContactPersonal, StudentContactRelationship, StudentPersonal
A Teacher teaches/associates with a Class	StaffPersonal, TeachingGroup
A Class contributes to a Course	TeachingGroup, SchoolCourseInfo; SectionInfo, SchoolCourseInfo
A Subject is taught within a Class	TeachingGroup, TimeTableSubject
(A Class occurs during a Term)	SectionInfo, TermInfo
A Class is taught in a Room	TeachingGroup, RoomInfo
A Class is taught during a Period	TeachingGroup, TimeTableCell
A Course is taught within a School	SchoolCourseInfo, SchoolInfo
A Course is taught during a Term	SchoolCourseInfo, TermInfo
A Subject is part of a Course	TimeTableSubject, SchoolCourseInfo
A Subject is taught within a School	TimeTableSubject, SchoolInfo
A Term is administered by a School	TermInfo, SchoolInfo
A Student participates in a Co-Curricular Activity	StudentPersonal, StudentActivityParticipation, StudentActivityInfo
A School belongs to an Education Authority	SchoolInfo, LEAInfo
A School offers a Program	SchoolInfo, SchoolPrograms
A Student participates in a Program	StudentPersonal, StudentParticipation, SchoolPrograms

Account Provisioning

Relations whose logical representation will be deprecated in SIF-AU 3.5 are marked in red.

Entities

Relations which map to SIF objects are given in lowercase and are *italicised*

Conceptual Entity	SIF AU Object/s
Identity	Itentity
System	SystemRole
role	SystemRole
Picture	PersonPicture

Relations

The following maps the relations captured in the conceptual model to sets of SIF AU objects.

Conceptual	SIF AU Object/s
A Student is a Party	StudentPersonal
A Teacher is a Party	StaffPersonal
A Parent/Student Contact is a Party	StudentContactPersonal
A Party has a Picture	{StudentPersonal, StaffPersonal, StudentContactPersonal}, PersonPicture
A Party asserts an Identity	{StudentPersonal, StaffPersonal, StudentContactPersonal}, Identity
A Party has a role on a System	{StudentPersonal, StaffPersonal, StudentContactPersonal}, SystemRole

Timetable/Attendance

Entities

Relations which map to SIF objects are given in lowercase and *italicised*

Conceptual Entity	SIF AU Object/s
School	SchoolInfo
Student	StudentPersonal
enrolls	StudentSchoolEnrollment
Teacher	StaffPersonal
assigns role	StaffAssignment
Class	TeachingGroup; SectionInfo; TimeTableContainer
member	StudentSectionEnrollment
Calendar	CalendarSummary
Day	CalendarDate
Period	TimeTableCell; SessionInfo; TimeTableContainer
TimeTable	TimeTable; TimeTableContainer
Scheduled Activity	ScheduledActivity
attendance marked for	*Period:* StudentPeriodAttendance; *Calendar Day:* StudentDailyAttendance, StudentAttendanceTimeList; *reporting object:* StudentAttendanceSummary

Relations

The following maps the relations captured in the conceptual model to sets of SIF AU objects.

Conceptual	SIF AU Object/s
A Student is enrolled in a School	StudentPersonal, StudentSchoolEnrolment, SchoolInfo
A Teacher is assigned a role in a School	StaffPersonal, StaffAssignment, SchoolInfo
A Student is a member of a Class	StudentPersonal, TeachingGroup; StudentPersonal, StudentSectionEnrollment, SectionInfo
A Teacher teaches/associates with a Class	StaffPersonal, TeachingGroup
A Class is taught during a Period	TeachingGroup, TimeTableCell *cyclic*
A School has a Calendar	SchoolInfo, CalendarSummary
A Day belongs to a Calendar	CalendarDate, CalendarSummary
A Timetable is administered by a School	TimeTable, SchoolInfo
A Period belongs to a Timetable	TimeTableCell, TimeTable
A Scheduled Activity is scheduled for a Period	ScheduledActivity, TimeTableCell, (SessionInfo)
A Student attends a Scheduled Activity	ScheduledActivity, StudentPersonal
A Teacher attends a Scheduled Activity	ScheduledActivity, StaffPersonal
A Class is involved with a Scheduled Activity	ScheduledActivity, TeachingGroup
A Student has attendance marked for a Period	StudentPersonal, StudentPeriodAttendance, ({TimeTableCell, SessionInfo})
A Student has attendance marked for a Day	StudentPersonal, StudentDailyAttendance, (CalendarDate); StudentPersonal, StudentAttendanceTimeList, (CalendarDate)

Finance/Resources
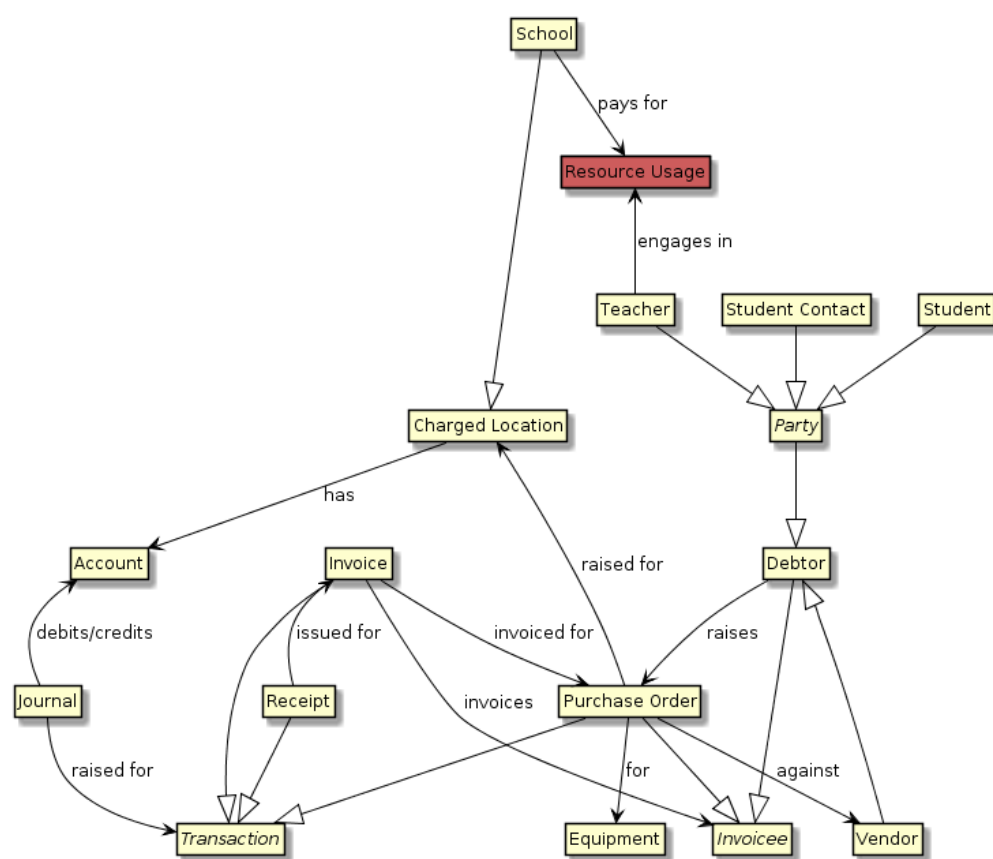
Entities

Relations which map to SIF objects are given in lowercase and *italicised*

Conceptual Entity	SIF AU Object/s
School	SchoolInfo
Teacher	StaffPersonal
Parent/StudentContact	StudentContactPersonal
Equipment	EquipmentInfo
Resource Usage	ResourceUseage
Vendor	VendorInfo
Purchase Order	PurchaseOrder
Charged Location	ChargedLocation
Debtor	Debtor
Account	FinancialAccount
Journal	Journal
Invoice	Invoice
Receipt	PaymentReceipt

Relations

The following maps the relations captured in the conceptual model to sets of SIF AU objects.

Conceptual	SIF AU Object/s
A Teacher engages in Resource Usage	StaffPersonal, ResourceUsage
A School pays for Resource Usage	SchoolInfo, ResourceUsage
A Teacher (Staff) raises a Purchase Order	StaffPersonal, PurchaseOrder
A Purchase Order is raised against a Vendor	PurchaseOrder, VendorInfo
A Purchase Order is raised for a Charged Location	PurchaseOrder, ChargedLocationInfo
A School is a Charged Location	SchoolInfo, ChargedLocationInfo
A Party is a Debtor	{StudentPersonal, StaffPersonal, StudentContactPersonal}, Debtor
A Vendor is a Debtor	VendorInfo, Debtor
A Charged Location has an Account	ChargedLocationInfo, FinancialAccount
An Invoice is a Transaction	Invoice
A Receipt is a Transaction	PaymentReceipt
A Purchase Order is a Transaction	PurchaseOrder
A Journal processes a Transaction	Journal, {Invoice, PaymentReceipt, PurchaseOrder}
A Journal debits/credits an Account	Journal, FinancialAccount
A Debtor is an Invoicee	Debtor
A Purchase Order is an Invoicee	PurchaseOrder
An Invoice invoices an Invoicee	Invoice, {Debtor, PurchaseOrder}
An Invoice is invoiced against an Account	Invoice, FinancialAccount
An Invoice is invoiced for a Purchase Order	Invoice, PurchaseOrder
A Receipt is issued for an Invoice	Invoice, PaymentReceipt
A Purchase Order is for Equipment	PurchaseOrder, EquipmentInfo

NAPLAN
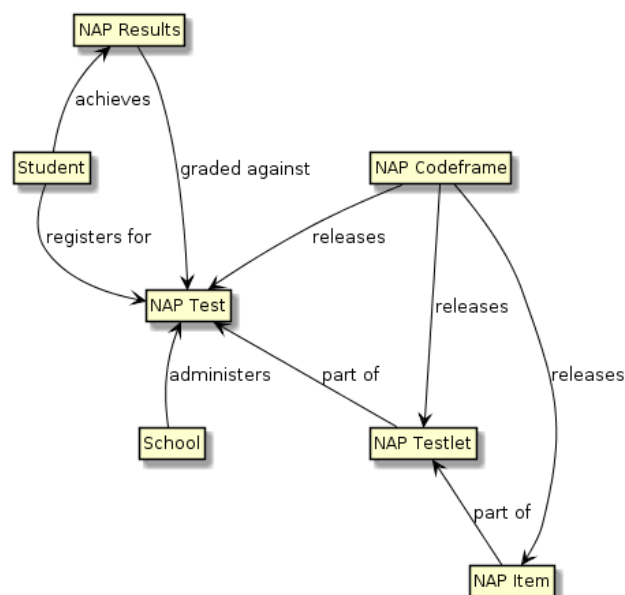
Entities

Relations which map to SIF objects are given in lowercase and *italicised*

Conceptual Entity	SIF AU Object/s
School	SchoolInfo
Student	StudentPersonal
NAP Test	NAPTest
registers for	NAPEventStudentLink
NAP Testlet	NAPTestlet
NAP Item	NAPTestItem
NAP Results	NAPStudentResponseSet, *reporting object:* NAPTestScoreSummary
NAP Codeframe	NAPCodeFrame

Relations

The following maps the relations captured in the conceptual model to sets of SIF AU objects.

Conceptual	SIF AU Object/s
A Student registers for a NAP Test	StudentPersonal, NAPStudentEventLink, NAPTest
A School administers a NAP Test	StudentPersonal, (SchoolInfo), NAPStudentEventLink, NAPTest
A NAP Testlet is part of a NAP Test	NAPTestlet, NAPTest
A NAP Item is part of a NAP Testlet	NAPTestItem, NAPTestlet
A NAP Codeframe releases NAP Tests	NAPCodeFrame, NAPTest
A NAP Codeframe releases NAP Testlets	NAPCodeFrame, NAPTestlet
A NAP Codeframe releases NAP Test items	NAPCodeFrame, NAPTestItem
A Student achieves a NAP Result	StudentPersonal, NAPStudentResponseSet; *aggregated:* NAPTestScoreSummary
NAP Results are graded against a NAP Test	NAPStudentResponseSet, NAPTest; *aggregated:* NAPTestScoreSummary, NAPTest

Wellbeing
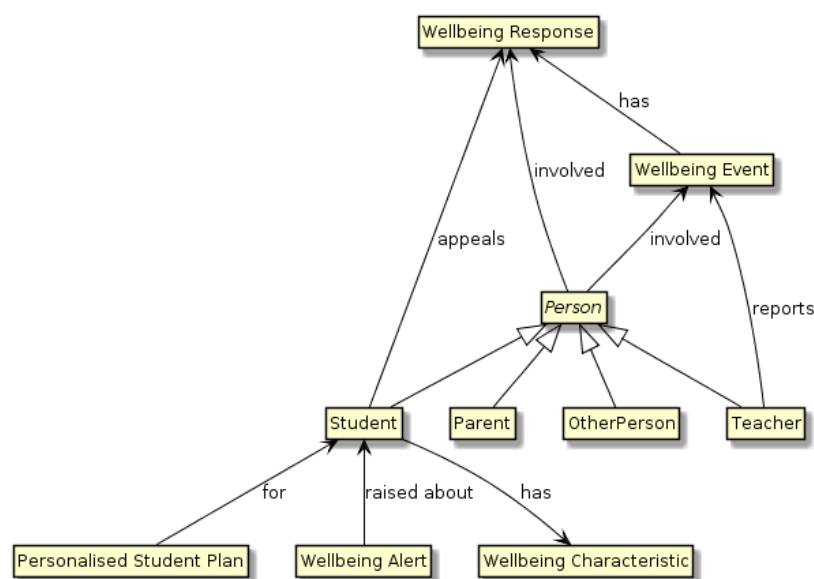
Entities

The entities in the Wellbeing Usecase are densely interrelated; a Personalised Plan, for example, can draw on all of Behaviour Events, Alerts, and Wellbeing Characteristics. The relations indicated here are not an exhaustive list, and some relations have been left out for clarity. Relations which map to SIF objects are given in lowercase and *italicised*

Conceptual Entity	SIF AU Object/s
School	SchoolInfo
Student	StudentPersonal
Teacher	StaffPersonal
Parent	StudentContactPersonal
Other Person	WellbeingPersonLink
Wellbeing Event	WellbeingEvent
Wellbeing Response	WellbeingResponse
involved	WellbeingPersonLink
appeals	WellbeingAppeal
Wellbeing Alert	WellbeingAlert
Wellbeing Characteristic	WellbeingCharacteristic
Personalised Student Plan	PersonalisedPlan

Relations

The following maps the relations captured in the conceptual model to sets of SIF AU objects.

Conceptual	SIF AU Object/s
A Student is involved in a Wellbeing Event	StudentPersonal, WellbeingEvent, *group:*WellbeingPersonLink
A Teacher can be involved in a Wellbeing Event	StaffPersonal, WellbeingEvent, *group:*WellbeingPersonLink
A Student Contact can be involved in a Wellbeing Event	StudentContactPersonal, WellbeingPersonLink
An Other Person can be involved in a Wellbeing Event	WellbeingPersonLink
A Teacher (Staff) reports a Wellbeing Event	StaffPersonal, WellbeingPersonLink
A Wellbeing Event has a Wellbeing Response	WellbeingEvent, WellbeingResponse
A Student is involved in a Wellbeing Response	StudentPersonal, WellbeingResponse
A Teacher can be involved in a Wellbeing Response	StaffPersonal, WellbeingResponse, *group:*WellbeingPersonLink
A Student Contact can be involved in a Wellbeing Response	StudentContactPersonal, WellbeingPersonLink
An Other Person can be involved in a Wellbeing Response	WellbeingPersonLink
A Wellbeing Response is appealed by a Student	WellbeingResponse, WellbeingAppeal, StudentPersonal
A Wellbeing Alert is raised about a Student	WellbeingAlert, StudentPersonal
A Student has a Wellbeing Characteristic	StudentPersonal, WellbeingCharacteristic
An Individualised Plan is for a Student	SPersonalisedPlan, StudentPersonal
An Individualised Plan responds to a Wellbeing Characteristic	WellbeingChracteristic, PersonalisedPlan
An Individualised Plan responds to a Behaviour Event	WellbeingEvent, PersonalisedPlan

Classroom Assessment
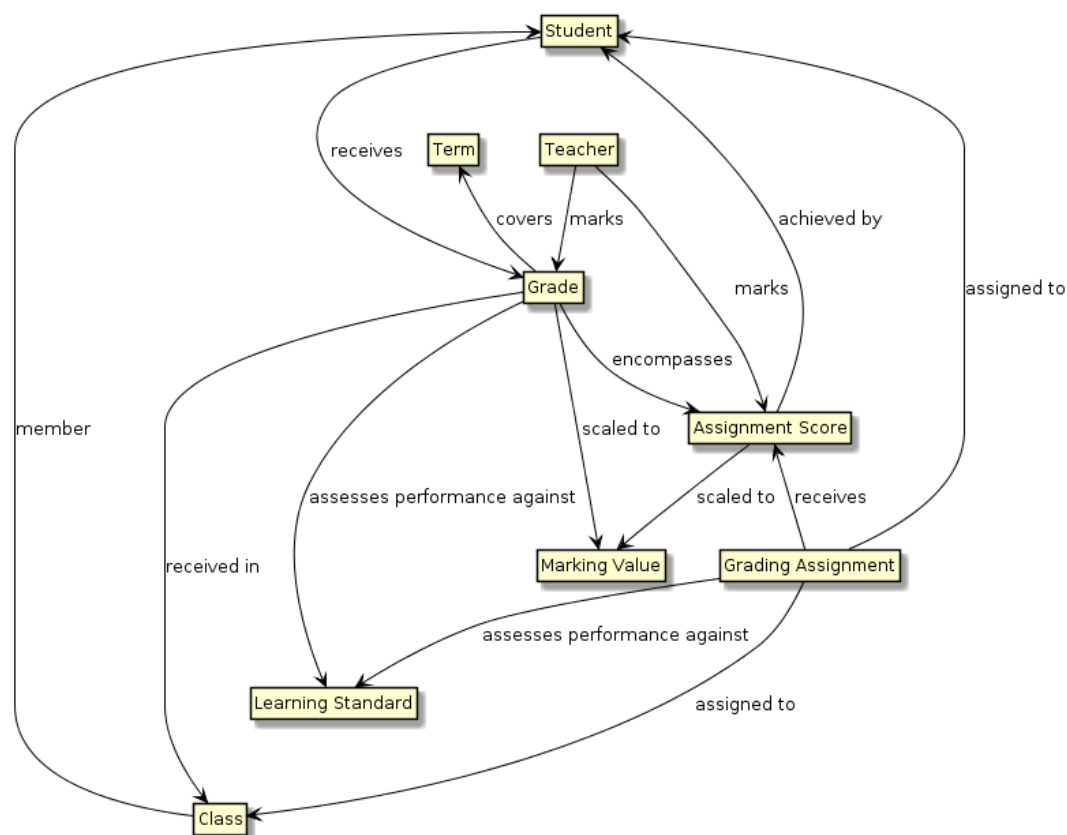
Entities

Relations which map to SIF objects are given in lowercase and *italicised*

Conceptual Entity	SIF AU Object/s
Student	StudentPersonal
Teacher	StaffPersonal
Class	TeachingGroup; SectionInfo
member	TeachingGroup; StudentSectionEnrollment
Term	TermInfo
LearningStandard	LearningStandardItem
Grading Assignment	GradingAssignment
Assignment Score	GradingAssignmentScore
Marking Value	MarkValueInfo
Grade	StudentGrade, *reporting object:* StudentScoreJudgementAgainstStandard

Relations

The following maps the relations captured in the conceptual model to sets of SIF AU objects.

Conceptual	SIF AU Object/s
A Student is a member of a Class	StudentPersonal, TeachingGroup; StudentPersonal, StudentSectionEnrollment, SectionInfo
A Grading Assignment is assigned to a Class	GradingAssignment, TeachingGroup
A Grading Assigment is assigned to a Student	GradingAssignment, StudentPersonal
A Grading Assignment receives an Assignment Score	GradingAssignmentScore, GradingAssignment
An Assignment Score is achieved by a Student	GradingAssignmentScore, StudentPersonal
An Assignment Score is scaled to a Marking Value	GradingAssignmentScore, MarkValueInfo
A Teacher marks an Assignment Score	GradingAssignmentScore, StaffPersonal
A Grading Assignment assesses performance against a Learning Standard	GradingAssignment, LearningStandardItem
A Student receives a Grade in a Class	{StudentGrade, StudentScoreJudgementAgainstStandard}, StudentPersonal, TeachingGroup
A Teacher marks a Grade	{StudentGrade, StudentScoreJudgementAgainstStandard}, StaffPersonal
A Grade covers a Term	{StudentGrade, StudentScoreJudgementAgainstStandard}, TermInfo
An Assignment Score is scaled to a Marking Value	GradingAssignmentScore, MarkValueInfo
A Grade assesses performance against a Learning Standard	{StudentGrade, StudentScoreJudgementAgainstStandard}, LearningStandardItem
A Grade is scaled to a Marking Value	{StudentGrade, StudentScoreJudgementAgainstStandard}, MarkValueInfo
A Grade encompasses Assignment Scores	{StudentGrade, StudentScoreJudgementAgainstStandard}, GradingAssignmentScore

Scheduling
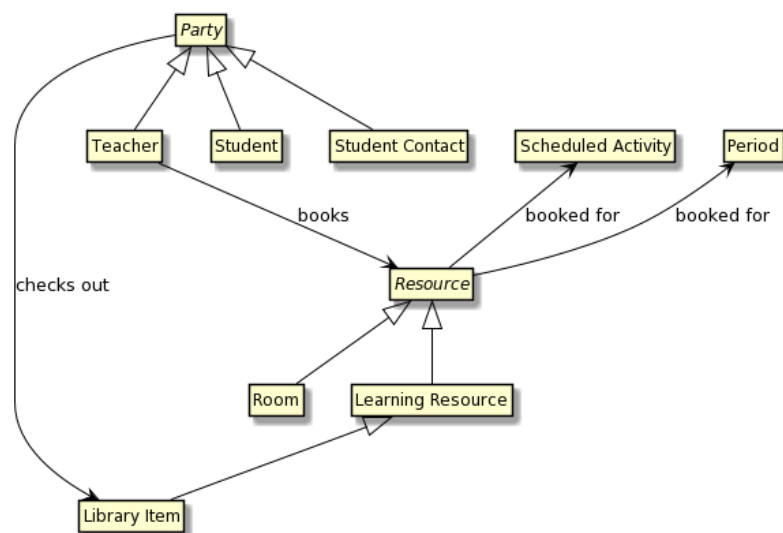
Entities

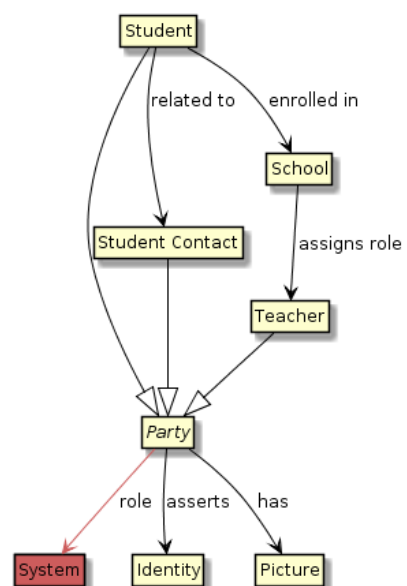| Conceptual Entity	SIF AU Object/s
Teacher	StaffPersonal
Period	TimeTableCell;TeachingGroup
Room	RoomInfo
Scheduled Activity	ScheduledActivity
Learning Resource	LearningResource
Library Item	LibraryPatronStatus

Relations

The following maps the relations captured in the conceptual model to sets of SIF AU objects.

Conceptual	SIF AU Object/s
A Room is a Resource	RoomInfo
A piece of Equipment is a Resource	EquipmentInfo
A Learning Resource is a Resource	LearningResource
A Library Item is a Resource	Library
A Resource may be booked for a Period	{RoomInfo, EquipmentInfo, LearningResource}, ResourceBooking
A Resource may be booked for a Scheduled Activity	{RoomInfo, EquipmentInfo, LearningResource}, ResourceBooking, ScheduledActivity
A Resource is booked by a Teacher	{RoomInfo, EquipmentInfo, LearningResource}, ResourceBooking, StaffPersonal
A Library Item is checked out by a Party	{StaffPersonal, StudentPersonal, StudentContactPersonal}, LibraryPatronStatus

Statistics
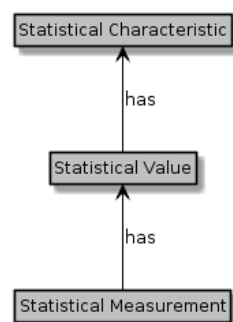
Entities

The greyed out objects are of secondary importance to the specification, and have been little used to date.

Conceptual Entity	SIF AU Object/s
Statistical Measurement	AggregateStatisticInfo
Statistical Value	AggregateStatisticFact
Statistical Characteristic	AggregateCharacteristic

Relations

The following maps the relations captured in the conceptual model to sets of SIF AU objects.

Conceptual	SIF AU Object/s
A Statistical Measurement has a Statistical Value	AggregateStatisticalFact, AggregateStatisticalInfo
A Statistical Value has a Statistical Characteristic	AggregateStatisticalInfo, AggregateCharacteristicInfo

Teaching and Learning
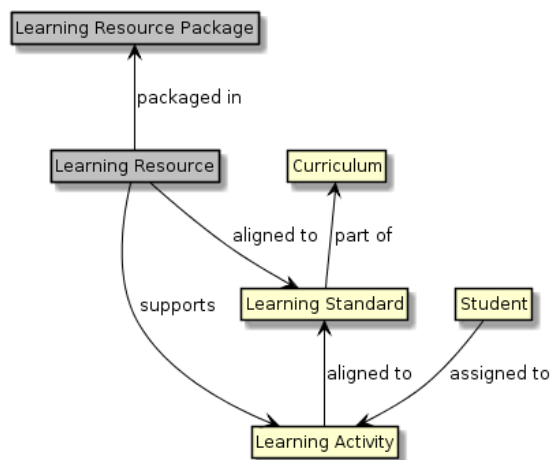
Entities

The greyed out objects are of secondary importance to the specification, and have been little used to date.

Conceptual Entity	SIF AU Object/s
Student	StudentPersonal
Learning Activity	Activity
Learning Standard	LearningStandardItem
Curriculum	LearningStandardDocument
Learning Resource	LearningResource
Learning Resource Package	LearningResourcePackage

Relations

The following maps the relations captured in the conceptual model to sets of SIF AU objects.

Conceptual	SIF AU Object/s
A Learning Activity is assigned to a Student	Activity, StudentPersonal
A Learning Activity is aligned to a Learning Standard	Activity, LearningStandardItem
A Learning Resource is aligned to a Learning Standard	LearningResource, LearningStandardItem
A Learning Resource is packaged in a Learning Resource Package	LearningResource, LearningResourcePackage
A Learning Standard is part of a Curriculum	LearningStandardItem, LearningStandardDocument
A Learning Resource supports a Learning Activity	Activity, LearningResource

Australian Government Reporting Collections
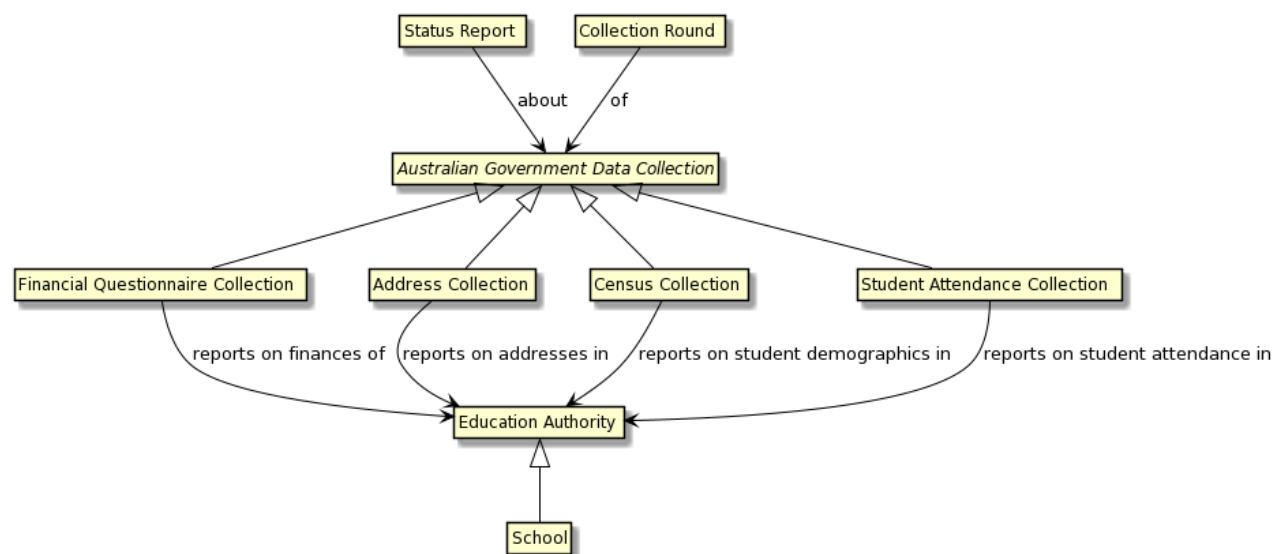
Entities

Conceptual Entity	SIF AU Object/s
School	SchoolInfo
Education Authority	LEAInfo
Financial Questionnaire	FinancialQuestionnaireCollection
Address Collection	AddressCollection
Student Attendance (STATS)	StudentAttendanceCollection
(Non-gov) Census Collection	CensusCollection
Status Report	CollectionStatus
Collection Round	CollectionRound

Relations

The following maps the relations captured in the conceptual model to sets of SIF AU objects.

Conceptual	SIF AU Object/s
A Financial Questionnaire is an Australian Government Data Collection	FinancialQuestionnaireCollection
An Address Collection is an Australian Government Data Collection	AddressCollection
A Census Collection (Non-gov) is an Australian Government Data Collection	CensusCollection
A Student Attendance (STATS) Collection is an Australian Government Data Collection	StudentAttendanceCollection
An Australian Government Data Collection comes from a School	{FinancialQuestionnaireCollection, AddressCollection, CensusCollection, StudentAttendance}
An Australian Government Data Collection comes from an Education Authority	{FinancialQuestionnaireCollection, AddressCollection, CensusCollection, StudentAttendance}
A Status Report is about an Australian Government Data Collection	CollectionStatus
A Collection Round is of an Australian Government Data Collection	CollectionRound, {FinancialQuestionnaireCollection, AddressCollection, CensusCollection, StudentAttendance}

Appendix A: Common Types

Common and supporting types referenced in this specification are included here as a reference.

A.1 AbstractContentElementType

`AbstractContentPackageType` used as an element, omitting `RefId`, `SIF_Metadata` and `SIF_ExtendedElements` or as an object which includes `RefId`.
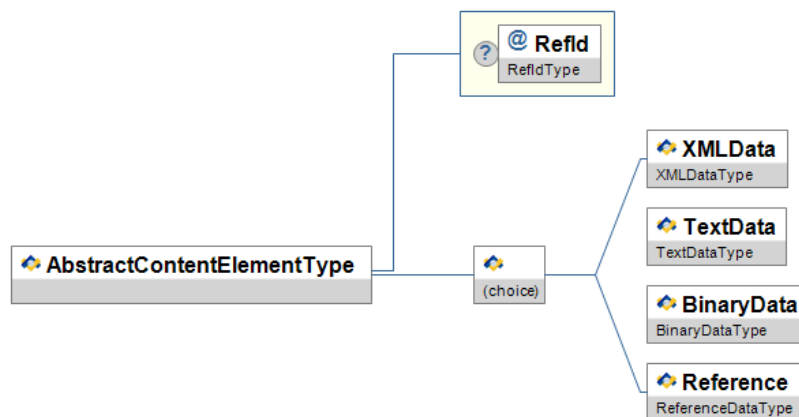
Figure A.1-1: AbstractContentElementType

	Element/@Attribute	Char	Description	Type
	AbstractContentElementType		`AbstractContentPackageType` used as an element, omitting `RefId`, `SIF_Metadata` and `SIF_ExtendedElements` or as an object which includes `RefId`.	
@	RefId	O	The GUID of the Object	`RefIdType`
	XMLData	C	Contains an arbitrary XML element, encoded in UTF-8.	`XMLDataType`
	TextData	C	Contains arbitrary text, encoded in UTF-8.	`TextDataType`
	BinaryData	C	Contains the base64Binary encoding of binary or text data not encoded in UTF-8.	`BinaryDataType`
	Reference	C	References external content via a URL.	`ReferenceDataType`

Table A.1-1: AbstractContentElementType

A.2 AccountCodeListType

List of financial account codes.

Figure A.2-1: AccountCodeListType

Element/@Attribute	Char	Description	Type
AccountCodeListType		List of financial account codes.	`List`
AccountCode	OR	Chart of account code associated with the invoice, can include program-sub-program etc.	`xs:token`

Table A.2-1: AccountCodeListType

A.3 ACStrandAreaListType

A list of subject areas.

Figure A.3-1: ACStrandAreaListType

Element/@Attribute	Char	Description	Type
ACStrandAreaListType		A list of subject areas.	List
ACStrandSubjectArea	MR		ACStrandSubjectAreaType

Table A.3-1: ACStrandAreaListType

A.4 ACStrandSubjectAreaType

Subject matter of a student's study as codified under the Australian Curriculum.
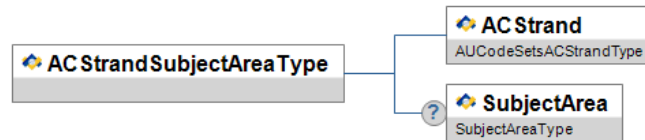
Figure A.4-1: ACStrandSubjectAreaType

Element/@Attribute	Char	Description	Type
ACStrandSubjectAreaType		Subject matter of a student's study as codified under the Australian Curriculum.	
ACStrand	M	Subject matter.	AUCodeSetsACStrandType
SubjectArea	O	Subject matter.	SubjectAreaType

Table A.4-1: ACStrandSubjectAreaType

JSON 📋　**XML** 📋

```
<ACStrandSubjectArea>
  <ACStrand>M</ACStrand>
  <SubjectArea>
    <Code>Maths</Code>
    <OtherCodeList>
      <OtherCode Codeset="Text">Mathematics</OtherCode>
    </OtherCodeList>
  </SubjectArea>
</ACStrandSubjectArea>
```

Example A.4-1: ACStrandSubjectAreaType

A.5 ActivityTimeType

Time structures for the activity.
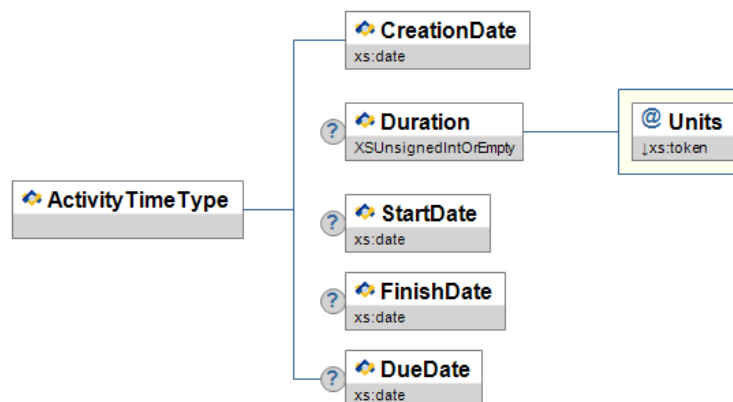
Figure A.5-1: ActivityTimeType

Element/@Attribute	Char	Description	Type
ActivityTimeType	M	Time structures for the activity.	
CreationDate	M	Creation date of the activity.	`xs:date`
Duration	O	Time required to complete the activity.	`xs:unsignedInt`

@ Units	M	Unit of time of the Duration value.	**values:**
			
			`week`
			`day`
			`hour`
			`minute`
			`second`

StartDate	O	Date activity is started.	`xs:date`
FinishDate	O	Date activity is finished.	`xs:date`
DueDate	O	Date activity is due.	`xs:date`

Table A.5-1: ActivityTimeType

A.6 AddressCollectionReportingListType

A list of AddressCollection Reports.
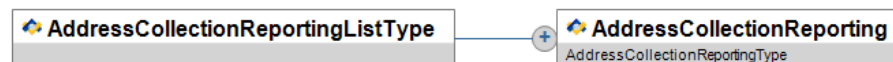
Figure A.6-1: AddressCollectionReportingListType

Element/@Attribute	Char	Description	Type
AddressCollectionReportingListType		A list of AddressCollection Reports.	`List`
AddressCollectionReporting	MR	The AddressCollection being reported on.	`AddressCollectionReportingType`

Table A.6-1: AddressCollectionReportingListType

A.7 AddressCollectionReportingType

The AddressCollection being reported on.
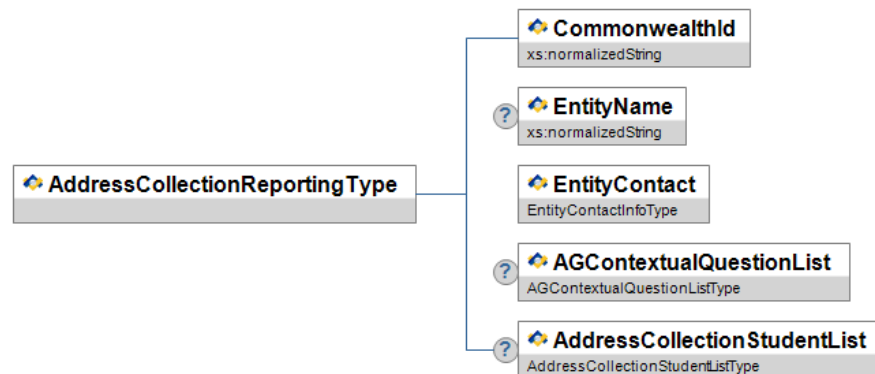
Figure A.7-1: AddressCollectionReportingType

Element/@Attribute	Char	Description	Type
AddressCollectionReportingType	MR	The AddressCollection being reported on.	
CommonwealthId	M	Commonwealth identifier for this school/campus or entity being reported on.	xs:normalizedString
EntityName	O	Name of the Entity who this submission is for, if a School, it will be the SchoolName.	xs:normalizedString
EntityContact	M	Information on the Contact for the submission.	EntityContactInfoType
AGContextualQuestionList	O	A list of questions to set the context for the AG Collection.	AGContextualQuestionListType
AddressCollectionStudentList	O	A list of Students being reported on for this Address Collection.	AddressCollectionStudentListType

Table A.7-1: AddressCollectionReportingType

A.8 AddressCollectionStudentListType

A list of Students Addresses.
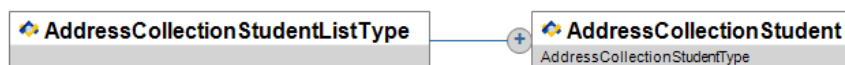
Figure A.8-1: AddressCollectionStudentListType

Element/@Attribute	Char	Description	Type
AddressCollectionStudentListType		A list of Students Addresses.	List
AddressCollectionStudent	MR	A Student and their Address.	AddressCollectionStudentType

Table A.8-1: AddressCollectionStudentListType

A.9 AddressCollectionStudentType

The student and addresses being reported on.
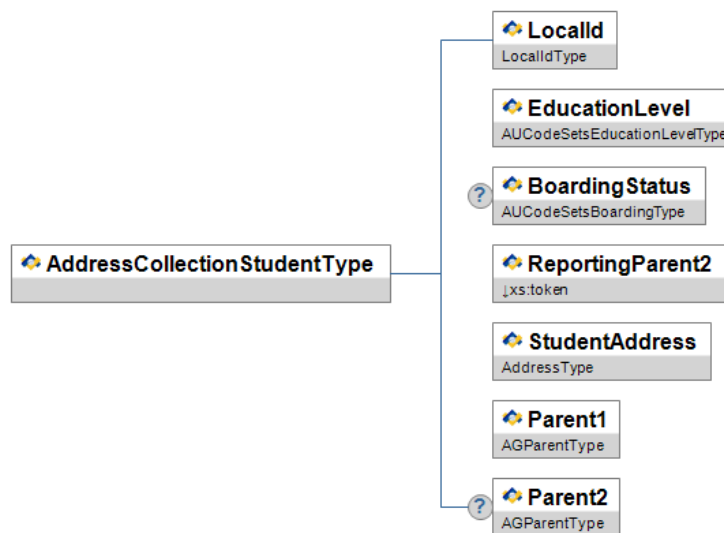
Figure A.9-1: AddressCollectionStudentType

Element/@Attribute	Char	Description	Type
AddressCollectionStudentType	MR	The student and addresses being reported on.	
LocalId	M	The locally-assigned identifier for this student.	LocalIdType
EducationLevel	M	Primary or Secondary for AG Collection reporting.	AUCodeSetsEducationLevelType
BoardingStatus	O	Is this student a Boarding or Day Student for AG Collection reporting?	AUCodeSetsBoardingType
ReportingParent2	M	Is this student reporting a 2nd Parent for the Address Collection?	**values:** N No parent2 record exists. Y Yes, reporting a parent2. U Unusual circumstances parent2.
StudentAddress	M	Residential Address of the student for the AG Address Collection.	AddressType
Parent1	M	Name and address of Parent1 for the AG Address Collection.	AGParentType
Parent2	O	Name and address of Parent2 for the AG Address Collection.	AGParentType

Table A.9-1: AddressCollectionStudentType

A.10 AddressListType

A list of Address elements.

Figure A.10-1: AddressListType

Element/@Attribute	Char	Description	Type
AddressListType		A list of Address elements.	List
Address	MR		AddressType

Table A.10-1: AddressListType

```
<AddressList        XML 📋
  <Address T        e="012B">
    <Street>
      <Line1>1 IBM Plaza</Line1>
      <Line2>Suite 2000</Line2>
      <StreetNumber>1</StreetNumber>
      <StreetName>IBM</StreetName>
      <StreetType>Plaza</StreetType>
      <ApartmentType>Suite</ApartmentType>
      <ApartmentNumber>2000</ApartmentNumber>
    </Street>
    <City>Chicago</City>
    <StateProvince>IL</StateProvince>
    <Country>1101</Country>
    <PostalCode>60611</PostalCode>
    <GridLocation>
      <Latitude>41.850000</Latitude>
      <Longitude>-87.650000</Longitude>
    </GridLocation>
  </Address>
</AddressList>
```

Example A.10-1: AddressList Example

A.11 AddressStreetType

The street element is a complex element and breaks the street down into several parts. (Allow for PO Box here)
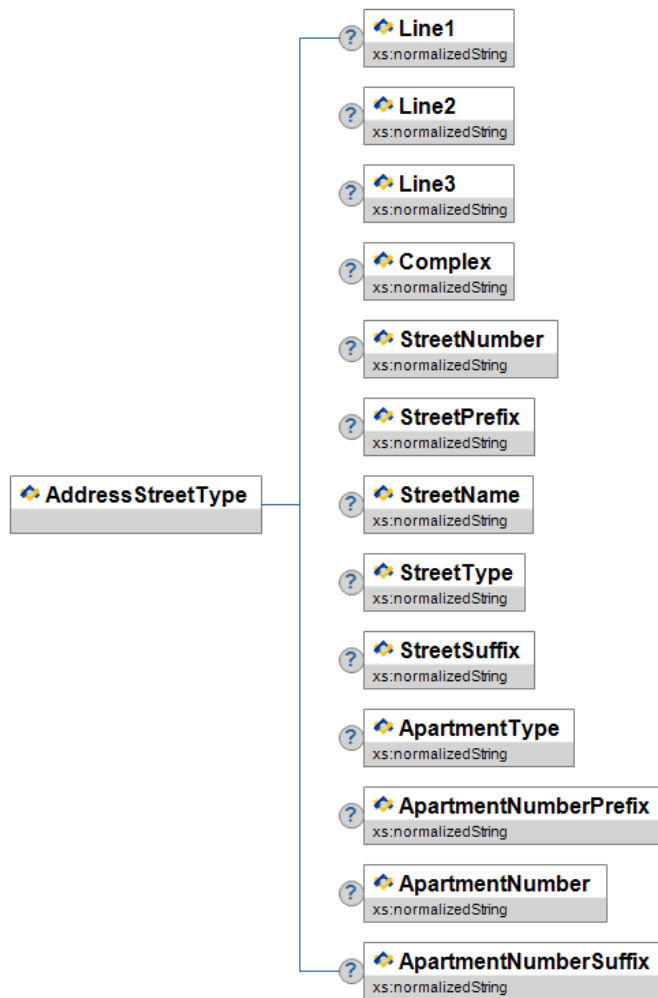
Figure A.11-1: AddressStreetType

Element/@Attribute	Char	Description	Type
AddressStreetType	M	The street element is a complex element and breaks the street down into several parts. (Allow for PO Box here)	
Line1	O	Address line 1.	xs:normalizedString
Line2	O	Address line 2.	xs:normalizedString
Line3	O	Address line 3.	xs:normalizedString
Complex	O	Name of the complex.	xs:normalizedString
StreetNumber	O	The address number assigned to the building.	xs:normalizedString
StreetPrefix	O	Street prefix like NE	xs:normalizedString
StreetName	O	The name of the street.	xs:normalizedString
StreetType	O	The type of street. For example, Lane, Blvd., Ave., etc.	xs:normalizedString
StreetSuffix	O	Street suffix like SW.	xs:normalizedString
ApartmentType	O	Type of apartment, for example, Suite.	xs:normalizedString
ApartmentNumberPrefix	O	Apartment number prefix.	xs:normalizedString
ApartmentNumber	O	The number of the apartment.	xs:normalizedString
ApartmentNumberSuffix	O	Apartment number suffix.	xs:normalizedString

Table A.11-1: AddressStreetType

A.12 AddressType

This element contains address data

Figure A.12-1: AddressType

Element/@Attribute	Char	Description	Type
AddressType	M	This element contains address data.	
@ Type	M	Code that defines the location of the address. Note: A subset of specific valid values for each instance in a data object may be listed in that object.	AUCodeSetsAddressTypeType
@ Role	M	A facet of Address	AUCodeSetsAddressRoleType
EffectiveFromDate	O	Date the address became active.	xs:date
EffectiveToDate	O	Date the address ceases to be active.	xs:date
Street	M	The street element is a complex element and breaks the street down into several parts. (Allow for PO Box here)	AddressStreetType
City	M	The city part of the address.	xs:normalizedString
StateProvince	C	The state or province code. StateTerritory Code only applicable if an Australian Address. Conditional- If Australian Address this is mandatory.	StateProvinceType
Country	O	The country code.	CountryType
PostalCode	M	The ZIP/postal code.	xs:normalizedString
GridLocation	O	The location of the address.	GridLocationType
MapReference	O	A Map Reference in x-y co-ordinates.	MapReferenceType
RadioContact	O	UHF Radio frequency or channel used for contact eg: 477MHz or CH60	xs:string
Community	O	This element is used to describe a Community that is associated with the instance of the address.	xs:normalizedString
LocalId	O	This is the LocalId of the specific address if it can be provided.	LocalIdType
AddressGlobalUID	O	This is the GUID generated by the Provider system. Where it is available to be provided, the globally unique identifier links together separate instances of the Address Common Element which reference the same physical address. When it can be provided, it can be used by subscribing systems to connect addresses from different personal objects.	GUIDType
StatisticalAreas	O	A list of Statistical Areas associated with an address that will be referenced back to ABS 1270. Only applicable to a physical address, e.g. not relevant for a Post Office Box.	StatisticalAreasType

Table A.12-1: AddressType

JSON 📄   **XML** 📄

```
<Address Type="0123" Role="012B">
  <Street>
    <Line1>1 IBM Plaza</Line1>
    <Line2>Suite 2000</Line2>
    <StreetNumber>1</StreetNumber>
    <StreetName>IBM</StreetName>
    <StreetType>Plaza</StreetType>
    <ApartmentType>Suite</ApartmentType>
    <ApartmentNumber>2000</ApartmentNumber>
  </Street>
  <City>Chicago</City>
  <StateProvince>WA</StateProvince>
  <Country>1101</Country>
  <PostalCode>60611</PostalCode>
  <GridLocation>
    <Latitude>41.850000</Latitude>
    <Longitude>-87.650000</Longitude>
  </GridLocation>
  <Community>Bidyadanga Community</Community>
  <LocalId>A1530</LocalId>
  <AddressGlobalUID>4286194F-43ED-43C1-8EE2-F0A27C4BEF87</AddressGlobalUID>
  <StatisticalAreas>
    <StatisticalArea SpatialUnitType="SA2">502011021</StatisticalArea>
  </StatisticalAreas>
</Address>
```
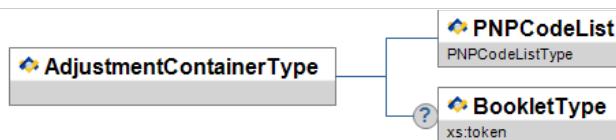

Figure A.13-1: AdjustmentContainerType

Element/@Attribute	Char	Description	Type
AdjustmentContainerType	M		
PNPCodeList	M	Personal Needs and Preferences Code(s) applied.	PNPCodeListType
BookletType	O	Booklet Type to be used for the NAP test as an adjustment. Values: Braille.	xs:token Braille

Table A.13-1: AdjustmentContainerType

A.14 AGContextualQuestionListType

A list of Contextual Questions for an AG Collection
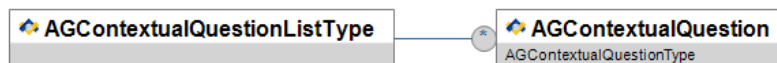
Figure A.14-1: AGContextualQuestionListType

Element/@Attribute	Char	Description	Type
AGContextualQuestionListType		A list of Contextual Questions for an AG Collection	List
AGContextualQuestion	OR	A Contextual Question required for an AG Collection.	AGContextualQuestionType

Table A.14-1: AGContextualQuestionListType

A.15 AGContextualQuestionType

The AG contextual question.
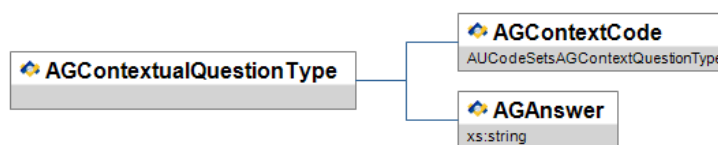
Figure A.15-1: AGContextualQuestionType

Element/@Attribute	Char	Description	Type
AGContextualQuestionType		The AG contextual question.	
AGContextCode	M	AG Context Question.	AUCodeSetsAGContextQuestionType
AGAnswer	M	Associated Answer.	xs:string

Table A.15-1: AGContextualQuestionType

A.16 AgencyType

The classification of the education agency within the geographic boundaries of a state according to the level of administrative and operational control.
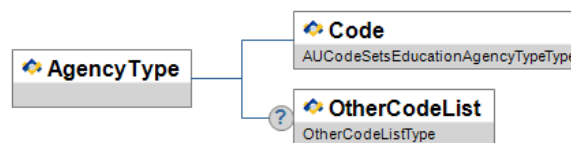
Figure A.16-1: AgencyType

Element/@Attribute	Char	Description	Type
AgencyType	O	The classification of the education agency within the geographic boundaries of a state according to the level of administrative and operational control.	
Code	M	Code indicating the operational/administrative level.	AUCodeSetsEducationAgencyTypeType
OtherCodeList	O		OtherCodeListType

Table A.16-1: AgencyType

A.17 AGParentType

Parent Name and Address for AG Collections.
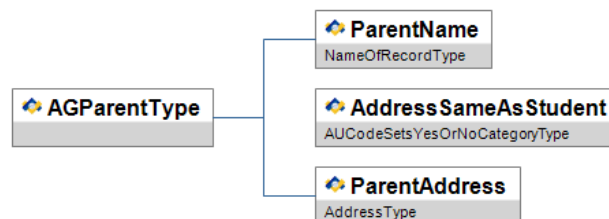
Figure A.17-1: AGParentType

Element/@Attribute	Char	Description	Type
AGParentType		Parent Name and Address for AG Collections.	
ParentName	M	Name of Parent for the AG Address Collection. Note: Type attribute value of LGL must be used here	NameOfRecordType
AddressSameAsStudent	M	Is this address the same as the Student's?	AUCodeSetsYesOrNoCategoryType
ParentAddress	M	Residential Address of Parent for the AG Address Collection.	AddressType

Table A.17-1: AGParentType

A.18 AGReportingObjectResponseListType

A list of the Reporting Objects being responsed to.
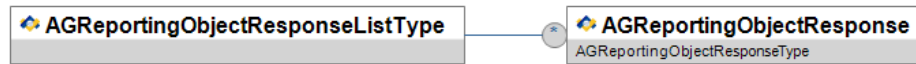
Figure A.18-1: AGReportingObjectResponseListType

Element/@Attribute	Char	Description	Type
AGReportingObjectResponseListType		A list of the Reporting Objects being responsed to.	List
AGReportingObjectResponse	OR	The AG Reporting Object's response.	AGReportingObjectResponseType

Table A.18-1: AGReportingObjectResponseListType

A.19 AGReportingObjectResponseType

The AG Reporting Object's response.
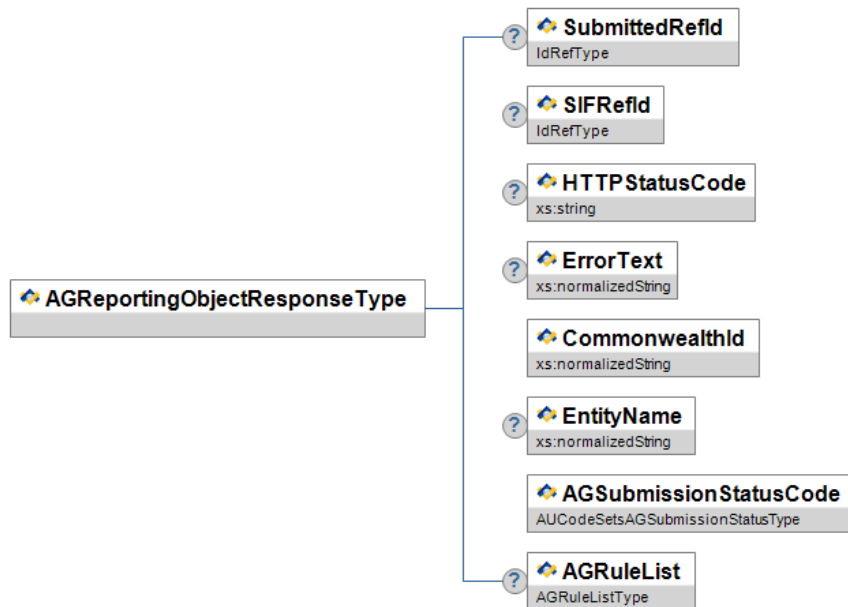
Figure A.19-1: AGReportingObjectResponseType

Element/@Attribute	Char	Description	Type
AGReportingObjectResponseType		The AG Reporting Object's response.	
SubmittedRefId	O	Original Reporting RefId of the submission.	IdRefType
SIFRefId	O	AG assigned for a submission (they can be the same as the original submission but at the discretion of the AG). Only required to be sent if different from the initial RefId submitted.	IdRefType
HTTPStatusCode	O	HTTP Status Code of the original submission.	xs:string
ErrorText	O	Text associated with an error status.	xs:normalizedString
CommonwealthId	M	Commonwealth identifier for this school/campus or entity being reported on.	xs:normalizedString
EntityName	O	Name of the Entity who this submission is for, if a School, it will be the SchoolName.	xs:normalizedString
AGSubmissionStatusCode	M	AG Status Code of the entity's submission.	AUCodeSetsAGSubmissionStatusType
AGRuleList	O	A list of Rules associated with this submission.	AGRuleListType

Table A.19-1: AGReportingObjectResponseType

A.20 AGRoundListType

A list of Rounds available for an AG Collection

Figure A.20-1: AGRoundListType

Element/@Attribute	Char	Description	Type
AGRoundListType		A list of Rounds available for an AG Collection	List
AGRound	OR	Details of a particular round available for AG Collection.	AGRoundType

Table A.20-1: AGRoundListType

A.21 AGRoundType

Details of a particular round available for AG Collection.
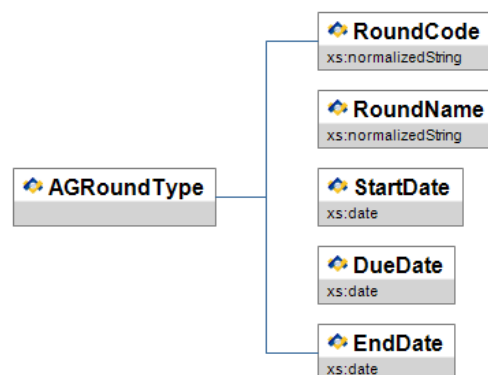
Figure A.21-1: AGRoundType

Element/@Attribute	Char	Description	Type
AGRoundType		Details of a particular round available for AG Collection.	
RoundCode	M	Code of the particular AGCollection round.	xs:normalizedString
RoundName	M	Name of the particular AGCollection round.	xs:normalizedString
StartDate	M	Start date of the particular AGCollection round.	xs:date
DueDate	M	Due date of the particular AGCollection round.	xs:date
EndDate	M	End date of the particular AGCollection round.	xs:date

Table A.21-1: AGRoundType

A.22 AGRuleListType

A list of Rules associated with the Item.

Figure A.22-1: AGRuleListType

Element/@Attribute	Char	Description	Type
AGRuleListType		A list of Rules associated with the Item.	List
AGRule	OR	Rule associated with the Collection Item.	AGRuleType

Table A.22-1: AGRuleListType

A.23 AGRuleType

Rule.
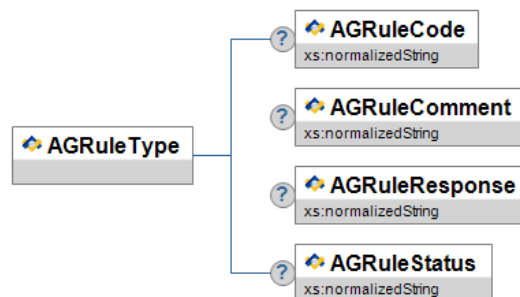
Figure A.23-1: AGRuleType

Element/@Attribute	Char	Description	Type
AGRuleType		Rule.	
AGRuleCode	O	Collection Data Rule Code.	`xs:normalizedString`
AGRuleComment	O	Comment associated with a Rule.	`xs:normalizedString`
AGRuleResponse	O	Response associated with a Rule comment on response to a submission.	`xs:normalizedString`
AGRuleStatus	O	Status associated with a particular Rule, if there is one.	`xs:normalizedString`

Table A.23-1: AGRuleType

A.24 AlertMessagesType
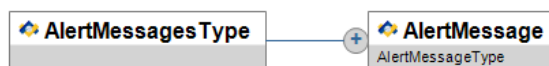
Figure A.24-1: AlertMessagesType

Element/@Attribute	Char	Description	Type
AlertMessagesType			`List`
AlertMessage	MR	This is an alert message that is associated with the student.	`AlertMessageType`

Table A.24-1: AlertMessagesType

A.25 AlertMessageType

This is an alert message that is associated with the student.

Figure A.25-1: AlertMessageType

	Element/@Attribute	Char	Description	Type
	AlertMessageType	MR	This is an alert message that is associated with the student.	`xs:string`

@	Type	M	This attribute specifies what type of alert message this is.	**values:**
				`Legal`
				    Custody, guardian, court orders (e.g. must attend school), lawsuits, etc.
				`Discipline`
				    Student is suspended, expelled, on probation, etc.
				`Educational`
				    academic probation, etc.
				`Other`

Table A.25-1: AlertMessageType

A.26 AlternateIdentificationCodeListType

A list of elements for an organization to utilize for an internal code. This may be used for an alignment schema or other purposes that are only internal for the organization.
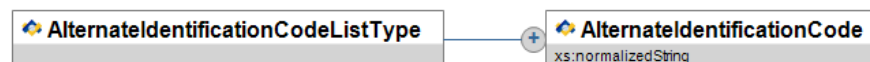
Figure A.26-1: AlternateIdentificationCodeListType

Element/@Attribute	Char	Description	Type
AlternateIdentificationCodeListType		A list of elements for an organization to utilize for an internal code. This may be used for an alignment schema or other purposes that are only internal for the organization.	List
AlternateIdentificationCode	MR	An alphanumeric Id code as defined by the organization to identify a statement.	xs:normalizedString

Table A.26-1: AlternateIdentificationCodeListType

A.27 ApprovalsType

Authorizations to use this resource. For example, this resource may be included as part of the district's standard curriculum model.
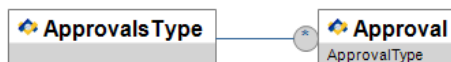
Figure A.27-1: ApprovalsType

Element/@Attribute	Char	Description	Type
ApprovalsType		Authorizations to use this resource. For example, this resource may be included as part of the district's standard curriculum model.	List
Approval	OR	A sub-element containing an authorization to use this resource. For example, this resource may be included as part of the district's standard curriculum model.	ApprovalType

Table A.27-1: ApprovalsType

A.28 ApprovalType

A sub-element containing an authorization to use this resource. For example, this resource may be included as part of the district's standard curriculum model.
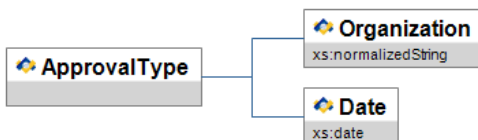
Figure A.28-1: ApprovalType

Element/@Attribute	Char	Description	Type
ApprovalType	OR	A sub-element containing an authorization to use this resource. For example, this resource may be included as part of the district's standard curriculum model.	
Organization	M	Name of agency that approved use of resource.	xs:normalizedString
Date	M	Date resource was approved.	xs:date

Table A.28-1: ApprovalType

A.29 AssignmentListType

Figure A.29-1: AssignmentListType

Element/@Attribute	Char	Description	Type
AssignmentListType			List
GradingAssignmentRefId	MR	GUID that identifies the GradingAssignment.	IdRefType

Table A.29-1: AssignmentListType

A.30 AssignmentScoreType
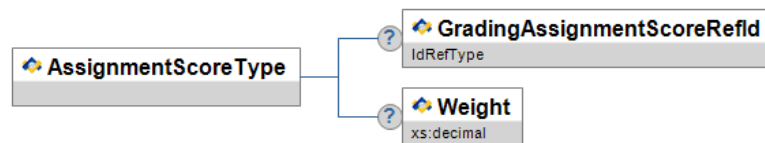
Figure A.30-1: AssignmentScoreType

Element/@Attribute	Char	Description	Type
AssignmentScoreType	OR		
GradingAssignmentScoreRefId	O	GUID of a Grading assignment score included in this grade.	IdRefType
Weight	O	Weight of the assignment to the overall assessment grade.	xs:decimal

Table A.30-1: AssignmentScoreType

A.31 AssociatedObjectsType

References from component to associated elements within another SIF object.
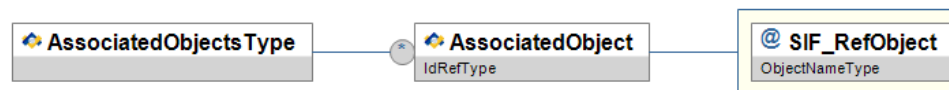
Figure A.31-1: AssociatedObjectsType

Element/@Attribute	Char	Description	Type
AssociatedObjectsType		References from component to associated elements within another SIF object.	List
AssociatedObject	OR	Reference from component to associated elements within another SIF object.	IdRefType
@ SIF_RefObject	M	Attribute that identifies the type of SIF object being referenced.	ObjectNameType

Table A.31-1: AssociatedObjectsType

A.32 AttendanceCodeType
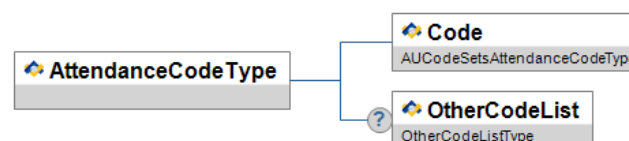
Figure A.32-1: AttendanceCodeType

Element/@Attribute	Char	Description	Type
AttendanceCodeType		Code that describes the absence/attendance.	
Code	M	Code representing the absence/attendance.	AUCodeSetsAttendanceCodeType
OtherCodeList	O		OtherCodeListType

Table A.32-1: AttendanceCodeType

JSON   **XML**

```xml
<AttendanceCode>
   <Code>200</Code>
   <OtherCodeList>
      <OtherCode Codeset="Local">S</OtherCode>
      <OtherCode Codeset="Other">C</OtherCode>
   </OtherCodeList>
</AttendanceCode>
```

Example A.32-1: Attendance Code Example

A.33 AttendanceInfoType

Information describing how the day relates to attendance.
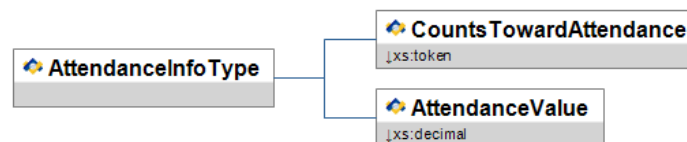
Figure A.33-1: AttendanceInfoType

Element/@Attribute	Char	Description	Type
AttendanceInfoType	O	Information describing how the day relates to attendance.	
CountsTowardAttendance	M	Designates whether this date should be counted toward student attendance.	**values:** Yes No
AttendanceValue	M	Amount of the school day in which the student should be in attendance (Format is x.x; a student who should be in attendance a full day would be represented as 1.0). If CountsTowardAttendance equals Yes then AttendanceValue must be greater than zero.	xs:decimal xs:minInclusive 0 xs:maxInclusive 1 xs:fractionDigits 1

Table A.33-1: AttendanceInfoType

A.34 AttendanceTimesType

Breakdown of times that the student entered or returned to school.
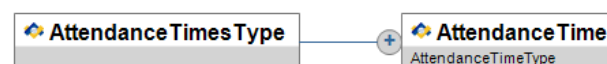
Figure A.34-1: AttendanceTimesType

Element/@Attribute	Char	Description	Type
AttendanceTimesType		Breakdown of times that the student entered or returned to school.	List
AttendanceTime	MR		AttendanceTimeType

Table A.34-1: AttendanceTimesType

A.35 AttendanceTimeType

Time span that the student entered or returned to school
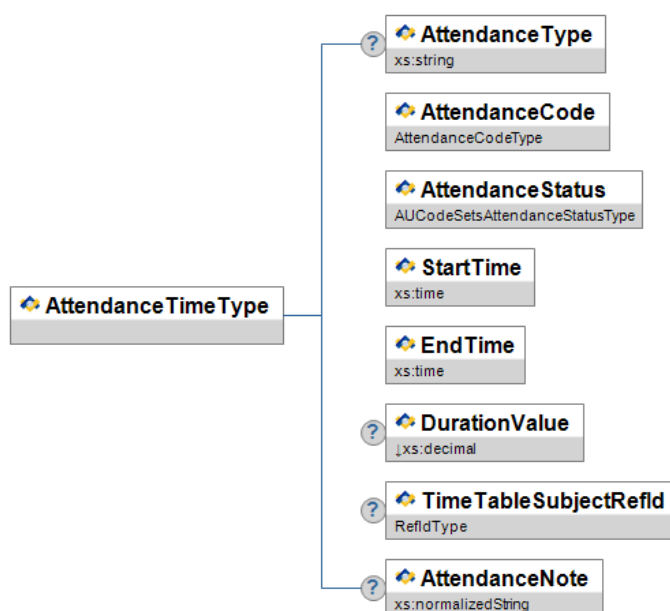
Figure A.35-1: AttendanceTimeType

Element/@Attribute	Char	Description	Type
AttendanceTimeType	MR	Time span that the student entered or returned to school	
AttendanceType	O	Nature of the attendance e.g. 'Taken at Roll Call'	xs:string
AttendanceCode	M	Locally defined code for attendance.	AttendanceCodeType
AttendanceStatus	M	Approved or Unapproved status of this attendance code.	AUCodeSetsAttendanceStatusType
StartTime	M	The start of this particular time span.	xs:time
EndTime	M	The end of this particular time span.	xs:time
DurationValue	O	The amount of absence represented by AttendanceCode, up to three decimal places. May be greater than 1.0.	xs:decimal xs:minInclusive 0
TimeTableSubjectRefId	O	RefId of TimeTableSubject	RefIdType
AttendanceNote	O	Note related to this particular time span.	xs:normalizedString

Table A.35-1: AttendanceTimeType

A.36 AuditInfoType

An audit trail to help determine who entered this event and when.
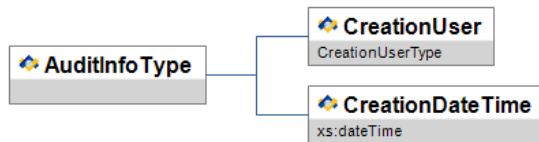
Figure A.36-1: AuditInfoType

Element/@Attribute	Char	Description	Type
AuditInfoType	O	An audit trail to help determine who entered this event and when.	
CreationUser	M	Information about which staff member created this record.	CreationUserType
CreationDateTime	M	The date and time this record was created.	xs:dateTime

Table A.36-1: AuditInfoType

A.37 AuthorsType

Figure A.37-1: AuthorsType

Element/@Attribute	Char	Description	Type
AuthorsType			List
Author	OR	Name of the organization that authored the curriculum document, i.e. "ACARA". May be the same as "Organization" above.	xs:normalizedString

Table A.37-1: AuthorsType

A.38 AwardContainerType

Container for details of an Award, where this response was in relation to a particular Award.
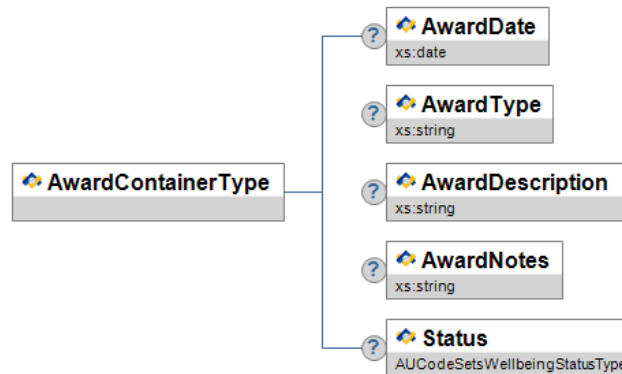
Figure A.38-1: AwardContainerType

Element/@Attribute	Char	Description	Type
AwardContainerType		Container for details of an Award, where this response was in relation to a particular Award.	
AwardDate	O	Date when to be awarded.	xs:date
AwardType	O	Type of Award.	xs:string
AwardDescription	O	Description of the Award.	xs:string
AwardNotes	O	Any comments/notes associated with the Award.	xs:string
Status	O	Current Status.	AUCodeSetsWellbeingStatusType

Table A.38-1: AwardContainerType

A.39 BaseNameType

Base type, without attributes, for Name elements, primarily to allow structure to be leveraged with different Type attribute values.
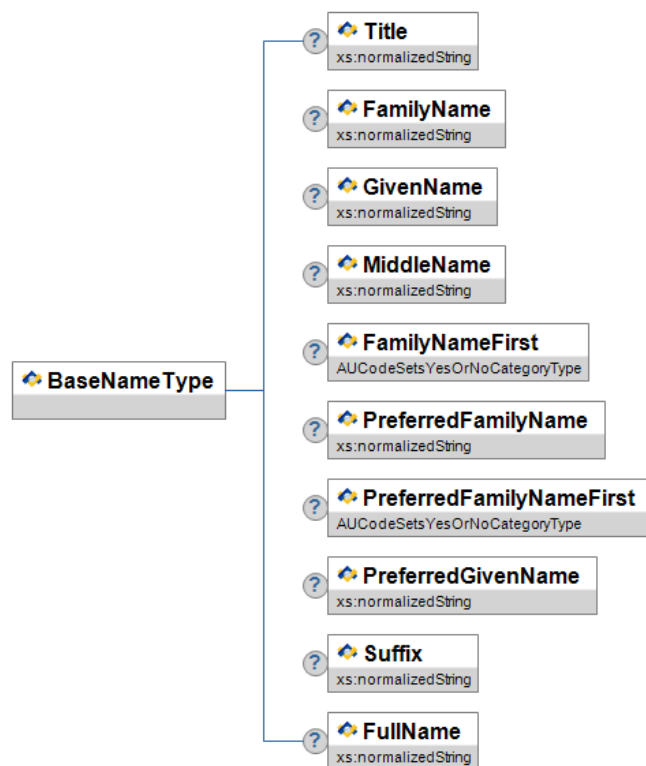
Figure A.39-1: BaseNameType

Element/@Attribute	Char	Description	Type
BaseNameType		Base type, without attributes, for `Name` elements, primarily to allow structure to be leveraged with different `Type` attribute values.	
Title	O	A title or prefix associated with the name. If any of: Mr, Mrs, Ms, Miss, Rev, Fr, Dr, Prof, Hon, Sir, Lord, Lady - these must be as shown, otherwise free text. Note that title is not applicable to learners.	`xs:normalizedString`
FamilyName	C	Family name. That part of the person's name which is used to describe family, clan, tribal group, or marital association. Note that this element is required when known. However, it may not be possible to know the family name in which case you should add the available information to the FullName element.	`xs:normalizedString`
GivenName	C	Given name of the person. Note that this element is required if known. However, it may not be possible to know the given name in which case you should add the available information to the FullName element.	`xs:normalizedString`
MiddleName	O	All other given or middle names, each separated with a single space character.	`xs:normalizedString`
FamilyNameFirst	O	An indicator used to identify the naming conventions used by some predominantly non-European, ethnic or language groups and related to the display nature of a name.	`AUCodeSetsYesOrNoCategoryType`
PreferredFamilyName	O	The family name preferred most by the person (as written).	`xs:normalizedString`
PreferredFamilyNameFirst	O	An indicator used to identify the naming conventions used by some predominantly non-European, ethnic or language groups and related to the display nature of a name.	`AUCodeSetsYesOrNoCategoryType`
PreferredGivenName	O	The given name preferred most by the person (as written).	`xs:normalizedString`
Suffix	O	Textual suffix like PHD, JP, BSc.	`xs:normalizedString`
FullName	C	A free text field for the complete name for display purposes. If this is associated with a StudentPersonal,StaffPersonal or StudentContactPersonal record and the FamilyName and GivenName are not both specified, then this becomes mandatory.	`xs:normalizedString`

Table A.39-1: BaseNameType

JSON 📋   **XML** 📋

```
<BaseName>
    <FamilyName>Wesson</FamilyName>
    <GivenName>Melanie</GivenName>
    <MiddleName>Joan</MiddleName>
    <FamilyNameFirst>N</FamilyNameFirst>
    <PreferredFamilyName>Wesson</PreferredFamilyName>
    <PreferredFamilyNameFirst>N</PreferredFamilyNameFirst>
    <PreferredGivenName>Mel</PreferredGivenName>
</BaseName>
```

Example A.39-1: Legal Name

A.40 BinaryDataType

Contains the base64Binary encoding of binary or text data not encoded in UTF-8.
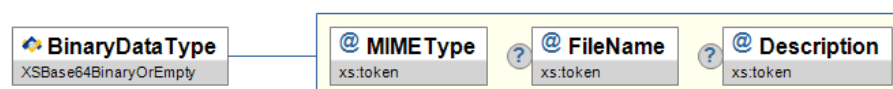
Figure A.40-1: BinaryDataType

Element/@Attribute	Char	Description	Type
BinaryDataType		Contains the base64Binary encoding of binary or text data not encoded in UTF-8.	`xs:base64Binary`
@ MIMEType	M	MIME type to indicate the content type.	`xs:token`
@ FileName	O	Optional file name to indicate the file from which the content originated, or to suggest a name to use when saving the content.	`xs:token`
@ Description	O	Contains an optional description of the content or a processing hint with regard to its structure (e.g. named standard, file layout or XSD). Contents may be mandated in instances of this type, or types that follow the `AbstractContentPackageType` pattern.	`xs:token`

Table A.40-1: BinaryDataType

A.41 BirthDateType

A person's date of birth.
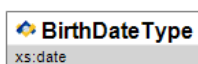
Figure A.41-1: BirthDateType

Element/@Attribute	Char	Description	Type
BirthDateType		A person's date of birth.	`xs:date`

Table A.41-1: BirthDateType

JSON 📋   XML 📋

```
<BirthDate>1970-08-11</BirthDate>
```

Example A.41-1: BirthDateType

A.42 CalendarDateInfoType

Calendar date type information.
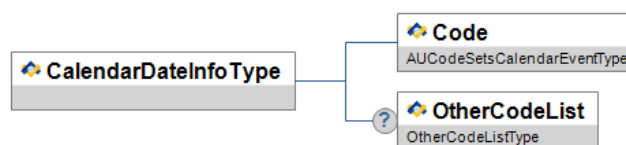
Figure A.42-1: CalendarDateInfoType

Element/@Attribute	Char	Description	Type
CalendarDateInfoType	M	Calendar date type information.	
Code	M	Code indicating the type of school day.	`AUCodeSetsCalendarEventType`
OtherCodeList	O		`OtherCodeListType`

Table A.42-1: CalendarDateInfoType

A.43 CalendarSummaryListType

Figure A.43-1: CalendarSummaryListType

Element/@Attribute	Char	Description	Type
CalendarSummaryListType			List
CalendarSummaryRefId	OR	The ID (GUID) of a calendar summary to which this Staff Member is associated with.	IdRefType

Table A.43-1: CalendarSummaryListType

A.44 CampusContainerType

Optional campus details.
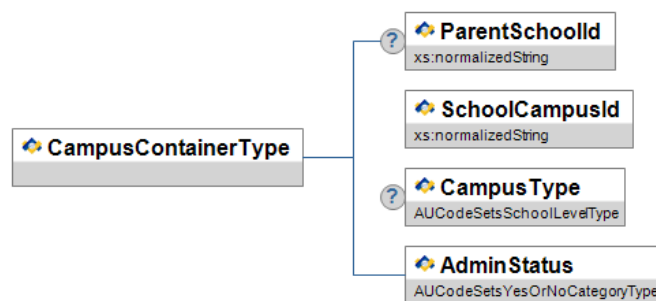
Figure A.44-1: CampusContainerType

Element/@Attribute	Char	Description	Type
CampusContainerType	O	Optional campus details.	
ParentSchoolId	C	Parent School Id needs to be supplied if this Campus is not the Admin Campus. This number should be the state-assigned identifier for this school or the locally-assigned identifier for this school.	xs:normalizedString
SchoolCampusId	M	Specific Campus Id - This may be the same as the School Local Id.	xs:normalizedString
CampusType	O	Type of campus.	AUCodeSetsSchoolLevelType
AdminStatus	M	Is this campus the Admin Campus?	AUCodeSetsYesOrNoCategoryType

Table A.44-1: CampusContainerType

A.45 CatchmentStatusContainerType

Container element for location of an individual's legal residence relative to (within or outside) the boundaries of the school for this enrolment. Enrolment Catchment Status.
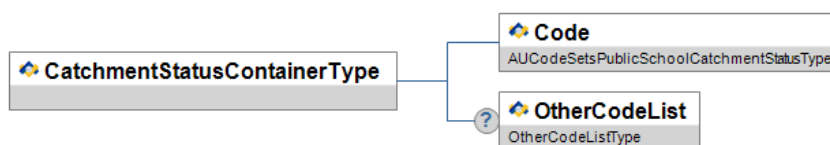
Figure A.45-1: CatchmentStatusContainerType

Element/@Attribute	Char	Description	Type
CatchmentStatusContainerType	O	Container element for location of an individual's legal residence relative to (within or outside) the boundaries of the school for this enrolment. Enrolment Catchment Status.	
Code	M	Code indicating the residency status for this enrollment. Code indicating Enrollment Catchment Status.	AUCodeSetsPublicSchoolCatchmentStatusType
OtherCodeList	O	List of other codes or strings that crosswalk to or serve as translations of the Code element paired with this common element. If Code changes and OtherCodes are supported, both Code and all associated OtherCode elements must be present.	OtherCodeListType

Table A.45-1: CatchmentStatusContainerType

A.46 CensusReportingListType

A list of Census Reports.

Figure A.46-1: CensusReportingListType

Element/@Attribute	Char	Description	Type
CensusReportingListType		A list of Census Reports.	List
CensusReporting	MR	The Census being reported on.	CensusReportingType

Table A.46-1: CensusReportingListType

A.47 CensusReportingType

The Census being reported on.
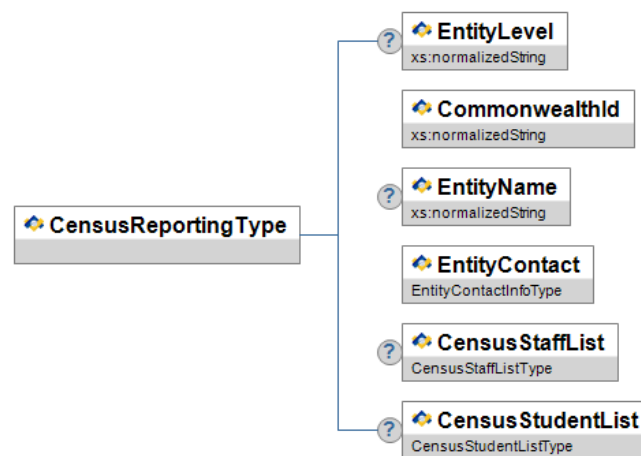
Figure A.47-1: CensusReportingType

Element/@Attribute	Char	Description	Type
CensusReportingType	M	The Census being reported on.	
EntityLevel	O	Level of the Submission, current valid values "System", "Office", "Location", "Special School Location".	`xs:normalizedString`
CommonwealthId	M	Commonwealth identifier for this school/campus or entity being reported on.	`xs:normalizedString`
EntityName	O	Name of the Entity who this submission is for, if a School, it will be the SchoolName.	`xs:normalizedString`
EntityContact	M	Information on the Contact for the submission.	`EntityContactInfoType`
CensusStaffList	O	A list of Staff being reported on for this Census Collection.	`CensusStaffListType`
CensusStudentList	O	A list of Students being reported on for this Census Collection.	`CensusStudentListType`

Table A.47-1: CensusReportingType

A.48 CensusStaffListType

A list of staff associated with the Census.

Figure A.48-1: CensusStaffListType

Element/@Attribute	Char	Description	Type
CensusStaffListType		A list of staff associated with the Census.	`List`
CensusStaff	MR	The staff member being reported on.	`CensusStaffType`

Table A.48-1: CensusStaffListType

A.49 CensusStaffType

The cohort of staff being reported on.
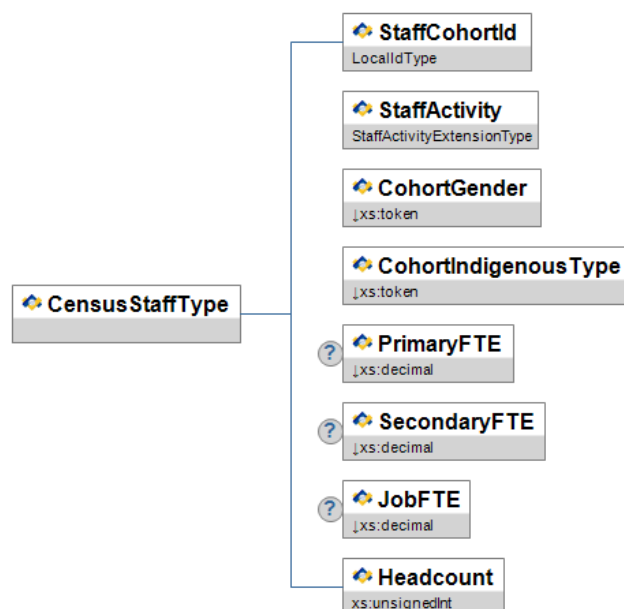
Figure A.49-1: CensusStaffType

Element/@Attribute	Char	Description	Type
CensusStaffType	MR	The cohort of staff being reported on.	
StaffCohortId	M	The locally assigned identifier for this staff cohort.	`LocalIdType`
StaffActivity	M	The major function which the staff members are spending their time performing e.g. teaching. Limited to the values of 1100 - Teacher in school n.f.d., 1103 - Principal, 1200 -Specialist support in school n.f.d., 1300 - Administration and clerical in school n.f.d., 1400 - Building Operations in school n.f.d. for Census Reporting.	`StaffActivityExtensionType`
CohortGender	M	Gender of staff for this cohort. Collection cohorts are male, female or other.	**values:** `M` Male cohort `F` Female cohort `X` Other cohort
CohortIndigenousType	M	Indigenous Indicator of the staff for this cohort.	**values:** `I` Person identifies as Indigenous `N` Person identifies as Non-Indigenous `NS` Not Stated
PrimaryFTE	O	For each member of the cohort, on a full-time-equivalent basis, the proportion of the staff member's job that goes toward supporting the primary school component of the location. For staff at combined (primary and secondary) locations, this field plus the secondary FTE field equals the total FTE for the staff member's job. (Format is x.x, with a full time workload being equal to 1 FTE. Primary FTE plus Secondary FTE should not exceed 1.	`xs:decimal` `xs:minInclusive` 0 `xs:maxInclusive` 1 `xs:fractionDigits` 1
SecondaryFTE	O	For each member of the cohort, on a full-time-equivalent basis, the proportion of the staff member's job that goes toward supporting the primary school component of the location. For staff at combined (primary and secondary) locations, this field plus the secondary FTE field equals the total FTE for the staff member's job. (Format is x.x, with a full time workload being equal to 1 FTE. Primary FTE plus Secondary FTE should not exceed 1.	`xs:decimal` `xs:minInclusive` 0 `xs:maxInclusive` 1 `xs:fractionDigits` 1
JobFTE	O	The full-time-equivalent measure of the job for each member of the cohort. (Format is x.x, with a full time workload being equal to 1 FTE.) Note: This field is used instead of Primary FTE and Secondary FTE, where the client is a system or diocese office and is not a school location where primary or secondary education is delivered.	`xs:decimal` `xs:minInclusive` 0 `xs:fractionDigits` 1
Headcount	M	Count of staff for this cohort.	`xs:unsignedInt`

Table A.49-1: CensusStaffType

A.50 CensusStudentListType

A list of students associated with the Census.

Figure A.50-1: CensusStudentListType

Element/@Attribute	Char	Description	Type
CensusStudentListType		A list of students associated with the Census.	`List`
CensusStudent	MR	The student cohort being reported on.	`CensusStudentType`

Table A.50-1: CensusStudentListType

A.51 CensusStudentType

The student cohort being reported on.
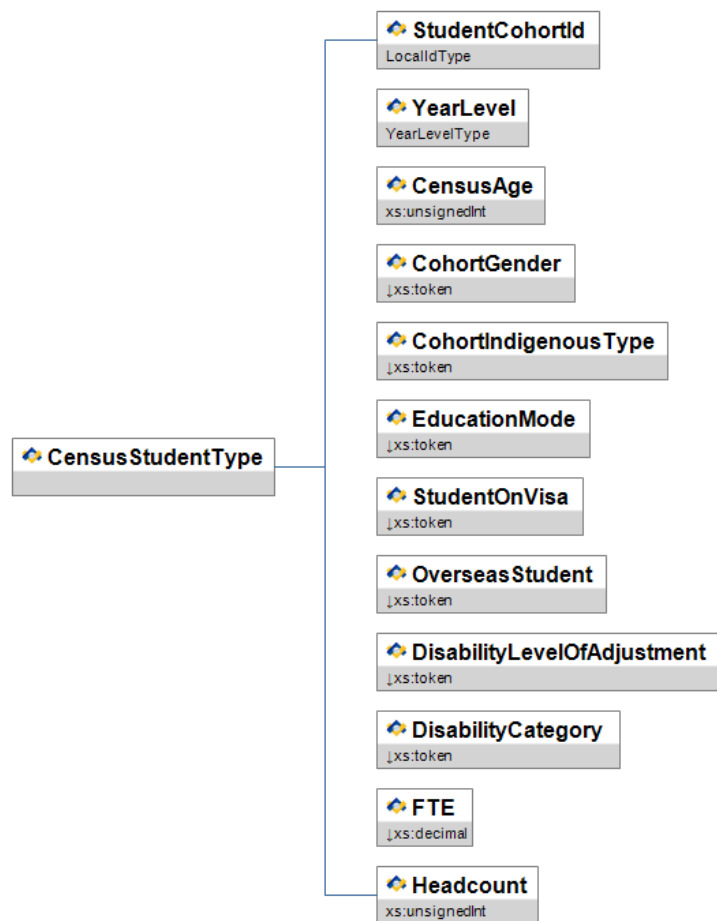
Figure A.51-1: CensusStudentType

Element/@Attribute	Char	Description	Type
CensusStudentType	MR	The student cohort being reported on.	
StudentCohortId	M	The locally assigned identifier for this student cohort.	`LocalIdType`
YearLevel	M	Year Level of this cohort.	`YearLevelType`
CensusAge	M	Age of the Student calculated for Non-gov Census reporting. Age must be provided as on 1 July for the reporting year.	`xs:unsignedInt`
CohortGender	M	Gender of students for this cohort. Collection cohorts are male, female or other.	**values:** `M` Male cohort `F` Female cohort `X` Other cohort
CohortIndigenousType	M	Indigenous indicator of the students for this cohort.	**values:** `I` Person identifies as Indigenous `N` Person identifies as Non-Indigenous `NS` Not Stated
EducationMode	M	The type of education being delivered to the students for this cohort. Is this student a Boarding, Day or a Distance Education Student for Non-gov Census reporting?	**values:** `D` Day `B` Boarding `DE` Distance Education
StudentOnVisa	M	Students who are not Australian citizens are students on a visa.	**values:** `Y` Yes `N` No
OverseasStudent	M	Overseas students are students who are on a visa specifically related to studying in Australia. You must always report overseas students as students on visas.	**values:** `Y` Yes `N` No

DisabilityLevelOfAdjustment	M	Disability Level of Adjustment Level of adjustment for students with disability using the Nationally Consistent Collection of Data on Students with Disability (NCCD) model.None if there is no adjustment.	**values:**
			`QDTP` support provided within Quality Differentiated Teaching Practice
			`Supplementary`
			`Substantial`
			`Extensive`
			`None`

DisabilityCategory	M	Category for students with disability using the Nationally Consistent Collection of Data on Students with Disability (NCCD) model. None if no disability.	**values:**
			`Physical`
			`Cognitive`
			`Social-Emotional`
			`Sensory`
			`None`

FTE	M	Full-time equivalent for the student cohort e.g. a cohort of students who attend 50% of time would be represented as 0.5.	`xs:decimal` `xs:minInclusive` 0 `xs:maxInclusive` 1 `xs:fractionDigits` 2
Headcount	M	Count of students for this cohort.	`xs:unsignedInt`

Table A.51-1: CensusStudentType

A.52 CharacteristicsType

Reference to one or more `AggregateCharacteristicInfo` objects.

Figure A.52-1: CharacteristicsType

Element/@Attribute	Char	Description	Type
CharacteristicsType		Reference to one or more `AggregateCharacteristicInfo` objects.	List
AggregateCharacteristicInfoRefId	MR	Reference to an `AggregateCharacteristicInfo` object.	IdRefType

Table A.52-1: CharacteristicsType

A.53 CheckoutInfoType

If the item is currently checked out to this person, this element contains the date and time that the item is due to be returned.
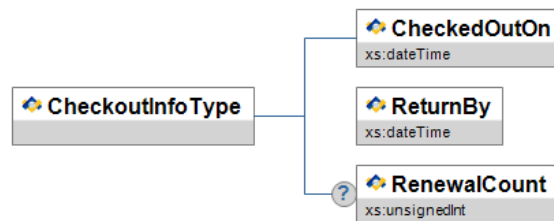
Figure A.53-1: CheckoutInfoType

Element/@Attribute	Char	Description	Type
CheckoutInfoType		If the item is currently checked out to this person, this element contains the date and time that the item is due to be returned.	
CheckedOutOn	M	The date and time that this item is was checked out.	xs:dateTime
ReturnBy	M	The date and time that this item is due to be returned.	xs:dateTime
RenewalCount	O	The number of times this item has been renewed by this patron. On initial checkout, this value will be 0.	xs:unsignedInt

Table A.53-1: CheckoutInfoType

A.54 CodeFrameTestItemListType
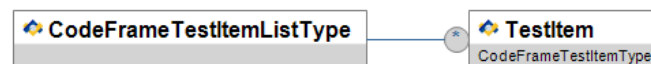
Figure A.54-1: CodeFrameTestItemListType

Element/@Attribute	Char	Description	Type
CodeFrameTestItemListType			List
TestItem	OR	Code Frame Test Item	CodeFrameTestItemType

Table A.54-1: CodeFrameTestItemListType

A.55 CodeFrameTestItemType
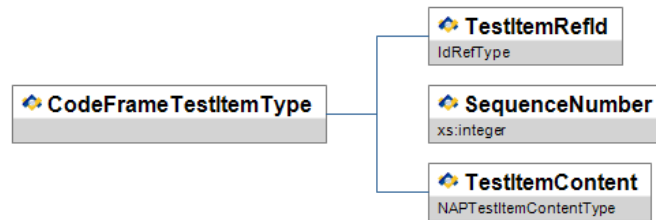
Figure A.55-1: CodeFrameTestItemType

Element/@Attribute	Char	Description	Type
CodeFrameTestItemType	OR		
TestItemRefId	M	The GUID of Test item object.	IdRefType
SequenceNumber	M	Location of test item in testlet, as an ordinal.	xs:integer
TestItemContent	M		NAPTestItemContentType

Table A.55-1: CodeFrameTestItemType

A.56 ComponentsType

Lesson or activity-sized portions of a resource.
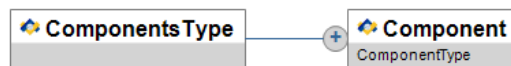
Figure A.56-1: ComponentsType

Element/@Attribute	Char	Description	Type
ComponentsType		Lesson or activity-sized portions of a resource.	List
Component	MR	A lesson or activity-sized portion of a resource.	ComponentType

Table A.56-1: ComponentsType

A.57 ComponentType

A lesson or activity-sized portion of a resource.
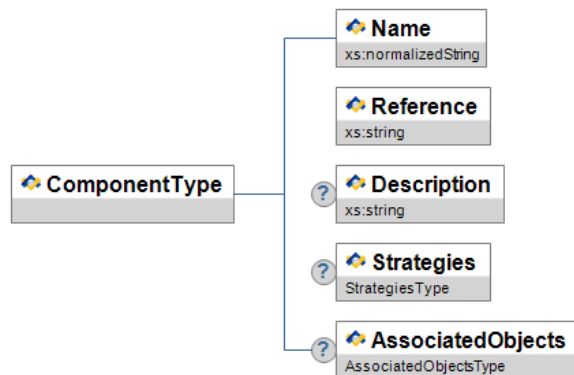
Figure A.57-1: ComponentType

Element/@Attribute	Char	Description	Type
ComponentType	MR	A lesson or activity-sized portion of a resource.	
Name	M	Name of learning resource component within the resource, i.e. "Chapter 1, Section 4."	`xs:normalizedString`
Reference	M	Description of where ResourceComponent is located within resource or in general, i.e. "Section 4, pages 32-38," or URL string, or whatever locator is appropriate for media.	`xs:string`
Description	O	Description of ResourceComponent, i.e. "Discover how changing the scale of a map can either increase or decrease the level of detail you see."	`xs:string`
Strategies	O	Teaching/learning strategies used in the learning resource.	`StrategiesType`
AssociatedObjects	O	References from component to associated elements within another SIF object.	`AssociatedObjectsType`

Table A.57-1: ComponentType

A.58 ContactFlagsType

Contains Yes/No characteristics of the contact person's role. Provide a `Yes` value for all that apply. At least one of the child elements of `ContactFlags` must have a `Yes` value. Do not publish the `StudentContactRelationship` instance if one of the child elements does not have a `Yes` value.
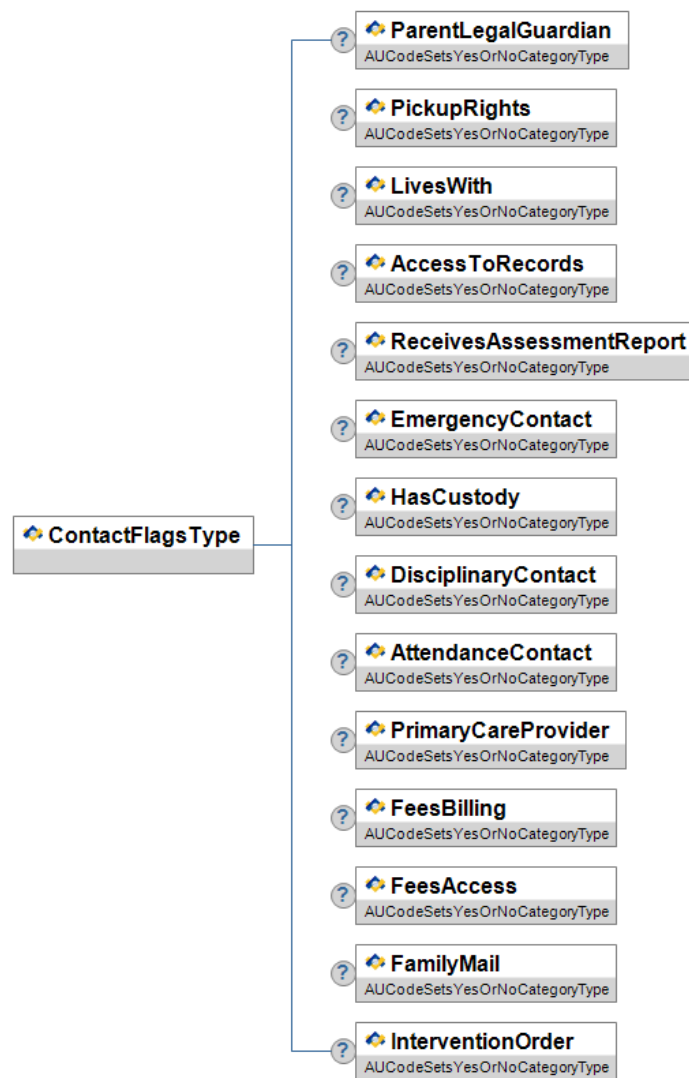
Figure A.58-1: ContactFlagsType

Element/@Attribute	Char	Description	Type
ContactFlagsType	C	Contains Yes/No characteristics of the contact person's role. Provide a `Yes` value for all that apply. At least one of the child elements of `ContactFlags` must have a `Yes` value. Do not publish the `StudentContactRelationship` instance if one of the child elements does not have a `Yes` value.	
ParentLegalGuardian	C	Does the individual have parental or legal guardianship responsibility for the student?	AUCodeSetsYesOrNoCategoryType
PickupRights	C	This element tells whether or not the contact has pickup rights.	AUCodeSetsYesOrNoCategoryType
LivesWith	C	Does the student live with this contact?	AUCodeSetsYesOrNoCategoryType
AccessToRecords	C	Does this contact have access to the student's records?	AUCodeSetsYesOrNoCategoryType
ReceivesAssessmentReport	C	In particular, should this contact receive a copy of the student report?	AUCodeSetsYesOrNoCategoryType
EmergencyContact	C	Should this contact be notified in case of emergency?	AUCodeSetsYesOrNoCategoryType
HasCustody	C	Does this contact have or share custody of the student?	AUCodeSetsYesOrNoCategoryType
DisciplinaryContact	C	Is this person to be contacted in case of disciplinary action?	AUCodeSetsYesOrNoCategoryType
AttendanceContact	C	Should this contact be notified in case of an attendance issue?	AUCodeSetsYesOrNoCategoryType
PrimaryCareProvider	C	Does this person provide daily living or personal assistance to the student?	AUCodeSetsYesOrNoCategoryType
FeesBilling	C	Is this the contact responsible for Payment of Fees?	AUCodeSetsYesOrNoCategoryType
FeesAccess	C	Does this contact have access to fees information?	AUCodeSetsYesOrNoCategoryType
FamilyMail	C	Does this person receive family mail?	AUCodeSetsYesOrNoCategoryType
InterventionOrder	C	Is there an Intervention Order against this Contact?	AUCodeSetsYesOrNoCategoryType

Table A.58-1: ContactFlagsType

A.59 ContactInfoType

Common element used to supply information for a contact person at a school, LEA, or other institution.
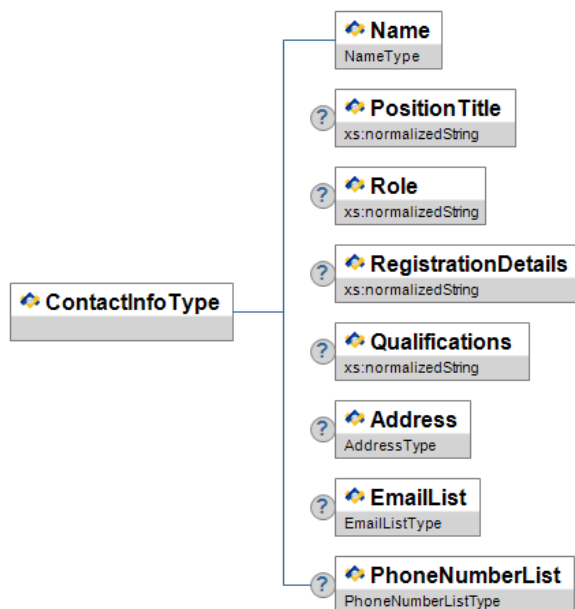
Figure A.59-1: ContactInfoType

Element/@Attribute	Char	Description	Type
ContactInfoType		Common element used to supply information for a contact person at a school, LEA, or other institution.	
Name	M		NameType
PositionTitle	O	The contact person's position title. **Examples** Superintendent	xs:normalizedString
Role	O	Role played by this contact in this instance. **Examples** Report Contact Primary Contact Alternate Contact	xs:normalizedString
RegistrationDetails	O	Registration Details of the Contact.	xs:normalizedString
Qualifications	O	Qualifications of the Contact.	xs:normalizedString
Address	O	Address of the contact.	AddressType
EmailList	O	List of Email elements.	EmailListType
PhoneNumberList	O	List of PhoneNumber elements.	PhoneNumberListType

Table A.59-1: ContactInfoType

JSON 📋   **XML** 📋

```xml
<ContactInfo>
   <Name Type="LGL">
      <FamilyName>Woodall</FamilyName>
      <GivenName>Charles</GivenName>
      <MiddleName>William</MiddleName>
   </Name>
   <PositionTitle>Superintendent</PositionTitle>
   <EmailList>
      <Email Type="01">drseuss@whoville.k12.state.us</Email>
   </EmailList>
   <PhoneNumberList>
      <PhoneNumber Type="0096">
         <Number>(02) 9555-0102</Number>
      </PhoneNumber>
   </PhoneNumberList>
</ContactInfo>
```

Example A.59-1: ContactInfoType

A.60 ContactsType

Contains contact information about resource authors.
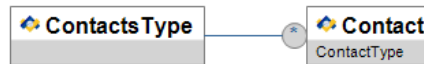
Figure A.60-1: ContactsType

Element/@Attribute	Char	Description	Type
ContactsType		Contains contact information about resource authors.	List
Contact	OR	Contains contact information about a resource author.	ContactType

Table A.60-1: ContactsType

A.61 ContactType

Contains contact information about a resource author.
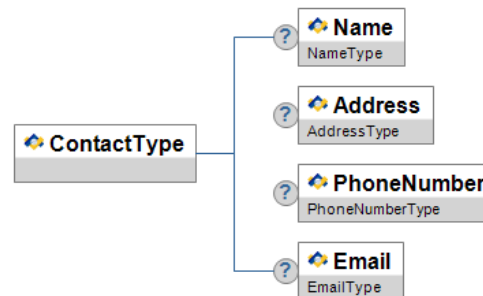
Figure A.61-1: ContactType

Element/@Attribute	Char	Description	Type
ContactType	OR	Contains contact information about a resource author.	
Name	O	Name of contact person. Use the generic element Name.	NameType
Address	O	Address of organization or company.	AddressType
PhoneNumber	O	Phone number of organization or company.	PhoneNumberType
Email	O	The email of the organization or company.	EmailType

Table A.61-1: ContactType

A.62 ContentDescriptionListType

Figure A.62-1: ContentDescriptionListType

Element/@Attribute	Char	Description	Type
ContentDescriptionListType			List
ContentDescription	OR	Content description in the Australian Curriculum that is relevant to the test item.	xs:normalizedString

Table A.62-1: ContentDescriptionListType

A.63 CopyRightContainerType

Copyright for document.
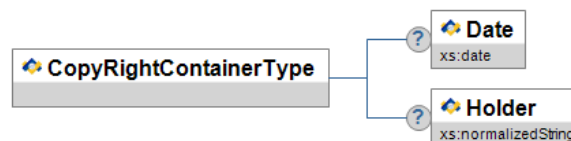
Figure A.63-1: CopyRightContainerType

Element/@Attribute	Char	Description	Type
CopyRightContainerType	O	Copyright for document.	
Date	C	Copyright date	xs:date
Holder	C	Name of the copyright holder	xs:normalizedString

Table A.63-1: CopyRightContainerType

A.64 CountryList2Type

Figure A.64-1: CountryList2Type

Element/@Attribute	Char	Description	Type
CountryList2Type			List
CountryOfResidency	MR	A person's country of residency.	CountryType

Table A.64-1: CountryList2Type

A.65 CountryListType

Figure A.65-1: CountryListType

Element/@Attribute	Char	Description	Type
CountryListType			List
CountryOfCitizenship	MR	A person's country of citizenship.	CountryType

Table A.65-1: CountryListType

A.66 CountryType

A country code.
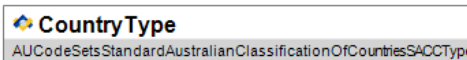
Figure A.66-1: CountryType

Element/@Attribute	Char	Description	Type
CountryType		A country code.	AUCodeSetsStandardAustralianClassificationOfCountriesSACCType

Table A.66-1: CountryType


```
<Country>1101</Country>
```
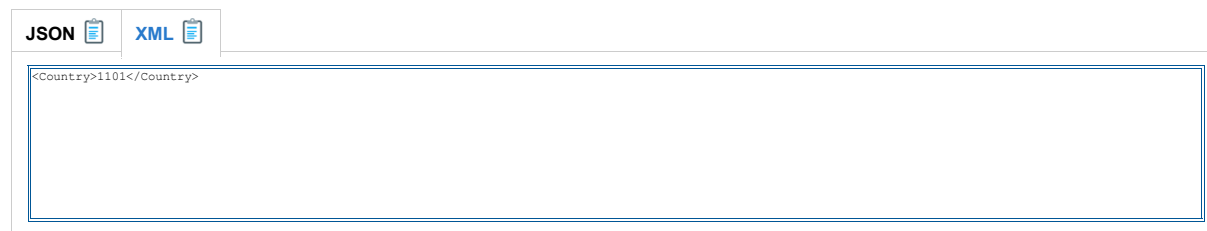
Example A.66-1: CountryType

A.67 CreatedType

When the object was created by whom. This is a more persistent creation date than the date/time in the object's `SIF_Header`. Depending on the use case being implemented, this value could contain the date the data in the object first entered the zone or was actually created.
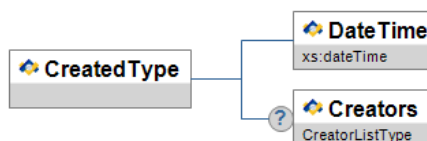
Figure A.67-1: CreatedType

Element/@Attribute	Char	Description	Type
CreatedType		When the object was created by whom. This is a more persistent creation date than the date/time in the object's `SIF_Header`. Depending on the use case being implemented, this value could contain the date the data in the object first entered the zone or was actually created.	
DateTime	M	Date and time object was created.	xs:dateTime
Creators	O	List of Creators.	CreatorListType

Table A.67-1: CreatedType

A.68 CreationUserType

Information about which staff member created this record.
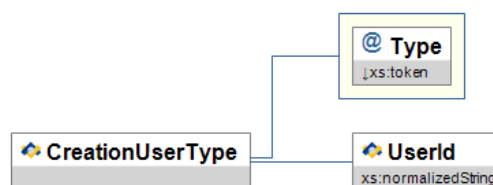
Figure A.68-1: CreationUserType

Element/@Attribute	Char	Description	Type
CreationUserType	M	Information about which staff member created this record.	
@ Type	M	The role of the staff member that created this record.	**values:** Office Staff School Admin Parent Nurse Teacher Other
UserId	M	Unique identifier of the user that created the attendance record. This will depend on the user and the source. The preferred identifier would be a RefId for a StaffPersonal, StudentContact, or StudentPersonal Object. However, the user may not be associated with any of these SIF objects. In that case a unique Id given by the source should be used.	xs:normalizedString

Table A.68-1: CreationUserType

A.69 CreatorListType
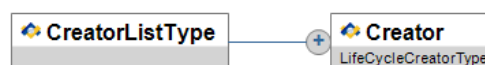
List of Creators.

Figure A.69-1: CreatorListType

Element/@Attribute	Char	Description	Type
CreatorListType		List of Creators.	List
Creator	MR		LifeCycleCreatorType

Table A.69-1: CreatorListType

A.70 DebitOrCreditAmountType

Gross amount to be billed, including any tax. Can be credit (e.g. for family credit notes, reimbursements, rebates).
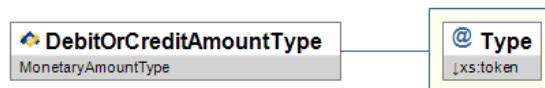
Figure A.70-1: DebitOrCreditAmountType

Element/@Attribute	Char	Description	Type
DebitOrCreditAmountType	M	Gross amount to be billed, including any tax. Can be credit (e.g. for family credit notes, reimbursements, rebates).	MonetaryAmountType
@ Type	M		**values:** Debit Credit

Table A.70-1: DebitOrCreditAmountType

A.71 DefinedProtocolsType

The transport protocols defined in SIF.
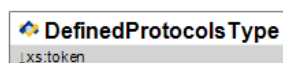
Figure A.71-1: DefinedProtocolsType

Element/@Attribute	Char	Description	Type
DefinedProtocolsType		The transport protocols defined in SIF.	**values:** HTTPS HTTP

Table A.71-1: DefinedProtocolsType

A.72 DemographicsType

Demographics information about the student, contact, staff member, etc.

IndigenousStatus
AUCodeSetsIndigenousStatusType

Sex
AUCodeSetsSexCodeType

BirthDate
BirthDateType

DateOfDeath
xs:date

Deceased
AUCodeSetsYesOrNoCategoryType

BirthDateVerification
AUCodeSetsBirthdateVerificationType

PlaceOfBirth
xs:normalizedString

StateOfBirth
StateProvinceType

CountryOfBirth
CountryType

CountriesOfCitizenship
CountryListType

CountriesOfResidency
CountryList2Type

CountryArrivalDate
xs:date

AustralianCitizenshipStatus
AUCodeSetsAustralianCitizenshipStatusType

EnglishProficiency
EnglishProficiencyType

DemographicsType

LanguageList
LanguageListType

DwellingArrangement
DwellingArrangementType

Religion
ReligionType

ReligiousEventList
ReligiousEventListType

ReligiousRegion
xs:normalizedString

PermanentResident
AUCodeSetsPermanentResidentStatusType

VisaSubClass
VisaSubClassCodeType

VisaStatisticalCode
xs:normalizedString

VisaExpiryDate
xs:date

VisaSubClassList
VisaSubClassListType

LBOTE

Figure A.72-1: DemographicsType

Element/@Attribute	Char	Description	Type
DemographicsType		Demographics information about the student, contact, staff member, etc.	
IndigenousStatus	O	Whether or not the person identifies themselves as being of Aboriginal and/or Torres Strait Islander descent.	AUCodeSetsIndigenousStatusType
Sex	O	'Sex' is the distinction 'male'/'female'/'intersex', as reported by the person	AUCodeSetsSexCodeType
BirthDate	O	The person's date of birth.	BirthDateType
DateOfDeath	O	The person's date of death.	xs:date
Deceased	O	Indicator if the person is known to be deceased.	AUCodeSetsYesOrNoCategoryType
BirthDateVerification	O	Means by which the person's birth date was validated.	AUCodeSetsBirthdateVerificationType
PlaceOfBirth	O	The person's place of birth - like village, town, city etc.	xs:normalizedString
StateOfBirth	O	The person's state of birth.	StateProvinceType
CountryOfBirth	O	The person's country of birth.	CountryType
CountriesOfCitizenship	O	The person's country of citizenship.	CountryListType
CountriesOfResidency	O	The person's country of residency.	CountryList2Type
CountryArrivalDate	O	Date the person first arrived in the country.	xs:date
AustralianCitizenshipStatus	O	The person's citizenship status.	AUCodeSetsAustralianCitizenshipStatusType
EnglishProficiency	O	Person's proficiency in English.	EnglishProficiencyType
LanguageList	O	List of languages an individual uses to communicate.	LanguageListType
DwellingArrangement	O	Setting/environment in which the person resides.	DwellingArrangementType
Religion	O	Type of Religion if any	ReligionType
ReligiousEventList	O	List of Religious events	ReligiousEventListType
ReligiousRegion	O	Belong to Religious Region - Currently Free Text.	xs:normalizedString
PermanentResident	O	Australian Residency Status (Mandatory for Student)	AUCodeSetsPermanentResidentStatusType
VisaSubClass	O	Visa Sub-Class - Can be free text - not necessary to validate	VisaSubClassCodeType

Element/@Attribute	Char	Description	Type
VisaStatisticalCode	O	Visa Statistical Code - Can be free text - not necessary to validate	xs:normalizedString
VisaExpiryDate	O	Expiry Date of Visa if one exists	xs:date
VisaSubClassList	O	List of Visa details if more than one exists.	VisaSubClassListType
LBOTE	O	Language Background is Other Than English. (http://www.acara.edu.au/verve/_resources/DSM_1.pdf), the LBOTE metric is under review. Currently it can be derived from Student and Parents Language Background.	AUCodeSetsYesOrNoCategoryType
InterpreterRequired	O	Is an interpreter required for the school to communicate with this person?	AUCodeSetsYesOrNoCategoryType
ImmunisationCertificateStatus	O	Status of Immunisation Certificate	AUCodeSetsImmunisationCertificateStatusType
CulturalBackground	O	Used to indicate cultural background.	AUCodeSetsAustralianStandardClassificationOfCulturalAndEthnicGroupsASCCEGType
MaritalStatus	O	The person's marital status.	AUCodeSetsMaritalStatusAIHWType
MedicareNumber	O	Person's Medicare number. Exchange only with permission to do so.	xs:normalizedString

Table A.72-1: DemographicsType

JSON 📋   **XML** 📋

```
<Demographics>
  <IndigenousStatus>3</IndigenousStatus>
  <Sex>1</Sex>
  <BirthDate>1990-09-26</BirthDate>
  <Deceased>Y</Deceased>
  <BirthDateVerification>1004</BirthDateVerification>
  <PlaceOfBirth>Clayton</PlaceOfBirth>
  <StateOfBirth>VIC</StateOfBirth>
  <CountryOfBirth>1101</CountryOfBirth>
  <CountriesOfCitizenship>
    <CountryOfCitizenship>8104</CountryOfCitizenship>
    <CountryOfCitizenship>1101</CountryOfCitizenship>
  </CountriesOfCitizenship>
  <CountriesOfResidency>
    <CountryOfResidency>8104</CountryOfResidency>
    <CountryOfResidency>1101</CountryOfResidency>
  </CountriesOfResidency>
  <CountryArrivalDate>1990-09-26</CountryArrivalDate>
  <AustralianCitizenshipStatus>1</AustralianCitizenshipStatus>
  <EnglishProficiency>
    <Code>1</Code>
  </EnglishProficiency>
  <LanguageList>
    <Language>
      <Code>0001</Code>
      <LanguageType>1</LanguageType>
    </Language>
  </LanguageList>
  <DwellingArrangement>
```

Example A.72-1: Demographics Example

A.73 DetentionContainerType

Container for details of a Detention.
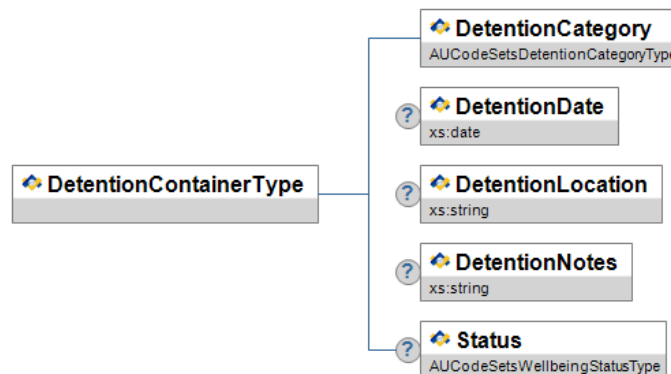
Figure A.73-1: DetentionContainerType

Element/@Attribute	Char	Description	Type
DetentionContainerType		Container for details of a Detention.	
DetentionCategory	M	Categorisation of a Detention.	AUCodeSetsDetentionCategoryType
DetentionDate	O	Date of the detention.	xs:date
DetentionLocation	O	Eventually to be typed for initial draft will be string to try and determine a valid code set.	xs:string
DetentionNotes	O	Any notes that can be provided regarding the need/response that led to the detention.	xs:string
Status	O	Current Status.	AUCodeSetsWellbeingStatusType

Table A.73-1: DetentionContainerType

A.74 DomainBandsContainerType

Container for the NAP Domain Bands - Upper and Lower
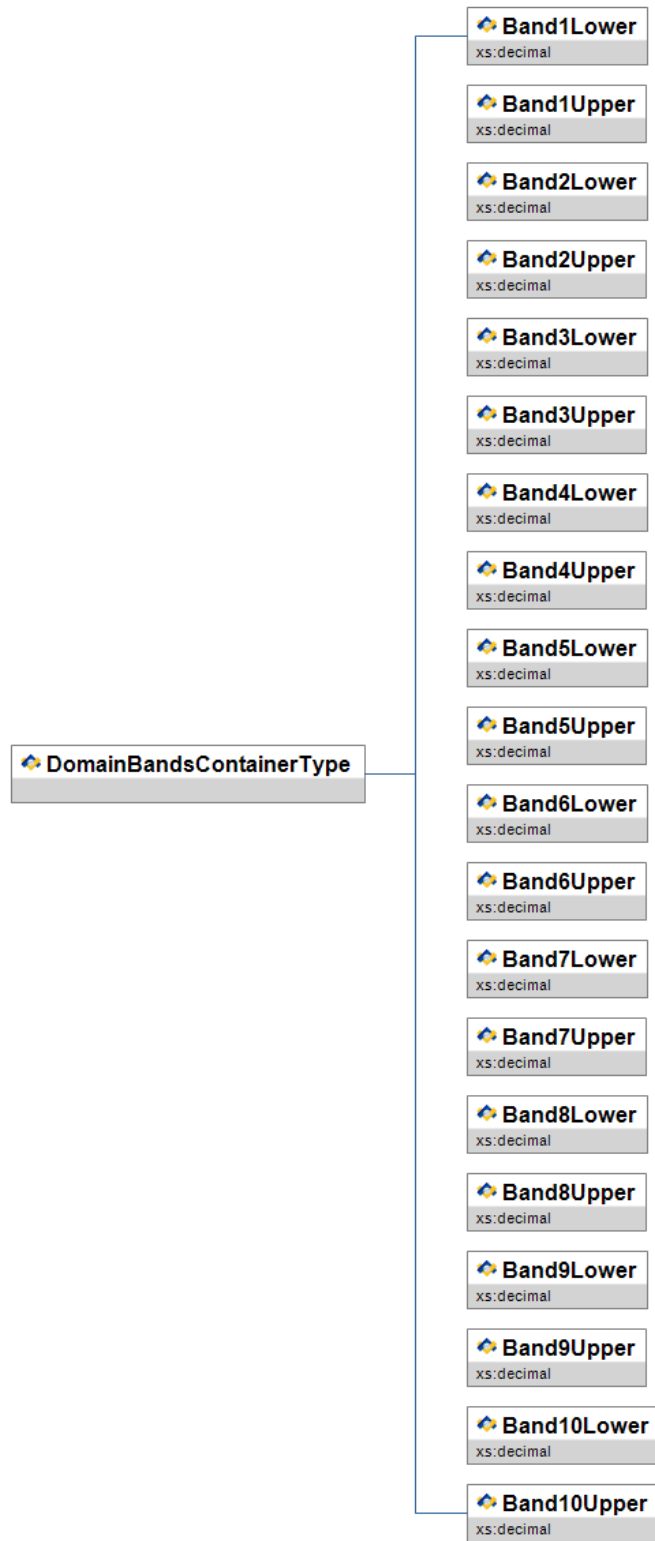
Figure A.74-1: DomainBandsContainerType

Element/@Attribute	Char	Description	Type
DomainBandsContainerType	M	Container for the NAP Domain Bands - Upper and Lower	
Band1Lower	M	Lowest scaled score value for Band 1 in domain specified.	xs:decimal
Band1Upper	M	Upper scaled score value for Band 1 in domain specified.	xs:decimal
Band2Lower	M	Lowest scaled score value for Band 2 in domain specified.	xs:decimal
Band2Upper	M	Upper scaled score value for Band 2 in domain specified.	xs:decimal
Band3Lower	M	Lowest scaled score value for Band 3 in domain specified.	xs:decimal
Band3Upper	M	Upper scaled score value for Band 3 in domain specified.	xs:decimal
Band4Lower	M	Lowest scaled score value for Band 4 in domain specified.	xs:decimal
Band4Upper	M	Upper scaled score value for Band 4 in domain specified.	xs:decimal
Band5Lower	M	Lowest scaled score value for Band 5 in domain specified.	xs:decimal
Band5Upper	M	Upper scaled score value for Band 5 in domain specified.	xs:decimal
Band6Lower	M	Lowest scaled score value for Band 6 in domain specified.	xs:decimal
Band6Upper	M	Upper scaled score value for Band 6 in domain specified.	xs:decimal
Band7Lower	M	Lowest scaled score value for Band 7 in domain specified.	xs:decimal
Band7Upper	M	Upper scaled score value for Band 7 in domain specified.	xs:decimal
Band8Lower	M	Lowest scaled score value for Band 8 in domain specified.	xs:decimal
Band8Upper	M	Upper scaled score value for Band 8 in domain specified.	xs:decimal
Band9Lower	M	Lowest scaled score value for Band 9 in domain specified.	xs:decimal
Band9Upper	M	Upper scaled score value for Band 9 in domain specified.	xs:decimal
Band10Lower	M	Lowest scaled score value for Band 10 in domain specified.	xs:decimal
Band10Upper	M	Upper scaled score value for Band 10 in domain specified.	xs:decimal

Table A.74-1: DomainBandsContainerType

A.75 DomainProficiencyContainerType

Container for the NAP Proficiency Levels
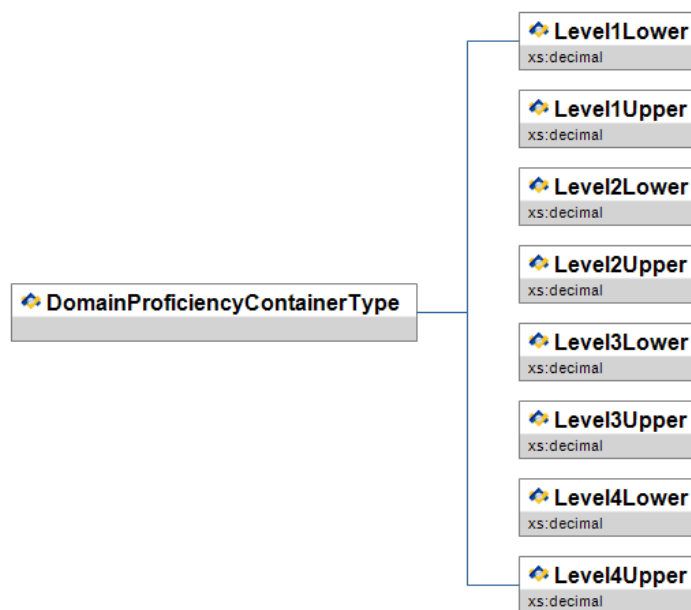
Figure A.75-1: DomainProficiencyContainerType

Element/@Attribute	Char	Description	Type
DomainProficiencyContainerType	M	Container for the NAP Proficiency Levels	
Level1Lower	M	Lowest scaled score value for Proficiency Level 1 in domain specified (place holder).	xs:decimal
Level1Upper	M	Upper scaled score value for Proficiency Level 1 in domain specified (place holder).	xs:decimal
Level2Lower	M	Lowest scaled score value for Proficiency Level 2 in domain specified (place holder).	xs:decimal
Level2Upper	M	Upper scaled score value for Proficiency Level 2 in domain specified (place holder).	xs:decimal
Level3Lower	M	Lowest scaled score value for Proficiency Level 3 in domain specified (place holder).	xs:decimal
Level3Upper	M	Upper scaled score value for Proficiency Level 3 in domain specified (place holder).	xs:decimal
Level4Lower	M	Lowest scaled score value for Proficiency Level 4 in domain specified (place holder).	xs:decimal
Level4Upper	M	Upper scaled score value for Proficiency Level 4 in domain specified (place holder).	xs:decimal

Table A.75-1: DomainProficiencyContainerType

A.76 DomainScoreType
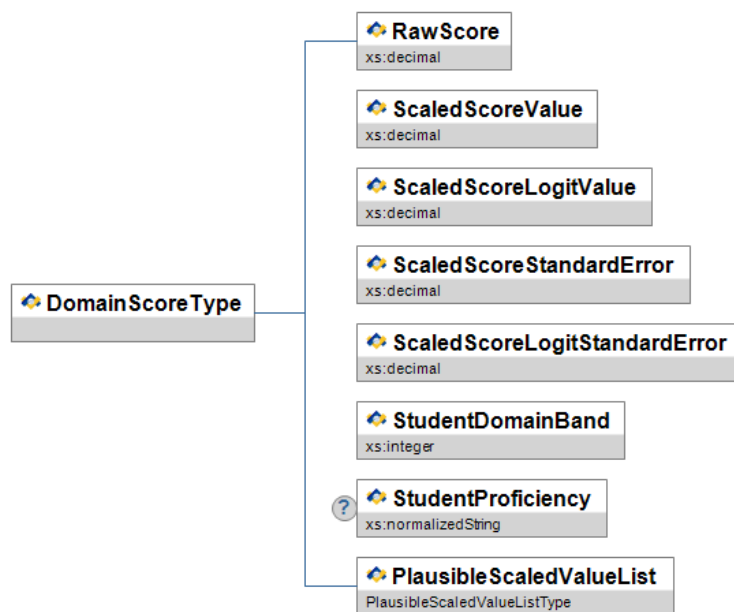
Figure A.76-1: DomainScoreType

Element/@Attribute	Char	Description	Type
DomainScoreType	O		
RawScore	M	Raw Total score across all Marked Student Responses for the Domain.	xs:decimal
ScaledScoreValue	M	Weighted Likelihood Estimate for Domain, commonly known as scaled score.	xs:decimal
ScaledScoreLogitValue	M	Student ability for Domain in logits at 0.5 probability level.	xs:decimal
ScaledScoreStandardError	M	Standard Error for Domain Scaled Score for this student.	xs:decimal
ScaledScoreLogitStandardError	M	Standard Error for Domain Scaled Score for this student in logits.	xs:decimal
StudentDomainBand	M	The integer value of the performance band that the student's score is in for the NAP test domain.	xs:integer
StudentProficiency	O	The Skill Progression Level that the student's score is in for the NAP test domain.	xs:normalizedString
PlausibleScaledValueList	M	List of Plausible values used for reporting to determine cut off points, there are 5 per student per domain.	PlausibleScaledValueListType

Table A.76-1: DomainScoreType

A.77 DwellingArrangementType

Setting/environment in which the person resides.
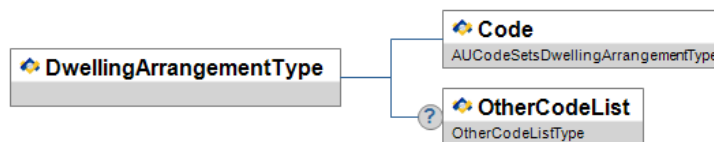
Figure A.77-1: DwellingArrangementType

Element/@Attribute	Char	Description	Type
DwellingArrangementType	O	Setting/environment in which the person resides.	
Code	M	Code representing the setting/environment in which the person resides	AUCodeSetsDwellingArrangementType
OtherCodeList	O		OtherCodeListType

Table A.77-1: DwellingArrangementType

A.78 EducationalLevelType

A code representing the highest level of education completed by a person.
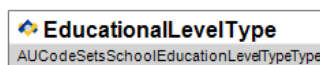
Figure A.78-1: EducationalLevelType

Element/@Attribute	Char	Description	Type
EducationalLevelType		A code representing the highest level of education completed by a person.	AUCodeSetsSchoolEducationLevelTypeType

Table A.78-1: EducationalLevelType

```
<Educational    XML 📋    tionalLevel>
```

Example A.78-1: EducationalLevelType

A.79 EducationFilterType

Based on feedback from publishers, instructional management and system integrator vendors, `EducationFilter` was developed to provide the ability to tag objects with metadata that allows for categorization, sorting, and filtering, to empower teaching and learning SIF usage. There exist two main business cases:

- Content providers receiving a request for learning resources can tag content with applicable filters. Upon receipt of SIF objects, receiving application can then read the metadata to categorize the content most appropriately.
- When supported by providers, this metadata can then be utilized in queries to more precisely limit the type of content returned to requesting applications.

The use cases for `EducationFilter` require a contract and choreography to be understood between both sides of the transaction as is the case with all `SIF_Metadata`.

Figure A.79-1: EducationFilterType

Element/@Attribute	Char	Description	Type
EducationFilterType			
LearningStandardItems	O	Allows any SIF object to be correlated to learning standards.	`LearningStandardsType`

Table A.79-1: EducationFilterType

```
<EducationFilter>
  <LearningStandardItems>
    <LearningStandardItemRefId>23E34B35-9D75-101A-8C3D-00AA001A1652</LearningStandardItemRefId>
    <LearningStandardItemRefId>34F34B35-9D75-101A-8C3D-00AA001A1652</LearningStandardItemRefId>
    <LearningStandardItemRefId>4F034B35-9D75-101A-8C3D-00AA001A9D75</LearningStandardItemRefId>
    <LearningStandardItemRefId>52E34B35-1652-101A-8C3D-00AA001A1667</LearningStandardItemRefId>
    <LearningStandardItemRefId>63E85F35-9D75-101A-8C3D-00AA001A2352</LearningStandardItemRefId>
    <LearningStandardItemRefId>73E34B35-9D75-101A-8C3D-00AA001A1659</LearningStandardItemRefId>
    <LearningStandardItemRefId>83E34B35-1652-101A-8C3D-00AA001A1652</LearningStandardItemRefId>
  </LearningStandardItems>
</EducationFilter>
```

Example A.79-1: EducationFilter Example

A.80 ElectronicIdListType

A list of electronic identifiers associated with an entity.

Figure A.80-1: ElectronicIdListType

Element/@Attribute	Char	Description	Type
ElectronicIdListType		A list of electronic identifiers associated with an entity.	`List`
ElectronicId	MR		`ElectronicIdType`

Table A.80-1: ElectronicIdListType

```
<ElectronicIdList>
  <ElectronicId Type="01">206654</ElectronicId>
  <ElectronicId Type="03">1234</ElectronicId>
</ElectronicIdList>
```

Example A.80-1: ElectronicIdListType

A.81 ElectronicIdType

Common element used to specify entity identifiers that are read by electronic equipment.

Figure A.81-1: ElectronicIdType

Element/@Attribute	Char	Description	Type
ElectronicIdType		Common element used to specify entity identifiers that are read by electronic equipment.	xs:normalizedString
@ Type	M	Electronic ID type.	AUCodeSetsElectronicIdTypeType

Table A.81-1: ElectronicIdType

JSON   **XML**

```
<ElectronicId Type="01">206654</ElectronicId>
```

Example A.81-1: ElectronicIdType

A.82 EmailListType

A list of e-mail addresses associated with an individual or organization.
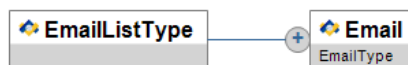
Figure A.82-1: EmailListType

Element/@Attribute	Char	Description	Type
EmailListType		A list of e-mail addresses associated with an individual or organization.	List
Email	MR	E-mail address.	EmailType

Table A.82-1: EmailListType

JSON   **XML**

```
<EmailList>
  <Email Type="01">contact@sifinfo.org</Email>
  <Email Type="02">info@sifinfo.org</Email>
</EmailList>
```

Example A.82-1: EmailListType

A.83 EmailType

This element represents an e-mail address of one of a number of types and occurs in objects such as StudentPersonal, StaffPersonal, StudentContactPersonal, etc.

Figure A.83-1: EmailType

Element/@Attribute	Char	Description	Type
EmailType		This element represents an e-mail address of one of a number of types and occurs in objects such as StudentPersonal, StaffPersonal, StudentContactPersonal, etc.	xs:normalizedString
@ Type	M	This attribute specifies the type of e-mail address.	AUCodeSetsEmailTypeType

Table A.83-1: EmailType

JSON 📋   **XML** 📋

```
<Email Type="01">contact@sifinfo.org</Email>
```

Example A.83-1: EmailType

A.84 EnglishProficiencyType
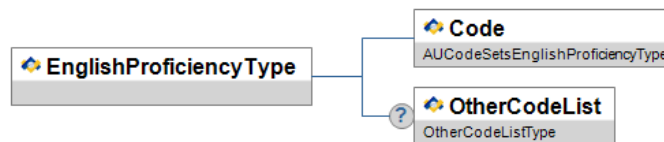
Figure A.84-1: EnglishProficiencyType

Element/@Attribute	Char	Description	Type
EnglishProficiencyType	O		
Code	M	Person's proficiency in English.	AUCodeSetsEnglishProficiencyType
OtherCodeList	O		OtherCodeListType

Table A.84-1: EnglishProficiencyType

JSON 📋   **XML** 📋

```
<EnglishProficiency>
  <Code>9</Code>
</EnglishProficiency>
```

Example A.84-1: EnglishProficiencyType

A.85 EntityContactInfoType

Common element used to supply information for a contact person at a school, LEA, or other institution.
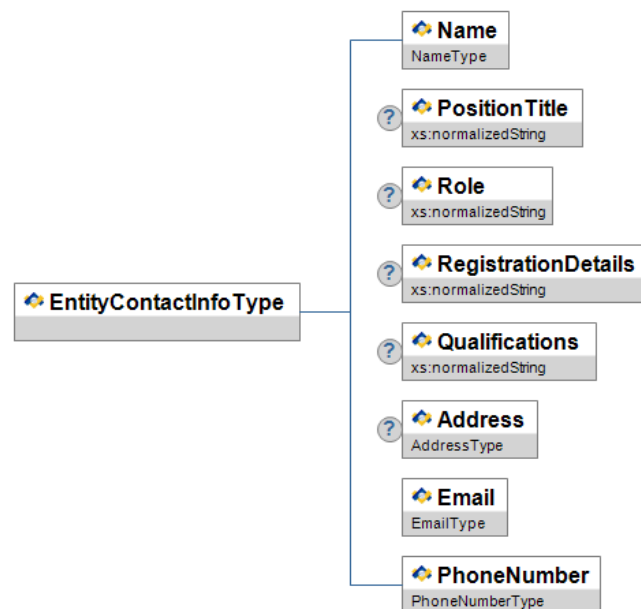
Figure A.85-1: EntityContactInfoType

Element/@Attribute	Char	Description	Type
EntityContactInfoType		Common element used to supply information for a contact person at a school, LEA, or other institution.	
Name	M	Name of the Contact Person for this entity. Note: For an AG Submission, Given Name and Surname are Mandatory.	NameType
PositionTitle	O	The contact person's position title. **Examples** Superintendent	xs:normalizedString
Role	O	Role played by this contact in this instance. **Examples** Report Contact Primary Contact Alternate Contact	xs:normalizedString
RegistrationDetails	O	Registration Details of the Contact.	xs:normalizedString
Qualifications	O	Qualifications of the Contact.	xs:normalizedString
Address	O	Address of the contact.	AddressType
Email	M	Email address of the contact.	EmailType
PhoneNumber	M	Phone number of the contact.	PhoneNumberType

Table A.85-1: EntityContactInfoType

JSON 📋   **XML** 📋

```xml
<EntityContactInfo>
  <Name Type="LGL">
    <FamilyName>Woodall</FamilyName>
    <GivenName>Charles</GivenName>
    <MiddleName>William</MiddleName>
  </Name>
  <PositionTitle>Superintendent</PositionTitle>
  <Email Type="01">drseuss@whoville.k12.state.us</Email>
  <PhoneNumber Type="0096">
    <Number>(02) 9555-0102</Number>
  </PhoneNumber>
</EntityContactInfo>
```

Example A.85-1: EntityContactInfoType

A.86 EssentialMaterialsType

Essential materials required to engage in this activity.
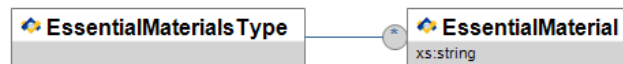
Figure A.86-1: EssentialMaterialsType

Element/@Attribute	Char	Description	Type
EssentialMaterialsType		Essential materials required to engage in this activity.	List
EssentialMaterial	OR	Essential material required to engage in this activity.	xs:string

Table A.86-1: EssentialMaterialsType

A.87 EvaluationsType

Evaluations/review of the resource.
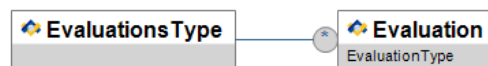
Figure A.87-1: EvaluationsType

Element/@Attribute	Char	Description	Type
EvaluationsType		Evaluations/review of the resource.	List
Evaluation	OR	Evaluation/review of resource.	EvaluationType

Table A.87-1: EvaluationsType

A.88 EvaluationType

Evaluation/review of resource.
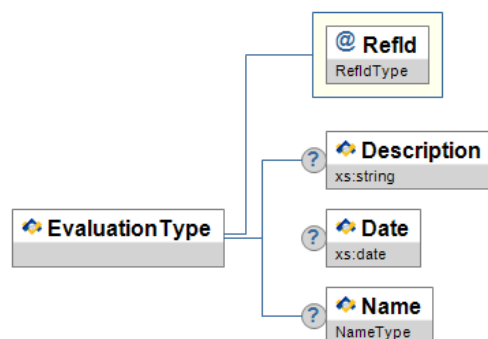
Figure A.88-1: EvaluationType

Element/@Attribute	Char	Description	Type
EvaluationType	OR	Evaluation/review of resource.	
@ RefId	M	GUID assigned to an evaluation.	RefIdType
Description	O	Description of evaluation of resource.	xs:string
Date	O	Date evaluation was performed	xs:date
Name	O	Name of individual who submitted evaluation.	NameType

Table A.88-1: EvaluationType

A.89 ExclusionRulesType

Rules for which statistic may not be reported.
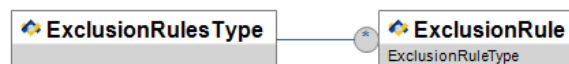
Figure A.89-1: ExclusionRulesType

Element/@Attribute	Char	Description	Type
ExclusionRulesType		Rules for which statistic may not be reported.	List
ExclusionRule	OR	Rule for which statistic may not be reported	ExclusionRuleType

Table A.89-1: ExclusionRulesType

A.90 ExclusionRuleType

Rule for which statistic may not be reported
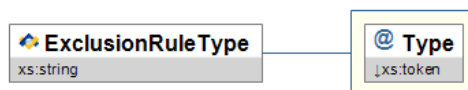
Figure A.90-1: ExclusionRuleType

Element/@Attribute	Char	Description	Type
ExclusionRuleType	OR	Rule for which statistic may not be reported	xs:string
@ Type	M		**values:** SampleSize Description

Table A.90-1: ExclusionRuleType

A.91 ExpenseAccountsType
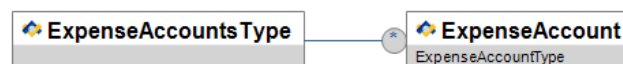
Figure A.91-1: ExpenseAccountsType

Element/@Attribute	Char	Description	Type
ExpenseAccountsType			List
ExpenseAccount	OR	Account that is to be charged for the item.	ExpenseAccountType

Table A.91-1: ExpenseAccountsType

A.92 ExpenseAccountType

Account that is to be charged for the item.
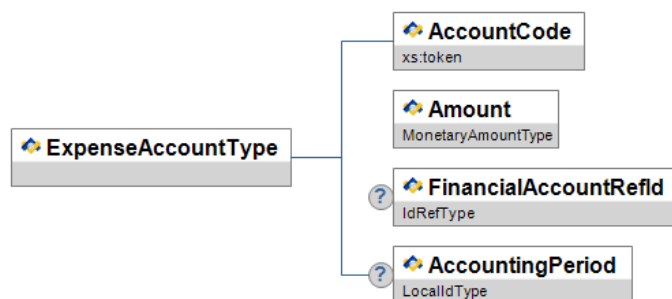
Figure A.92-1: ExpenseAccountType

Element/@Attribute	Char	Description	Type
ExpenseAccountType	OR	Account that is to be charged for the item.	
AccountCode	M	Account code charged to this item.	xs:token
Amount	M	Amount charged to this account.	MonetaryAmountType
FinancialAccountRefId	O	Account being charged.	IdRefType
AccountingPeriod	O	Accounting period for the charge.	LocalIdType

Table A.92-1: ExpenseAccountType

A.93 ExtendedContentType

Allows for any mixed XML in an element.

Figure A.93-1: ExtendedContentType

Element/@Attribute	Char	Description	Type

ExtendedContentType		Allows for any mixed XML in an element.	`<xs:complexContent mixed="true">`
			`  <xs:restriction base="xs:anyType">`
			`    <xs:sequence>`
			`      <xs:any processContents="lax" minOccurs="0" maxOccurs="unbounded" />`
			`    </xs:sequence>`
			`  </xs:restriction>`
			`</xs:complexContent>`

Table A.93-1: ExtendedContentType

A.94 FinancialAccountRefIdListType

List of RefIds of financial account codes.
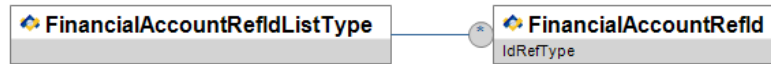
Figure A.94-1: FinancialAccountRefIdListType

Element/@Attribute	Char	Description	Type
FinancialAccountRefIdListType		List of RefIds of financial account codes.	List
FinancialAccountRefId	OR	RefId of a chart of account code associated with the invoice.	IdRefType

Table A.94-1: FinancialAccountRefIdListType

A.95 FineInfoListType

List of fines assessed.
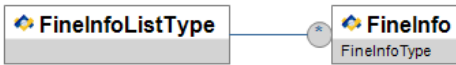
Figure A.95-1: FineInfoListType

Element/@Attribute	Char	Description	Type
FineInfoListType		List of fines assessed.	List
FineInfo	OR	If the item has a fine assessed to this person, this element will contain the information about the fine.	FineInfoType

Table A.95-1: FineInfoListType

A.96 FineInfoType

If the item has a fine assessed to this person, this element will contain the information about the fine.
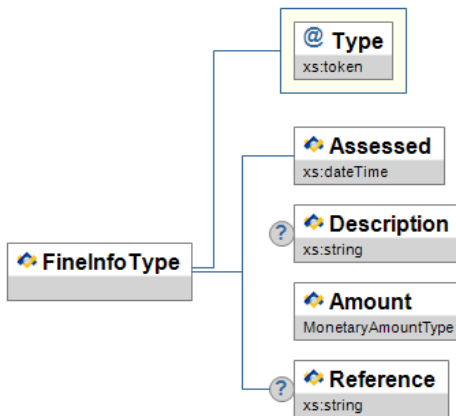
Figure A.96-1: FineInfoType

Element/@Attribute	Char	Description	Type
FineInfoType	OR	If the item has a fine assessed to this person, this element will contain the information about the fine.	
@ Type	M	Type of fine assessed to this patron and item. A corresponding `ItemInfo` is required for all `FineInfo` types except "Other" and "Refund" where it is permissible to omit the `ItemInfo` element if there isn't an item associated with the fine.	xs:token
Assessed	M	The date and time that this fine was assessed to the patron.	xs:dateTime
Description	O	More detailed information concerning the assessed fine or refund.	xs:string
Amount	M	The current balance of the fine expressed as a positive number.	MonetaryAmountType
Reference	O	An application-specific reference identifier for the fine being assessed, paid, or refunded. It is intended to identify a specific fine transaction allowing consumers to include this information in Billing or Payment events sent to the library application.	xs:string

Table A.96-1: FineInfoType

A.97 FollowUpActionListType

List of Actions where an action resulted and is known - maybe just a link to a WellbeingResponse Object

Figure A.97-1: FollowUpActionListType

Element/@Attribute	Char	Description	Type
FollowUpActionListType		List of Actions where an action resulted and is known - maybe just a link to a WellbeingResponse Object	List
FollowUpAction	OR	Container for the Follow Up details.	FollowUpActionType

Table A.97-1: FollowUpActionListType

A.98 FollowUpActionType

Repeatable Follow Up Action.
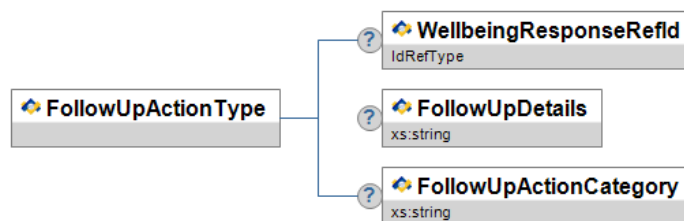
Figure A.98-1: FollowUpActionType

Element/@Attribute	Char	Description	Type
FollowUpActionType	OR	Repeatable Follow Up Action.	
WellbeingResponseRefId	O	The RefId of a WellbeingResponse Object if it exists.	IdRefType
FollowUpDetails	O	Optional free text to outline follow up.	xs:string
FollowUpActionCategory	O	Category of Action - typing locally defined.	xs:string

Table A.98-1: FollowUpActionType

A.99 FQContextualQuestionListType

A list of Contextual Questions.
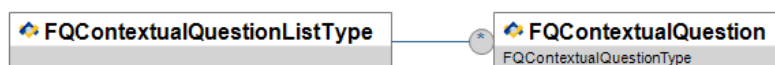
Figure A.99-1: FQContextualQuestionListType

Element/@Attribute	Char	Description	Type
FQContextualQuestionListType		A list of Contextual Questions.	List
FQContextualQuestion	OR	The Contextual Question.	FQContextualQuestionType

Table A.99-1: FQContextualQuestionListType

A.100 FQContextualQuestionType

The FQItem contextual question.
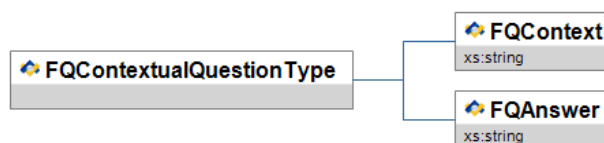
Figure A.100-1: FQContextualQuestionType

Element/@Attribute	Char	Description	Type
FQContextualQuestionType		The FQItem contextual question.	
FQContext	M	Context Question.	xs:string
FQAnswer	M	Associated Answer.	xs:string

Table A.100-1: FQContextualQuestionType

A.101 FQItemListType

A list of FQ Items reported on.

Figure A.101-1: FQItemListType

Element/@Attribute	Char	Description	Type
FQItemListType		A list of FQ Items reported on.	List
FQItem	OR	The FQItem being reported on.	FQItemType

Table A.101-1: FQItemListType

A.102 FQItemType

The FQItem being reported on.
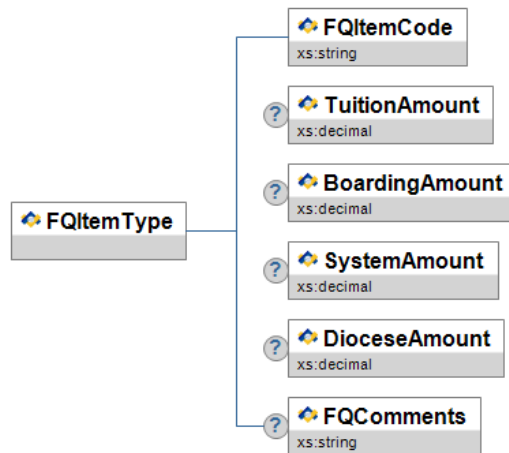
Figure A.102-1: FQItemType

Element/@Attribute	Char	Description	Type
FQItemType		The FQItem being reported on.	
FQItemCode	M	Financial Questionnaire Item Code	xs:string
TuitionAmount	O	Amount associated with Tuition.	xs:decimal
BoardingAmount	O	Amount associated with Boarding.	xs:decimal
SystemAmount	O	Amount associated with the System.	xs:decimal
DioceseAmount	O	Amount associated with the Diocese.	xs:decimal
FQComments	O	Comments associated with a FQ Item	xs:string

Table A.102-1: FQItemType

A.103 FQReportingListType

A list of Financial Questionnaire Reports.

Figure A.103-1: FQReportingListType

Element/@Attribute	Char	Description	Type
FQReportingListType		A list of Financial Questionnaire Reports.	List
FQReporting	MR	The Financial Questionnaire being reported on.	FQReportingType

Table A.103-1: FQReportingListType

A.104 FQReportingType

The Financial Questionnaire being reported on.
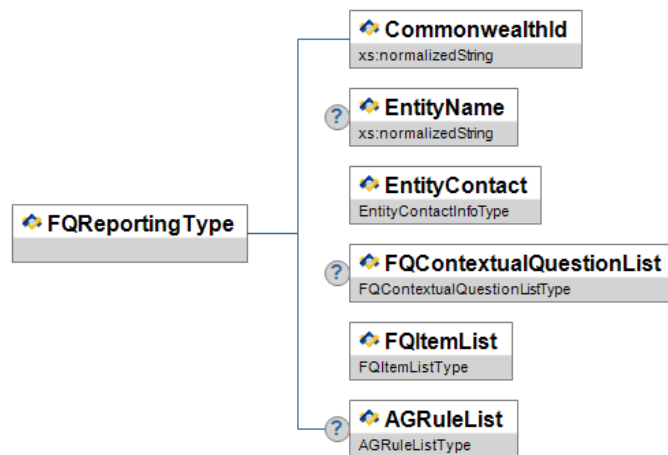
Figure A.104-1: FQReportingType

Element/@Attribute	Char	Description	Type
FQReportingType	MR	The Financial Questionnaire being reported on.	
CommonwealthId	M	Commonwealth identifier for this school/campus or entity being reported on.	xs:normalizedString
EntityName	O	Name of the Entity who this submission is for, if a School, it will be the SchoolName.	xs:normalizedString
EntityContact	M	Information on the Contact for the submission.	EntityContactInfoType
FQContextualQuestionList	O	A list of Financial questions to set the context for the AG Collection.	FQContextualQuestionListType
FQItemList	M	A list of Financial Items being reported on for the AG Collection.	FQItemListType
AGRuleList	O	A list of Rules associated with this submission.	AGRuleListType

Table A.104-1: FQReportingType

A.105 GenericRubricType
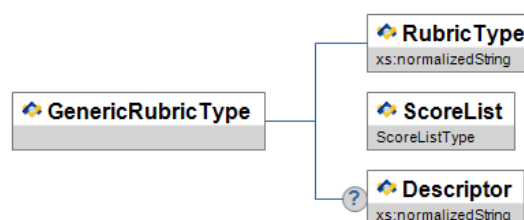
Figure A.105-1: GenericRubricType

Element/@Attribute	Char	Description	Type
GenericRubricType	MR		
RubricType	M	Category that rubric is scoring for.	xs:normalizedString
ScoreList	M	Category that rubric is scoring for.	ScoreListType
Descriptor	O	Descriptor of Score Point of the Rubric.	xs:normalizedString

Table A.105-1: GenericRubricType

A.106 GradeType

Overall Student Grade. At least one numeric, percentage or letter must be provided as defined in the fields below.
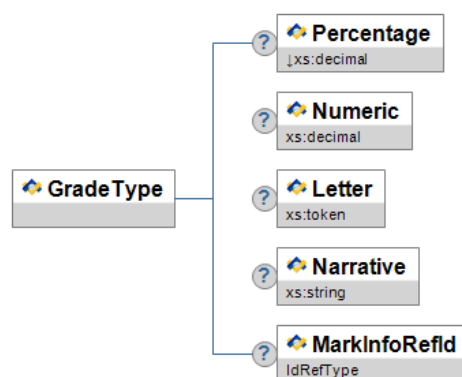
Figure A.106-1: GradeType

Element/@Attribute	Char	Description	Type
GradeType	O	Overall Student Grade. At least one numeric, percentage or letter must be provided as defined in the fields below.	
Percentage	C	The grade percentage for this grade (0.00-100.00).	xs:decimal xs:minInclusive 0.00 xs:maxInclusive 100.00
Numeric	C	The raw numeric value for this grade.	xs:decimal
Letter	C	The letter grade value for this grade. If this is provided, the numeric value or percentage value must also be entered in order to provide a numeric value for the grade to be utilized in any computations.	xs:token
Narrative	O	The free form text narrative for this grade. Can incorporate teacher judgement.	xs:string
MarkInfoRefId	O	GUID of the MarkInfo Object that provides information about this grading.	IdRefType

Table A.106-1: GradeType

A.107 GradingScoreListType

Assignments that the student went through to achieve this summative assessment.

Figure A.107-1: GradingScoreListType

Element/@Attribute	Char	Description	Type
GradingScoreListType		Assignments that the student went through to achieve this summative assessment.	List
GradingAssignmentScore	OR	AssignmentScore.	AssignmentScoreType

Table A.107-1: GradingScoreListType

A.108 GraduationDateType

Date student officially graduated from secondary education.
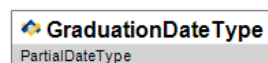
Figure A.108-1: GraduationDateType

Element/@Attribute	Char	Description	Type
GraduationDateType		Date student officially graduated from secondary education.	PartialDateType

Table A.108-1: GraduationDateType

JSON **XML**

```
<GraduationDate>2005-05-27</GraduationDate>
```

Example A.108-1: GraduationDateType

A.109 GridLocationType

This element contains a map location. The GridLocation element is utilized within the Address element.
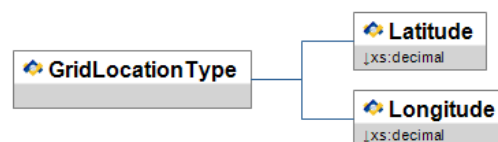
Figure A.109-1: GridLocationType

Element/@Attribute	Char	Description	Type
GridLocationType		This element contains a map location. The GridLocation element is utilized within the Address element.	
Latitude	M	Latitude in decimal degrees. Latitudes north of the equator are positive, latitudes south of the equator are negative [ISO 6709].	xs:decimal xs:minInclusive -90 xs:maxInclusive 90
Longitude	M	Longitude in decimal degrees. Longitudes east of the Prime Meridian in Greenwich are positive, longitudes west of the Prime Meridian are negative. The 180th meridian is negative. [ISO 6709]	xs:decimal xs:minInclusive -180 xs:maxInclusive 180

Table A.109-1: GridLocationType

JSON **XML**

```
<GridLocation>
  <Latitude>41.850000</Latitude>
  <Longitude>-87.650000</Longitude>
</GridLocation>
```

SIF format for a GUID. This is different for 2.x Infrastructure and 3.x Infrastructure - 2.x xs:pattern value='[0-9A-F]{32}' 3.x - xs:pattern value="[a-fA-F0-9]{8}-[a-fA-F0-9]{4}-[a-fA-F0-9]{4}-[a-fA-F0-9]{4}-[a-fA-F0-9]{12}"

Figure A.110-1: GUIDType

Element/@Attribute	Char	Description	Type
GUIDType		SIF format for a GUID. This is different for 2.x Infrastructure and 3.x Infrastructure - 2.x xs:pattern value='[0-9A-F]{32}' 3.x - xs:pattern value="[a-fA-F0-9]{8}-[a-fA-F0-9]{4}-[a-fA-F0-9]{4}-[a-fA-F0-9]{4}-[a-fA-F0-9]{12}"	xs:token xs:pattern [a-fA-F0-9]{8}-[a-fA-F0-9]{4}-[a-fA-F0-9]{4}-[a-fA-F0-9]{4}-[a-fA-F0-9]{12}

Table A.110-1: GUIDType

List of holds placed.

Figure A.111-1: HoldInfoListType

Element/@Attribute	Char	Description	Type
HoldInfoListType		List of holds placed.	List
HoldInfo	OR	If the item has a hold placed on it by a patron, this element will contain the information about the hold.	HoldInfoType

Table A.111-1: HoldInfoListType

If the item has a hold placed on it by a patron, this element will contain the information about the hold.
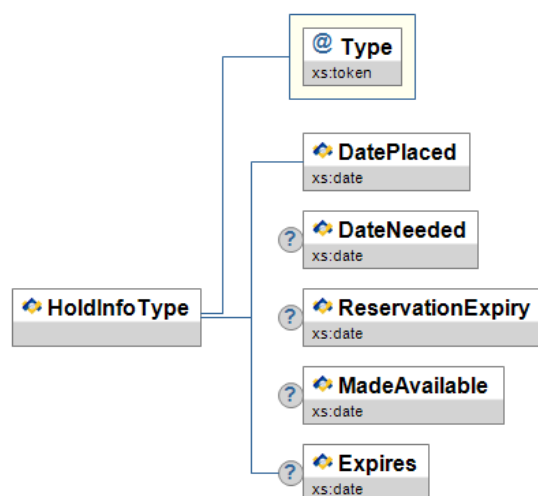
Figure A.112-1: HoldInfoType

Element/@Attribute	Char	Description	Type
HoldInfoType		If the item has a hold placed on it by a patron, this element will contain the information about the hold.	
@ Type	M	The type of hold being referenced.	xs:token
DatePlaced	M	The date that the patron placed the hold.	xs:date
DateNeeded	O	The date that the patron needs this item by.	xs:date
ReservationExpiry	O	The date when this reservation will expire freeing the item to be assigned to another patron.	xs:date
MadeAvailable	O	The date that this item became available for the patron to pick up.	xs:date
Expires	O	The date when this ready hold will expire freeing the item to be assigned to another patron.	xs:date

Table A.112-1: HoldInfoType

A.113 HomeroomNumberType

Common element used to specify the locally-defined number or identifier for a homeroom. It is used in objects such as RoomInfo and StudentSnapshot.
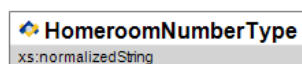
Figure A.113-1: HomeroomNumberType

Element/@Attribute	Char	Description	Type
HomeroomNumberType		Common element used to specify the locally-defined number or identifier for a homeroom. It is used in objects such as RoomInfo and StudentSnapshot.	xs:normalizedString

Table A.113-1: HomeroomNumberType

JSON   **XML**

```
<HomeroomNumber>A-204</HomeroomNumber>
```

Example A.113-1: HomeroomNumberType

A.114 HomeroomType

Homeroom for this enrollment.

Figure A.114-1: HomeroomType

Element/@Attribute	Char	Description	Type
HomeroomType	O	Homeroom for this enrollment.	`IdRefType`
@ SIF_RefObject	M	The name of the object referenced.	**values:** `RoomInfo`

Table A.114-1: HomeroomType

A.115 HouseholdContactInfoListType

List of Households this Person is associated with

Figure A.115-1: HouseholdContactInfoListType

Element/@Attribute	Char	Description	Type
HouseholdContactInfoListType		List of Households this Person is associated with	`List`
HouseholdContactInfo	MR	Common element used to supply information about a particular household a person is a member of.	`HouseholdContactInfoType`

Table A.115-1: HouseholdContactInfoListType

A.116 HouseholdContactInfoType

Common element used to supply information about a particular household a person is a member of.
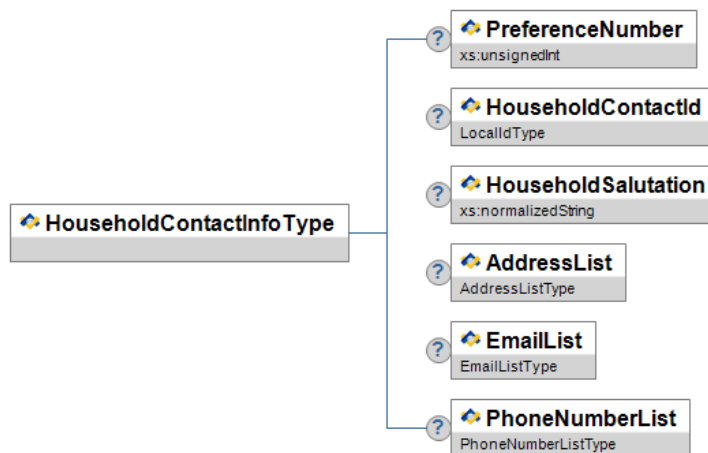
Figure A.116-1: HouseholdContactInfoType

Element/@Attribute	Char	Description	Type
HouseholdContactInfoType	MR	Common element used to supply information about a particular household a person is a member of.	
PreferenceNumber	O	Priority of Household Contact in relation to this Person.	xs:unsignedInt
HouseholdContactId	O	Local Household Id	LocalIdType
HouseholdSalutation	O	Salutation to be used in addressing this household.	xs:normalizedString
AddressList	O	The person's address(es).	AddressListType
EmailList	O	List of Email elements.	EmailListType
PhoneNumberList	O	List of PhoneNumber elements.	PhoneNumberListType

Table A.116-1: HouseholdContactInfoType

A.117 HouseholdListType
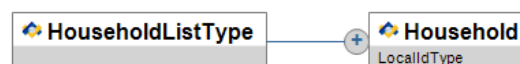
Figure A.117-1: HouseholdListType

Element/@Attribute	Char	Description	Type
HouseholdListType			List
Household	MR	Repeatable element containing the ID of a household.	LocalIdType

Table A.117-1: HouseholdListType

A.118 IdentityAssertionsType

The list of identity assertions for this user.
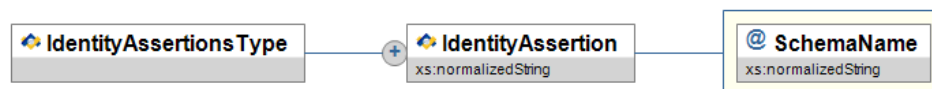
Figure A.118-1: IdentityAssertionsType

Element/@Attribute	Char	Description	Type
IdentityAssertionsType		The list of identity assertions for this user.	List
IdentityAssertion	MR	The identification string for this user.	xs:normalizedString
@ SchemaName	M	The name of the field. See implementation notes for details on required schema elements. **Examples** eduPersonPrincipalName sAmAccountName	xs:normalizedString

Table A.118-1: IdentityAssertionsType

A.119 IdRefType

A reference to a RefId.

Figure A.119-1: IdRefType

Element/@Attribute	Char	Description	Type
IdRefType		A reference to a RefId.	RefIdType

Table A.119-1: IdRefType

A.120 JournalAdjustmentListType

List of accounts that need adjustment. To use this element - the journal must have an originating transaction.
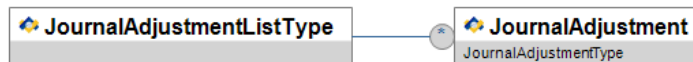
Figure A.120-1: JournalAdjustmentListType

Element/@Attribute	Char	Description	Type
JournalAdjustmentListType		List of accounts that need adjustment. To use this element - the journal must have an originating transaction.	List
JournalAdjustment	OR	Details of an adjustment.	JournalAdjustmentType

Table A.120-1: JournalAdjustmentListType

A.121 JournalAdjustmentType

Details of the Journal Adjustment. There must be an originating transaction for this to be used.
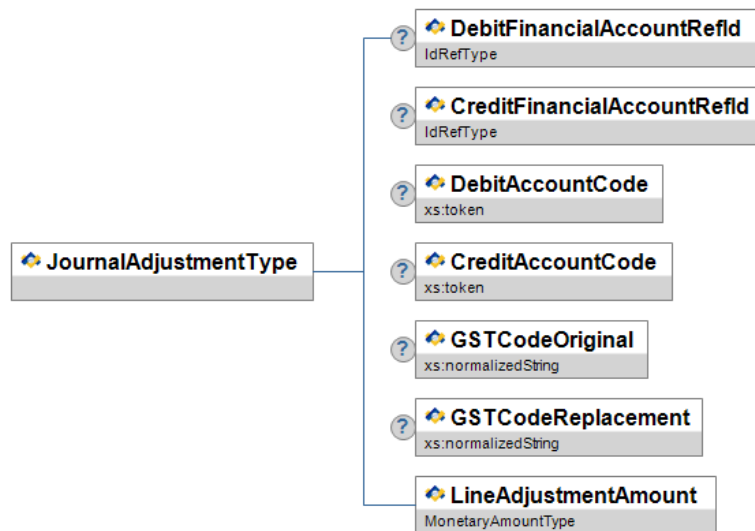
Figure A.121-1: JournalAdjustmentType

Element/@Attribute	Char	Description	Type
JournalAdjustmentType	OR	Details of the Journal Adjustment. There must be an originating transaction for this to be used.	
DebitFinancialAccountRefId	O	RefId of account to debit.	IdRefType
CreditFinancialAccountRefId	O	RefId of account to credit.	IdRefType
DebitAccountCode	O	Account to debit.	xs:token
CreditAccountCode	O	Account to credit.	xs:token
GSTCodeOriginal	O	Original GST code for journal transfer (if required).	xs:normalizedString
GSTCodeReplacement	O	Replacement GST code for journal transfer (if required).	xs:normalizedString
LineAdjustmentAmount	M	Amount to transfer between the two accounts.	MonetaryAmountType

Table A.121-1: JournalAdjustmentType

A.122 LanguageBaseType
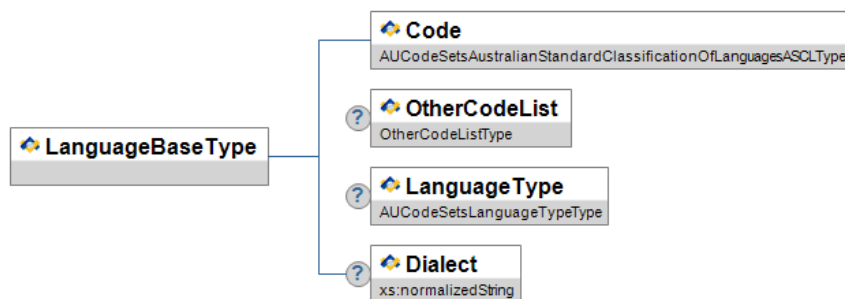
Figure A.122-1: LanguageBaseType

Element/@Attribute	Char	Description	Type
LanguageBaseType	OR		
Code	M	The code representing the specific language that an individual uses to communicate.	AUCodeSetsAustralianStandardClassificationOfLanguagesASCLType
OtherCodeList	O	List of other codes or strings that crosswalk to or serve as translations of the Code element paired with this common element. If Code changes and OtherCodes are supported, both Code and all associated OtherCode elements must be present.	OtherCodeListType
LanguageType	O	An indication of the function and context in which an individual uses a language to communicate.	AUCodeSetsLanguageTypeType
Dialect	O	Specific dialect of a person's language.	xs:normalizedString

Table A.122-1: LanguageBaseType

A.123 LanguageListType
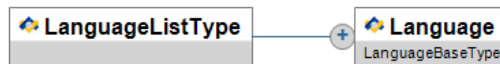
Figure A.123-1: LanguageListType

Element/@Attribute	Char	Description	Type
LanguageListType			List
Language	MR		LanguageBaseType

Table A.123-1: LanguageListType

JSON   XML

```
<LanguageList>
   <Language>
     <Code>1201</Code>
     <LanguageType>1</LanguageType>
   </Language>
   <Language>
     <Code>1301</Code>
     <LanguageType>9</LanguageType>
   </Language>
</LanguageList>
```

Example A.123-1: LanguageListType

A.124 LanguageOfInstructionType

Language in which the section is taught.
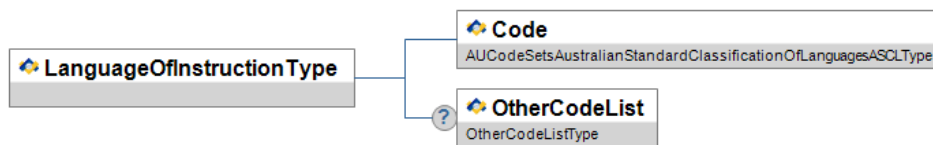
Figure A.124-1: LanguageOfInstructionType

Element/@Attribute	Char	Description	Type
LanguageOfInstructionType	O	Language in which the section is taught.	
Code	M	Code representing the language of instruction.	AUCodeSetsAustralianStandardClassificationOfLanguagesASCLType
OtherCodeList	O		OtherCodeListType

Table A.124-1: LanguageOfInstructionType

A.125 LEAContactListType
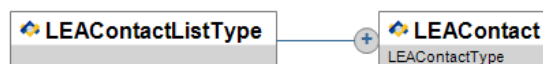
Figure A.125-1: LEAContactListType

Element/@Attribute	Char	Description	Type
LEAContactListType			List
LEAContact	MR	Information on contact persons for this LEA.	LEAContactType

Table A.125-1: LEAContactListType

A.126 LEAContactType

Information on contact persons for this LEA.
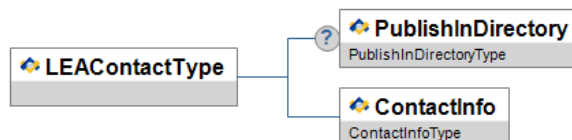
Figure A.126-1: LEAContactType

Element/@Attribute	Char	Description	Type
LEAContactType	MR	Information on contact persons for this LEA.	
PublishInDirectory	O	Indicates whether or not this LEA contact's information should be published in a directory of LEA information.	PublishInDirectoryType
ContactInfo	M	Common element used to supply information for a contact person at a school, LEA, or other institution..	ContactInfoType

Table A.126-1: LEAContactType

A.127 LearningObjectivesType

Educational objectives of the activity.

Figure A.127-1: LearningObjectivesType

Element/@Attribute	Char	Description	Type
LearningObjectivesType		Educational objectives of the activity.	List
LearningObjective	OR	Description of an educational objective of the activity.	xs:string

Table A.127-1: LearningObjectivesType

A.128 LearningResourcesType

Container for related resources.

Figure A.128-1: LearningResourcesType

Element/@Attribute	Char	Description	Type
LearningResourcesType		Container for related resources.	List
LearningResourceRefId	OR	A relationship between the item and an attached resource (e.g. learning resource, work sample).	IdRefType

Table A.128-1: LearningResourcesType

A.129 LearningStandardListType

References to LearningStandardItems.

Figure A.129-1: LearningStandardListType

Element/@Attribute	Char	Description	Type
LearningStandardListType		References to LearningStandardItems.	`List`
LearningStandard	OR	Reference to a LearningStandardType.	`LearningStandardType`

Table A.129-1: LearningStandardListType

A.130 LearningStandardsDocumentType

References to LearningStandard Documents.

Figure A.130-1: LearningStandardsDocumentType

Element/@Attribute	Char	Description	Type
LearningStandardsDocumentType		References to LearningStandard Documents.	`List`
LearningStandardDocumentRefId	OR	Reference to a LearningStandardItem Document.	`IdRefType`

Table A.130-1: LearningStandardsDocumentType

A.131 LearningStandardsType

References to LearningStandardItems.

Figure A.131-1: LearningStandardsType

Element/@Attribute	Char	Description	Type
LearningStandardsType		References to LearningStandardItems.	`List`
LearningStandardItemRefId	OR	Reference to a LearningStandardItem.	`IdRefType`

Table A.131-1: LearningStandardsType

A.132 LearningStandardType
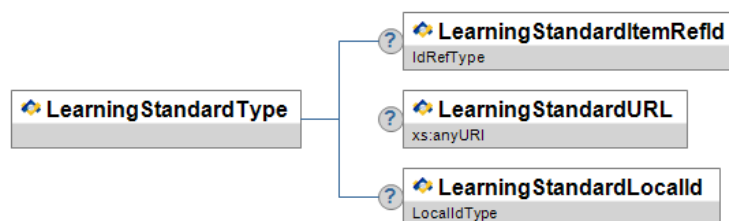
Figure A.132-1: LearningStandardType

Element/@Attribute	Char	Description	Type
LearningStandardType	OR		
LearningStandardItemRefId	O	GUID of a LearningStandardItem object, presenting the learning standard as part of a well-defined hierarchy (which a client would need to recover and reconstruct).	IdRefType
LearningStandardURL	O	URL allocated to the learning standard (e.g. in the Machine Readable Australian Curriculum).	xs:anyURI
LearningStandardLocalId	O	A local identifier or code allocated to the learning standard. Does not pre-suppose a machine readable representation of the framework that the learning standard is part of.	LocalIdType

Table A.132-1: LearningStandardType

A.133 LibraryItemInfoType

This element contains the information about the library item. Most `Transaction` elements will contain this element. However, certain types of fines assessed to the student like "talking in class", "running in library", etc. do not have a corresponding item so that `Transaction` instance would not contain an ItemInfo.
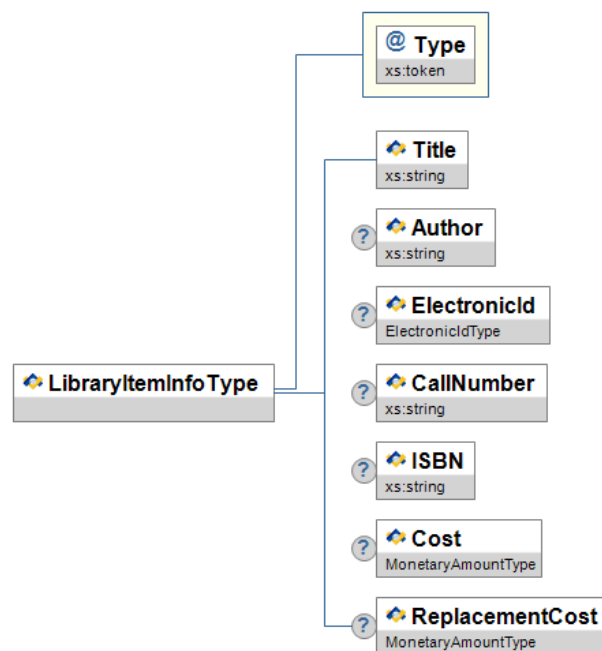
Figure A.133-1: LibraryItemInfoType

Element/@Attribute	Char	Description	Type
LibraryItemInfoType		This element contains the information about the library item. Most `Transaction` elements will contain this element. However, certain types of fines assessed to the student like "talking in class", "running in library", etc. do not have a corresponding item so that `Transaction` instance would not contain an ItemInfo.	
@ Type	M	Type of item being referenced.	`xs:token`
Title	M	The title of the item being referenced by this `Transaction`.	`xs:string`
Author	O	The author of the item being referenced by this `Transaction`.	`xs:string`
ElectronicId	O	Electronic identifier associated with this `Transaction`. This element will not appear if the `Transaction` contains a `HoldInfo` for an item where a specific instance of the item hasn't been assigned to fulfill the hold request (i.e. unfulfilled title hold request).	`ElectronicIdType`
CallNumber	O	The library call number, if any, assigned to this item.	`xs:string`
ISBN	O	ISBN (International Standard Book Number) is a unique identifier for this book.	`xs:string`
Cost	O	The cost of this item.	`MonetaryAmountType`
ReplacementCost	O	The replacement cost of this item.	`MonetaryAmountType`

Table A.133-1: LibraryItemInfoType

A.134 LibraryMessageListType

List of messages for/regarding the patron.

Figure A.134-1: LibraryMessageListType

Element/@Attribute	Char	Description	Type
LibraryMessageListType	O	List of messages for/regarding the patron.	`List`
Message	OR		`LibraryMessageType`

Table A.134-1: LibraryMessageListType

A.135 LibraryMessageType
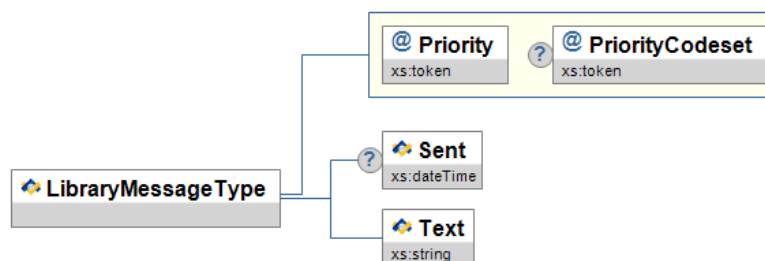
Figure A.135-1: LibraryMessageType

Element/@Attribute	Char	Description	Type
LibraryMessageType			
@ Priority	M	The level of urgency associated with this message.	xs:token
@ PriorityCodeset	O	A unique indicator (usually a URL) that points to the codeset used.	xs:token
Sent	O	The date and time that this message was originally sent.	xs:dateTime
Text	M	The contents of the message.	xs:string

Table A.135-1: LibraryMessageType

A.136 LibraryTransactionListType

List of transactions.

Figure A.136-1: LibraryTransactionListType

Element/@Attribute	Char	Description	Type
LibraryTransactionListType		List of transactions.	List
Transaction	OR	Contains information about library transactions for the referenced patron. These include items that are checked out or have fines or holds placed on them.	LibraryTransactionType

Table A.136-1: LibraryTransactionListType

A.137 LibraryTransactionType

Contains information about library transactions for the referenced patron. These include items that are checked out or have fines or holds placed on them.
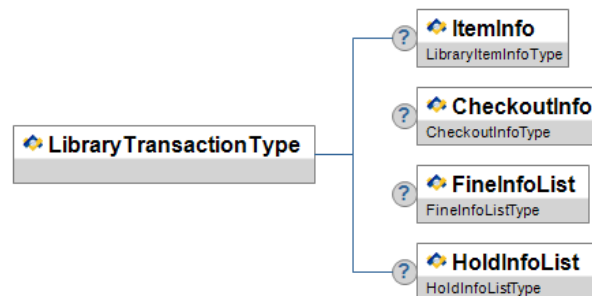
Figure A.137-1: LibraryTransactionType

Element/@Attribute	Char	Description	Type
LibraryTransactionType		Contains information about library transactions for the referenced patron. These include items that are checked out or have fines or holds placed on them.	
ItemInfo	O	If this transaction has an item associated with it, this element contains the information about the item. Most `Transaction` elements will contain this element. However, certain types of fines assessed to the student like "talking in class", "running in library", etc. do not have a corresponding item so that `Transaction` instance would not contain an ItemInfo.	`LibraryItemInfoType`
CheckoutInfo	O	If the item is currently checked out to this person, this element contains the date and time that the item is due to be returned.	`CheckoutInfoType`
FineInfoList	O	List of fines assessed.	`FineInfoListType`
HoldInfoList	O	List of holds placed.	`HoldInfoListType`

Table A.137-1: LibraryTransactionType

A.138 LifeCycleCreatorType

Information about the Creator
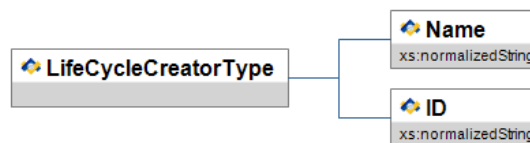
Figure A.138-1: LifeCycleCreatorType

Element/@Attribute	Char	Description	Type
LifeCycleCreatorType		Information about the Creator	
Name	M	Human-readable name of the data's creator. If the object contains system-generated data, the name should identify the creating service or application.	`xs:normalizedString`
ID	M	Unique identifier of the creator. An email address or URI could be used here.	`xs:normalizedString`

Table A.138-1: LifeCycleCreatorType

A.139 LifeCycleType

This common metadata element describes the life cycle of the object it represents, based on the IEEE LOM LifeCycle element [LOM].
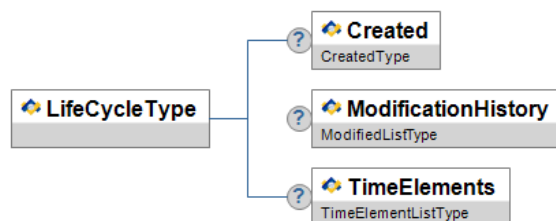
Figure A.139-1: LifeCycleType

Element/@Attribute	Char	Description	Type
LifeCycleType		This common metadata element describes the life cycle of the object it represents, based on the IEEE LOM LifeCycle element [LOM].	
Created	O	When the object was created by whom. This is a more persistent creation date than the date/time in the object's `SIF_Header`. Depending on the use case being implemented, this value could contain the date the data in the object first entered the zone or was actually created.	`CreatedType`
ModificationHistory	O	An ordered set of `Modified` elements describing which system modified the data, when the modification took place, and a brief description of the modification.	`ModifiedListType`
TimeElements	O	List of Time Elements.	`TimeElementListType`

Table A.139-1: LifeCycleType

JSON	XML

```
<LifeCycle>
  <Created>
    <DateTime>2006-08-13T09:00:00-05:00</DateTime>
    <Creators>
      <Creator>
        <Name>Alphonse Berdonosi</Name>
        <ID>http://www.edugeeks.com/aberdonosi</ID>
      </Creator>
    </Creators>
  </Created>
  <ModificationHistory>
    <Modified>
      <By>http://www.edugeeks.com/aberdonosi</By>
      <DateTime>2006-08-17T09:30:00-05:00</DateTime>
    </Modified>
  </ModificationHistory>
</LifeCycle>
```

Example A.139-1: LifeCycleType

A.140 LocalCodeListType

Figure A.140-1: LocalCodeListType

Element/@Attribute	Char	Description	Type
LocalCodeListType			List
LocalCode	MR	A state/province code, local code, other code or a text string that crosswalks to or serves as a translation of an associated Code element.	LocalCodeType

Table A.140-1: LocalCodeListType

A.141 LocalCodeType
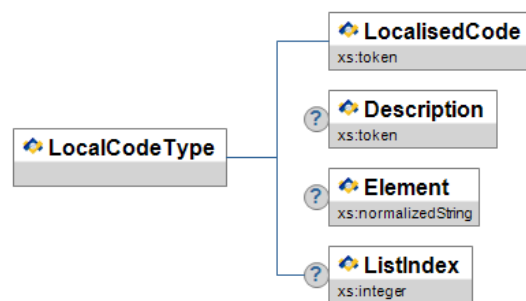
Figure A.141-1: LocalCodeType

Element/@Attribute	Char	Description	Type
LocalCodeType			
LocalisedCode	M	A state/province code, local code, other code or a text string that crosswalks to or serves as a translation of an associated `Code` element.	`xs:token`
Description	O	A Description of the LocalisedCode this represents.	`xs:token`
Element	O	Identifies the element that requires local values.	`xs:normalizedString`
ListIndex	O	If this local value is associated with a list, what element in the list does this refer to? 1 = First element in the list.	`xs:integer`

Table A.141-1: LocalCodeType

JSON 📋   **XML** 📋

```
<LocalCode>
  <LocalisedCode>0921</LocalisedCode>
  <Description>Serbia Montenegro</Description>
  <Element>CountryOfBirth</Element>
  <ListIndex>1</ListIndex>
</LocalCode>
```

Example A.141-1: LocalCodeType

A.142 LocalIdType

This is a common element used to define the locally assigned identifier associated with an entity.
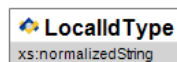
Figure A.142-1: LocalIdType

Element/@Attribute	Char	Description	Type
LocalIdType		This is a common element used to define the locally assigned identifier associated with an entity.	`xs:normalizedString`

Table A.142-1: LocalIdType

JSON 📋   **XML** 📋

```
<LocalId>123321A</LocalId>
```

Example A.142-1: LocalId Example

A.143 LocationOfInstructionType

Description of the location in which the section is taught.
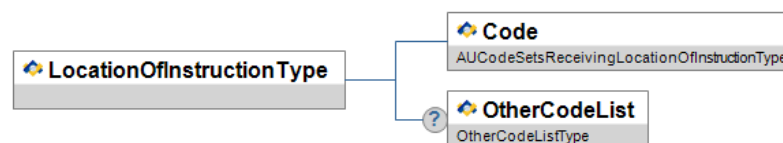
Figure A.143-1: LocationOfInstructionType

	Element/@Attribute	Char	Description	Type
	LocationOfInstructionType	O	Description of the location in which the section is taught.	
	Code	M	Code representing the location of instruction.	AUCodeSetsReceivingLocationOfInstructionType
	OtherCodeList	O		OtherCodeListType

Table A.143-1: LocationOfInstructionType

A.144 LocationType

This common element initially supports core data elements describing specific physical locations.
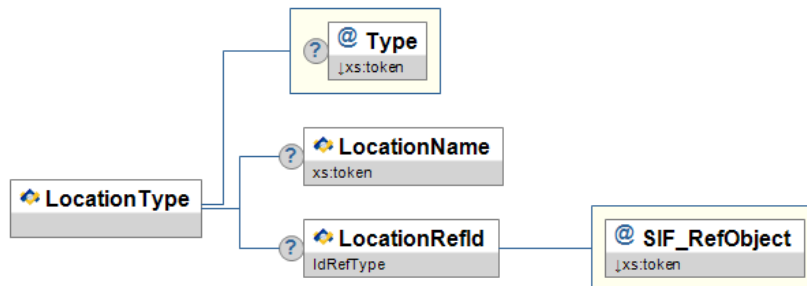
Figure A.144-1: LocationType

	Element/@Attribute	Char	Description	Type
	LocationType			
@	Type	O		**values:** Classroom School District Campus IntermediateUnit StateEducationAgency NonInstructionalSpace AthleticVenue Other
	LocationName	O	Name of the location.	xs:token
	LocationRefId	O	RefId of the location object if the location is a SIF Object such as `SchoolInfo`.	IdRefType
@	SIF_RefObject	M	Type of SIF Object `Location` points to.	**values:** SchoolInfo LEAInfo RoomInfo

Table A.144-1: LocationType

JSON **XML**

```
<Location Type="Classroom">
  <LocationName>Taylorhills Middle School Library</LocationName>
  <LocationRefId SIF_RefObject="RoomInfo">23E34B35-9D75-101A-8C3D-00AA001A1652</LocationRefId>
</Location>
```

Example A.144-1: Location Example

A.145 LResourcesType

Learning resources that support this activity.

Figure A.145-1: LResourcesType

Element/@Attribute	Char	Description	Type
LResourcesType		Learning resources that support this activity.	`List`
LearningResourceRefId	OR	A GUID reference to a SIF LearningResource object that supports this activity	`ResourcesType`

Table A.145-1: LResourcesType

A.146 MapReferenceType

A Map Reference in x-y co-ordinates.
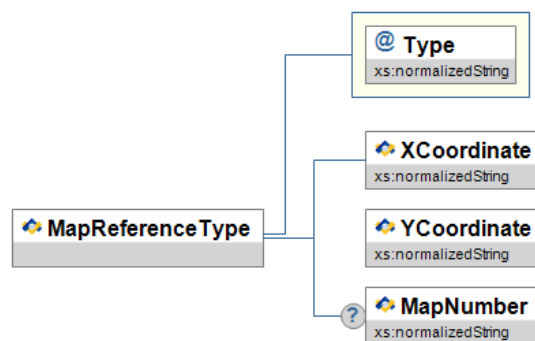
Figure A.146-1: MapReferenceType

Element/@Attribute	Char	Description	Type
MapReferenceType	O	A Map Reference in x-y co-ordinates.	
@ Type	M	Type map reference	`xs:normalizedString`
XCoordinate	M	X Co-ordinate of reference	`xs:normalizedString`
YCoordinate	M	Y Co-ordinate of reference	`xs:normalizedString`
MapNumber	O	Map Number of the Reference, if available, alphanumeric.	`xs:normalizedString`

Table A.146-1: MapReferenceType

A.147 MarkerType

A staff member, (or members), who were involved with the grading of the student, or who was responsible for any associated teacher judgement and their associated role. Must be a current member of staff.
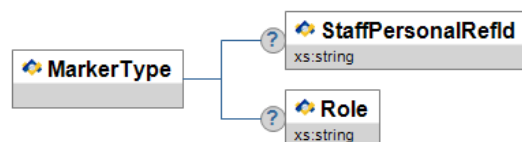
Figure A.147-1: MarkerType

Element/@Attribute	Char	Description	Type
MarkerType	OR	A staff member, (or members), who were involved with the grading of the student, or who was responsible for any associated teacher judgement and their associated role. Must be a current member of staff.	
StaffPersonalRefId	O	The RefId of the staff member involved in the marking.	xs:string
Role	O	The role the staff member played in grading the student.	xs:string

Table A.147-1: MarkerType

A.148 MediaTypesType

Resource media types.
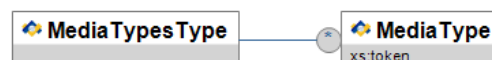
Figure A.148-1: MediaTypesType

Element/@Attribute	Char	Description	Type
MediaTypesType		Resource media types.	List
MediaType	OR	MIME type [MIME] based on IANA registration (see RFC2048) or 'non-digital'.	xs:token

Table A.148-1: MediaTypesType

A.149 MedicalAlertMessagesType
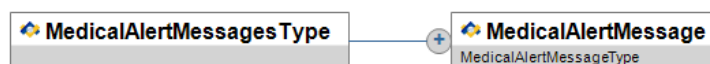
Figure A.149-1: MedicalAlertMessagesType

Element/@Attribute	Char	Description	Type
MedicalAlertMessagesType			List
MedicalAlertMessage	MR	Medical alert associated with the student.	MedicalAlertMessageType

Table A.149-1: MedicalAlertMessagesType

A.150 MedicalAlertMessageType

Medical alert associated with the student.
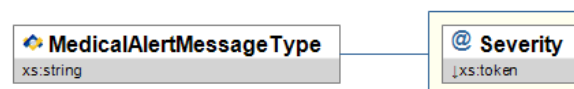
Figure A.150-1: MedicalAlertMessageType

Element/@Attribute	Char	Description	Type
MedicalAlertMessageType	MR	Medical alert associated with the student.	xs:string
@ Severity	M	The level of severity of this medical alert.	**values:** Low Moderate High Severe Unknown

Table A.150-1: MedicalAlertMessageType

A.151 MedicationListType

A list of Medications.
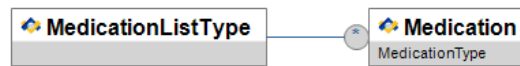
Figure A.151-1: MedicationListType

Element/@Attribute	Char	Description	Type
MedicationListType		A list of Medications.	List
Medication	OR		MedicationType

Table A.151-1: MedicationListType

A.152 MedicationType
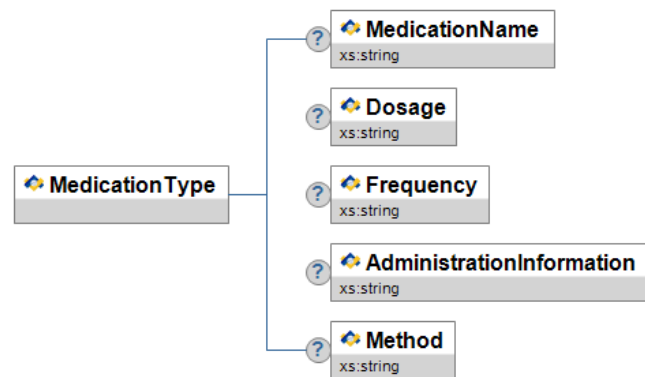
Figure A.152-1: MedicationType

Element/@Attribute	Char	Description	Type
MedicationType	OR		
MedicationName	O	Name of medication required for the student.	xs:string
Dosage	O	Dosage and strength of medication required for the student.	xs:string
Frequency	O	Frequency of Administration.	xs:string
AdministrationInformation	O	Information about how the medication is to be administered.	xs:string
Method	O	Method of administration.	xs:string

Table A.152-1: MedicationType

A.153 MediumOfInstructionType

Medium through which the student receives instructional communication from the teacher.
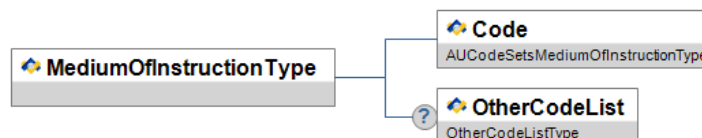
Figure A.153-1: MediumOfInstructionType

Element/@Attribute	Char	Description	Type
MediumOfInstructionType	O	Medium through which the student receives instructional communication from the teacher.	
Code	M	Code representing the medium of instruction.	`AUCodeSetsMediumOfInstructionType`
OtherCodeList	O		`OtherCodeListType`

Table A.153-1: MediumOfInstructionType

A.154 ModifiedListType

An ordered set of `Modified` elements describing which system modified the data, when the modification took place, and a brief description of the modification.

Figure A.154-1: ModifiedListType

Element/@Attribute	Char	Description	Type
ModifiedListType		An ordered set of `Modified` elements describing which system modified the data, when the modification took place, and a brief description of the modification.	`List`
Modified	OR	A single modification event.	`ModifiedType`

Table A.154-1: ModifiedListType

A.155 ModifiedType

A single modification event.
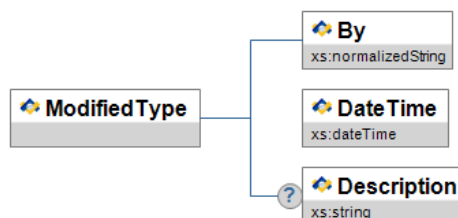
Figure A.155-1: ModifiedType

Element/@Attribute	Char	Description	Type
ModifiedType		A single modification event.	
By	M	Identifier of the system or person that modified the data.	`xs:normalizedString`
DateTime	M	The date/time the modification occurred.	`xs:dateTime`
Description	O	Human readable description of the data modifications.	`xs:string`

Table A.155-1: ModifiedType

A.156 MonetaryAmountType

A monetary amount.

Figure A.156-1: MonetaryAmountType

Element/@Attribute	Char	Description	Type
MonetaryAmountType		A monetary amount.	`xs:decimal`
@ Currency	O	Currency code. Where omitted, defaults to implementation-defined local currency, typically `USD` in the United States.	`ISO4217CurrencyNamesAndCodeElementsType`

Table A.156-1: MonetaryAmountType

A.157 MsgIdType

A message identifier.

Figure A.157-1: MsgIdType

Element/@Attribute	Char	Description	Type
MsgIdType		A message identifier.	GUIDType

Table A.157-1: MsgIdType

A.158 NameOfRecordType

Extends `BaseNameType` to allow for one `Type` attribute value, indicating the name is the name of record; serves as the primary name in some SIF objects, including `StudentPersonal`.

Figure A.158-1: NameOfRecordType

Element/@Attribute	Char	Description	Type
NameOfRecordType		Extends `BaseNameType` to allow for one `Type` attribute value, indicating the name is the name of record; serves as the primary name in some SIF objects, including `StudentPersonal`.	BaseNameType
@ Type	M	Code that specifies what type of name this is. Note that type "LGL" must be used here.	**values:** LGL Name of Record

Table A.158-1: NameOfRecordType

A.159 NameType

The Name element, which could belong to a student, staff member, contact, etc. This element or a form of this element with a subset of Type values occurs within objects such as StudentPersonal, StudentContactPersonal, StaffPersonal, etc.
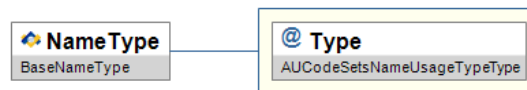
Figure A.159-1: NameType

Element/@Attribute	Char	Description	Type
NameType		The Name element, which could belong to a student, staff member, contact, etc. This element or a form of this element with a subset of Type values occurs within objects such as StudentPersonal, StudentContactPersonal, StaffPersonal, etc.	BaseNameType
@ Type	M	Code that specifies what type of name this is. If unsure, use `LGL`.	AUCodeSetsNameUsageTypeType

Table A.159-1: NameType

JSON   **XML**

```
<Name Type="LGL">
  <FamilyName>Woodall</FamilyName>
  <GivenName>Charles</GivenName>
  <MiddleName>William</MiddleName>
</Name>
```

Example A.159-1: NameType

A.160 NAPCodeFrameTestletListType
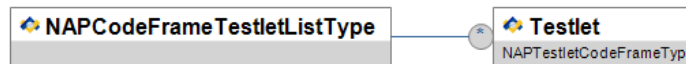
Figure A.160-1: NAPCodeFrameTestletListType

Element/@Attribute	Char	Description	Type
NAPCodeFrameTestletListType			List
Testlet	OR	Code Frame Testlet.	NAPTestletCodeFrameType

Table A.160-1: NAPCodeFrameTestletListType

A.161 NAPLANClassListType

Container for a list of classes a teacher may be responsible for with regard to NAPLAN only.
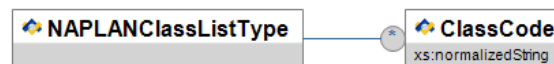
Figure A.161-1: NAPLANClassListType

Element/@Attribute	Char	Description	Type
NAPLANClassListType		Container for a list of classes a teacher may be responsible for with regard to NAPLAN only.	List
ClassCode	OR	The name of the class code the staff member administers, for the purposes of NAPLAN registration.	xs:normalizedString

Table A.161-1: NAPLANClassListType

A.162 NAPStudentResponseTestletListType
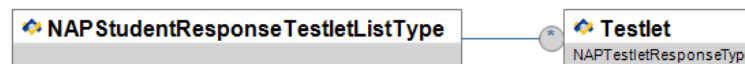
Figure A.162-1: NAPStudentResponseTestletListType

Element/@Attribute	Char	Description	Type
NAPStudentResponseTestletListType			List
Testlet	OR	Scores received by the student for each testlet in the test.	NAPTestletResponseType

Table A.162-1: NAPStudentResponseTestletListType

A.163 NAPSubscoreListType
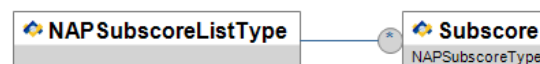
Figure A.163-1: NAPSubscoreListType

Element/@Attribute	Char	Description	Type
NAPSubscoreListType			List
Subscore	OR	Subscore	NAPSubscoreType

Table A.163-1: NAPSubscoreListType

A.164 NAPSubscoreType
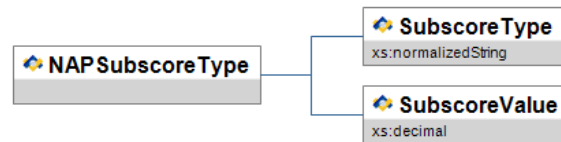
Figure A.164-1: NAPSubscoreType

Element/@Attribute	Char	Description	Type
NAPSubscoreType	OR		
SubscoreType	M	Subscoring category, under which student receives a mark contributing to the total mark.	xs:normalizedString
SubscoreValue	M	Student's mark received for this particular subscoring category.	xs:decimal

Table A.164-1: NAPSubscoreType

A.165 NAPTestContentType

Contents of an assessment assigned in the context of NAP, targeted at a particular domain and year level.
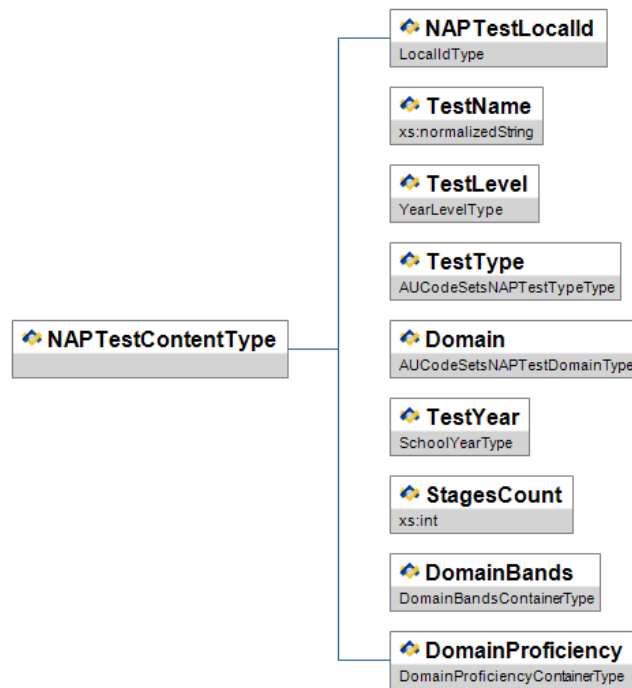
Figure A.165-1: NAPTestContentType

Element/@Attribute	Char	Description	Type
NAPTestContentType	M	Contents of an assessment assigned in the context of NAP, targeted at a particular domain and year level.	
NAPTestLocalId	M	Local identifier of NAP test.	LocalIdType
TestName	M	Name of the NAP test.	xs:normalizedString
TestLevel	M	Values: 3,5,7,9. The test level that the student is registering for.	YearLevelType
TestType	M	Type of NAP Test assigned in the session	AUCodeSetsNAPTestTypeType
Domain	M	Domain of the NAP test. Values: Writing, Reading, Language Conventions - Spelling, Language Conventions - Grammar and Punctuation, Numeracy.	AUCodeSetsNAPTestDomainType
TestYear	M	Year that testing took place, e.g. 2017.	SchoolYearType
StagesCount	M	Number of branching stages in the test; 1 for a flat test.	xs:int
DomainBands	M		DomainBandsContainerType
DomainProficiency	M		DomainProficiencyContainerType

Table A.165-1: NAPTestContentType

A.166 NAPTestItem2Type
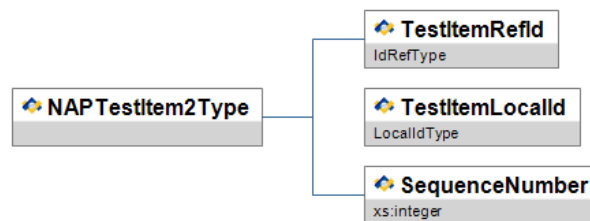
Figure A.166-1: NAPTestItem2Type

Element/@Attribute	Char	Description	Type
NAPTestItem2Type	OR		
TestItemRefId	M	The GUID that identifies the test item.	IdRefType
TestItemLocalId	M	Local identifier of the test item.	LocalIdType
SequenceNumber	M	Location of test item in testlet, as an ordinal.	xs:integer

Table A.166-1: NAPTestItem2Type

A.167 NAPTestItemContentType

Contents of a Test Item in the context of NAP.
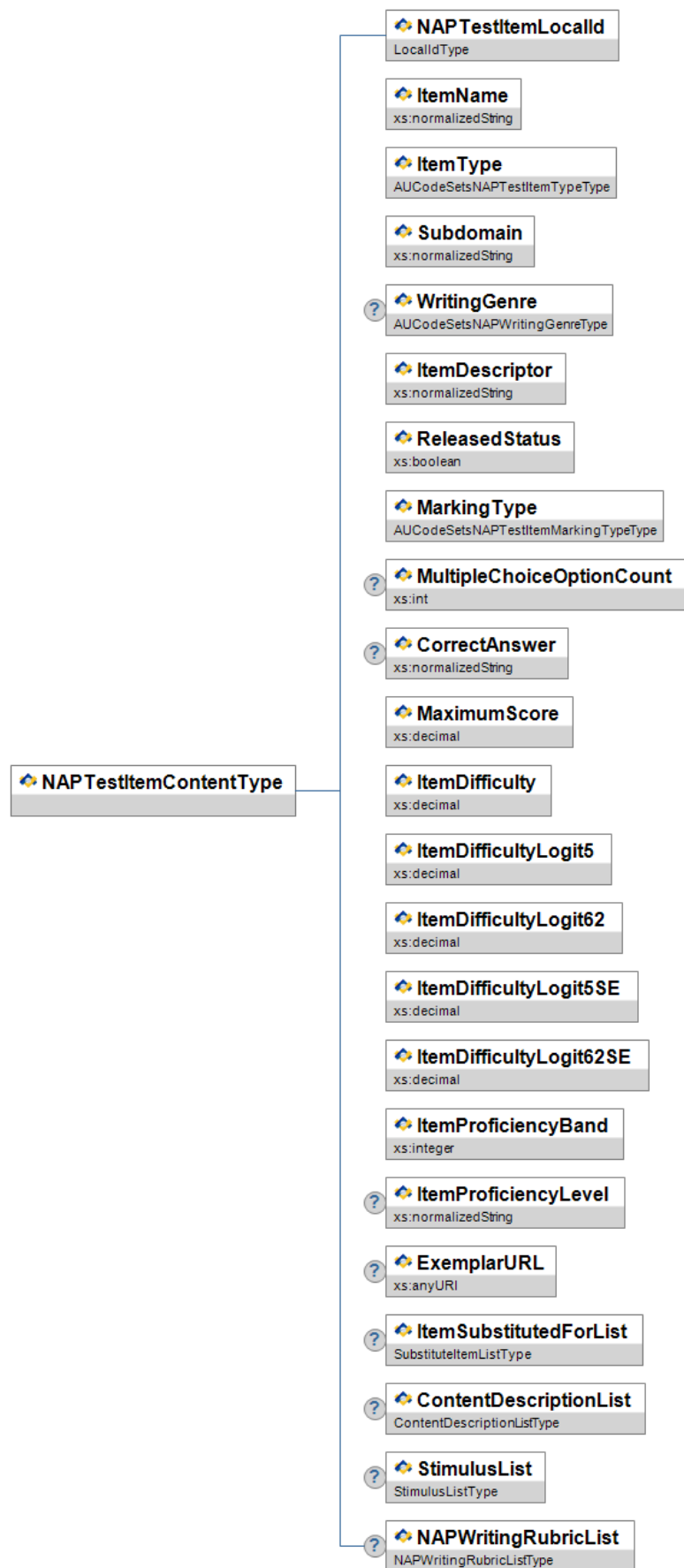
Figure A.167-1: NAPTestItemContentType

Element/@Attribute	Char	Description	Type
NAPTestItemContentType	M	Contents of a Test Item in the context of NAP.	
NAPTestItemLocalId	M	Local identifier of NAP test item.	LocalIdType
ItemName	M	Name of NAP test item.	xs:normalizedString
ItemType	M	Response type for the test item.	AUCodeSetsNAPTestItemTypeType
Subdomain	M	Subdomain descriptor for the test item.	xs:normalizedString
WritingGenre	O	Genre of writing for the test item. Values: Narrative, Persuasive.	AUCodeSetsNAPWritingGenreType
ItemDescriptor	M	Description of the test item.	xs:normalizedString
ReleasedStatus	M	Whether the test item has been publicly released.	xs:boolean
MarkingType	M	Method used to mark the test item. Values: AS Auto Scoring, MM Manual Marking, AES Auto Essay Scoring.	AUCodeSetsNAPTestItemMarkingTypeType
MultipleChoiceOptionCount	C	For multiple choice and multiple choices questions, the number of questions.	xs:int
CorrectAnswer	O	The correct answer to the test item.	xs:normalizedString
MaximumScore	M	Full marks allocated for correct response.	xs:decimal
ItemDifficulty	M	Item difficulty on same scale as Student Scaled Score.	xs:decimal
ItemDifficultyLogit5	M	Item difficulty in logits at 0.5 probability.	xs:decimal
ItemDifficultyLogit62	M	Item difficulty in logits at 0.62 probability.	xs:decimal
ItemDifficultyLogit5SE	M	Standard Error for item difficulty in logits at 0.5 probability.	xs:decimal
ItemDifficultyLogit62SE	M	Standard Error for item difficulty in logits at 0.62 probability.	xs:decimal
ItemProficiencyBand	M	The item proficiency band. Uses the same classification as Student Scaled Score.	xs:integer
ItemProficiencyLevel	O	The item proficiency level. Uses the same classification as Student Scaled Score.	xs:normalizedString
ExemplarURL	O	The publicly accessible location of an exemplar for the test item. Used if the test item itself has not been published.	xs:anyURI
ItemSubstitutedForList	O	List of the RefId of the main item(s) for which this is a Substitute item.	SubstituteItemListType

Element/@Attribute	Char	Description	Type
ContentDescriptionList	O	A list of Content descriptions in the Australian Curriculum that is relevant to the test item.	ContentDescriptionListType
StimulusList	O	List of Stimuli.	StimulusListType
NAPWritingRubricList	O	Writing Rubric List.	NAPWritingRubricListType

Table A.167-1: NAPTestItemContentType

A.168 NAPTestItemListType
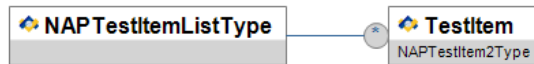
Figure A.168-1: NAPTestItemListType

Element/@Attribute	Char	Description	Type
NAPTestItemListType			List
TestItem	OR		NAPTestItem2Type

Table A.168-1: NAPTestItemListType

A.169 NAPTestletCodeFrameType
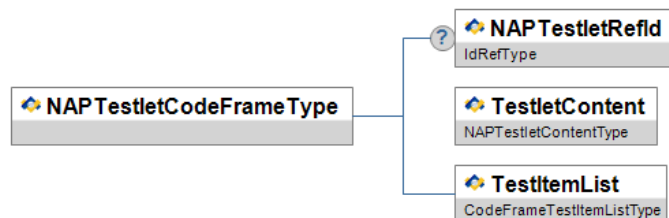
Figure A.169-1: NAPTestletCodeFrameType

Element/@Attribute	Char	Description	Type
NAPTestletCodeFrameType	OR		
NAPTestletRefId	O	GUID of Testlet object.	IdRefType
TestletContent	M	Contents of a Testlet in the context of NAP.	NAPTestletContentType
TestItemList	M	List of test items.	CodeFrameTestItemListType

Table A.169-1: NAPTestletCodeFrameType

A.170 NAPTestletContentType

Contents of a Testlet in the context of NAP.
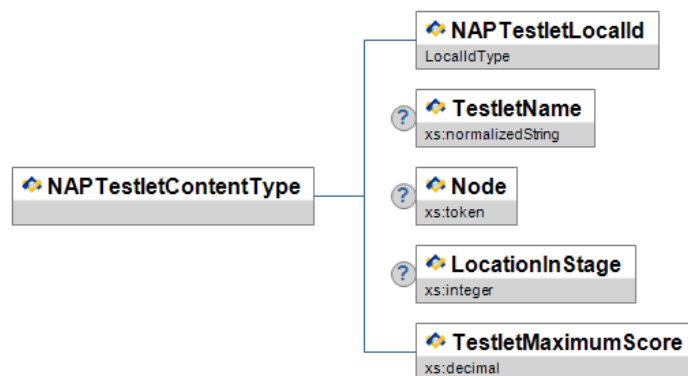
Figure A.170-1: NAPTestletContentType

Element/@Attribute	Char	Description	Type
NAPTestletContentType	M	Contents of a Testlet in the context of NAP.	
NAPTestletLocalId	M	Local identifier that identifies this NAP testlet.	LocalIdType
TestletName	O	Testlet name allocated at test construction.	xs:normalizedString
Node	O	Label of testlet used for testlet sequencing. Values: A,B,C,D,E,F,G.	xs:token
LocationInStage	O	Location of Testlet in stage.	xs:integer
TestletMaximumScore	M	Weighted Maximum score that a student can achieve in this testlet.	xs:decimal

Table A.170-1: NAPTestletContentType

A.171 NAPTestletItemResponseListType
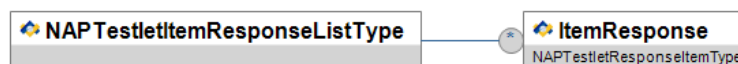
Figure A.171-1: NAPTestletItemResponseListType

Element/@Attribute	Char	Description	Type
NAPTestletItemResponseListType			List
ItemResponse	OR	Student's response to the test item.	NAPTestletResponseItemType

Table A.171-1: NAPTestletItemResponseListType

A.172 NAPTestletResponseItemType

Scores received by the student for teach item in the testlet

Figure A.172-1: NAPTestletResponseItemType

Element/@Attribute	Char	Description	Type
NAPTestletResponseItemType	OR	Scores received by the student for teach item in the testlet	
NAPTestItemRefId	O	The GUID that identifies this NAPLAN test item.	IdRefType
NAPTestItemLocalId	M	Local identifier for the test item.	LocalIdType
Response	O	Student's response to the test item; can include the HTML formatted original response for writing.	xs:string
ResponseCorrectness	M	After the test has been scored, this value will indicate the correctness of the response. This element will be missing if the response has not yet been scored. For open ended items that are scored using a rubric, this value will also likely be missing. These items do not fall nicely into the right/wrong category. If the Student Response Set is empty (Sanctioned Abandonment or Refusal), set to NotAttempted.	AUCodeSetsNAPResponseCorrectnessType
Score	O	Score received by student for item.	xs:decimal
LapsedTimeItem	O	Time taken for student to complete item.	xs:duration
SequenceNumber	M	Location of test item in testlet, as an ordinal.	xs:integer
ItemWeight	M	Weighting for item in calculation of raw scores for testlets, tests.	xs:decimal
SubscoreList	O	Subscores contributing to the total mark.	NAPSubscoreListType

Table A.172-1: NAPTestletResponseItemType

A.173 NAPTestletResponseType
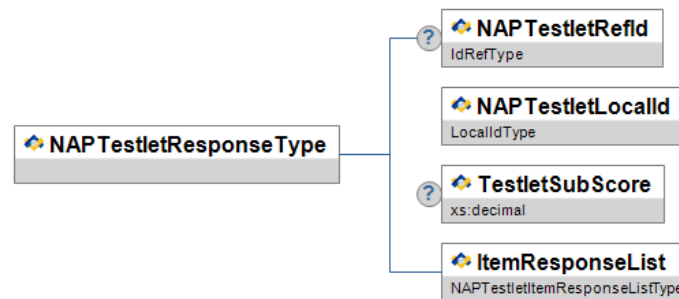
Figure A.173-1: NAPTestletResponseType

Element/@Attribute	Char	Description	Type
NAPTestletResponseType	OR		
NAPTestletRefId	O	The GUID for the testlet that the student is sitting. May be linking to prior codeframe download.	IdRefType
NAPTestletLocalId	M	Local identifier of NAP testlet.	LocalIdType
TestletSubScore	O	Weighted Total score across all Marked Student Responses for the testlet.	xs:decimal
ItemResponseList	M	List of item responses.	NAPTestletItemResponseListType

Table A.173-1: NAPTestletResponseType

A.174 NAPWritingRubricListType

Figure A.174-1: NAPWritingRubricListType

Element/@Attribute	Char	Description	Type
NAPWritingRubricListType			List
NAPWritingRubric	OR		NAPWritingRubricType

Table A.174-1: NAPWritingRubricListType

A.175 NAPWritingRubricType
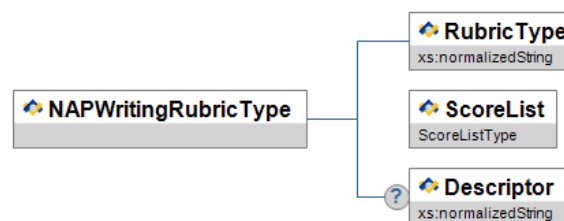
Figure A.175-1: NAPWritingRubricType

Element/@Attribute	Char	Description	Type
NAPWritingRubricType	OR		
RubricType	M	Category that rubric is scoring for.	xs:normalizedString
ScoreList	M	Category that rubric is scoring for.	ScoreListType
Descriptor	O	Descriptor of Score Point of Writing Rubric.	xs:normalizedString

Table A.175-1: NAPWritingRubricType

A.176 ObjectNameType

An unenumerated SIF object name.

Figure A.176-1: ObjectNameType

Element/@Attribute	Char	Description	Type
ObjectNameType		An unenumerated SIF object name.	xs:NCName / xs:maxLength 64

Table A.176-1: ObjectNameType

A.177 ObjectType

A SIF XML object.
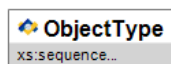
Figure A.177-1: ObjectType

Element/@Attribute	Char	Description	Type

ObjectType		A SIF XML object.	`<xs:sequence>`
			`  <xs:any processContents="lax" minOccurs="0" maxOccurs="unbounded" namespace="##any" />`
			`</xs:sequence>`

Table A.177-1: ObjectType

A.178 OnTimeGraduationYearType

First projected graduation year, usually determined when student commences secondary education (CCYY).
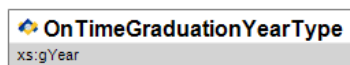
Figure A.178-1: OnTimeGraduationYearType

Element/@Attribute	Char	Description	Type
OnTimeGraduationYearType		First projected graduation year, usually determined when student commences secondary education (CCYY).	xs:gYear

Table A.178-1: OnTimeGraduationYearType

JSON 📋 **XML** 📋

```
<OnTimeGraduationYear>2006</OnTimeGraduationYear>
```

A.179 OperationalStatusType

This common element contains status information for an institution.

OperationalStatusType
AUCodeSetsOperationalStatusType
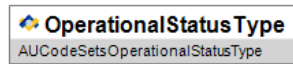
Figure A.179-1: OperationalStatusType

Element/@Attribute	Char	Description	Type
OperationalStatusType		Operational condition of an institution.	AUCodeSetsOperationalStatusType

Table A.179-1: OperationalStatusType

JSON **XML**

```
<OperationalStatus>O</OperationalStatus>
```
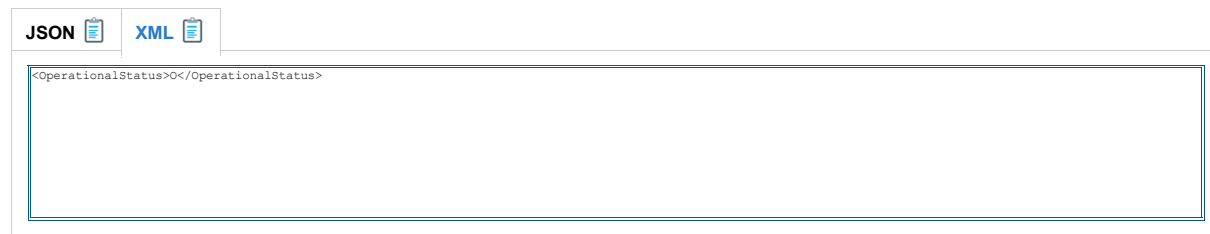
Example A.179-1: OperationalStatusType

A.180 OrganizationsType

OrganizationsType ─── **Organization**
xs:normalizedString
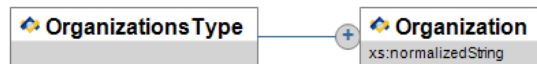
Figure A.180-1: OrganizationsType

Element/@Attribute	Char	Description	Type
OrganizationsType			List
Organization	MR	Name of organization represented by the document, i.e., "National Council of Teachers of Mathematics (NCTM)," "ACARA"," NSW DET".	xs:normalizedString

Table A.180-1: OrganizationsType

A.181 OtherCodeListType

List of other codes or strings that crosswalk to or serve as translations of the `Code` element paired with this common element. If `Code` changes and `OtherCode`s are supported, both `Code` and all associated `OtherCode` elements must be present.

OtherCodeListType ─── **OtherCode** ─── **@ Codeset**
xs:token   ↓xs:token

Figure A.181-1: OtherCodeListType

Element/@Attribute	Char	Description	Type
OtherCodeListType		List of other codes or strings that crosswalk to or serve as translations of the `Code` element paired with this common element. If `Code` changes and `OtherCode`s are supported, both `Code` and all associated `OtherCode` elements must be present.	`List`
OtherCode	MR	A state/province code, local code, other code or a text string that crosswalks to or serves as a translation of an associated `Code` element.	`xs:token`
@ Codeset	M	Describes the `OtherCode` element content as either a state/province code, a local code, other code, or text string.	**values:** `StateProvince` `Local` `Other` `Text`

Table A.181-1: OtherCodeListType

JSON 📋   **XML** 📋

```
<OtherCodeList>
  <OtherCode Codeset="Local">S</OtherCode>
  <OtherCode Codeset="Text">Semester</OtherCode>
</OtherCodeList>
```

Example A.181-1: OtherCodeListType

A.182 OtherIdListType

Lists all "other" identifiers associated with the entity.
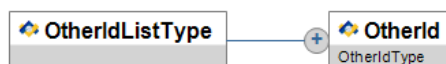
Figure A.182-1: OtherIdListType

Element/@Attribute	Char	Description	Type
OtherIdListType		Lists all "other" identifiers associated with the entity.	`List`
OtherId	MR	Lists an "other" identifier associated with the entity.	`OtherIdType`

Table A.182-1: OtherIdListType

A.183 OtherIdType

Lists an "other" identifier associated with the entity.

Figure A.183-1: OtherIdType

Element/@Attribute	Char	Description	Type
OtherIdType	MR	Lists an "other" identifier associated with the entity.	`xs:normalizedString`
@ Type	M	Code that defines the type of this other ID.	`xs:normalizedString`

Table A.183-1: OtherIdType

A.184 OtherNamesType

Previous, alternate or other names or aliases associated with a person.

Figure A.184-1: OtherNamesType

Element/@Attribute	Char	Description	Type
OtherNamesType		Previous, alternate or other names or aliases associated with a person.	List
Name	MR	Name of the person. Note: Type value of LGL may not occur here.	OtherNameType

Table A.184-1: OtherNamesType

JSON 📋   **XML** 📋

```
<OtherNames>
    <Name Type="AKA">
        <FamilyName>Anderson</FamilyName>
        <GivenName>Samuel</GivenName>
        <FullName>Samuel Anderson</FullName>
    </Name>
    <Name Type="PRF">
        <FamilyName>Rowinski</FamilyName>
        <GivenName>Sam</GivenName>
        <FullName>Sam Rowinski </FullName>
    </Name>
</OtherNames>
```

Example A.184-1: OtherNamesType

A.185 OtherNameType

Extends BaseNameType to allow for Type attribute values excluding "name of record." Used for other names to be included in addition to the name of record in objects.

Figure A.185-1: OtherNameType

Element/@Attribute	Char	Description	Type
OtherNameType		Extends BaseNameType to allow for Type attribute values excluding "name of record." Used for other names to be included in addition to the name of record in objects.	BaseNameType
@ Type	M	Code that specifies what type of name this is. Note that type "LGL" is NOT to be used here.	AUCodeSetsNameUsageTypeType

Table A.185-1: OtherNameType

A.186 OtherWellbeingResponseContainerType

Container for details of any other response that can not be classified by previous types.
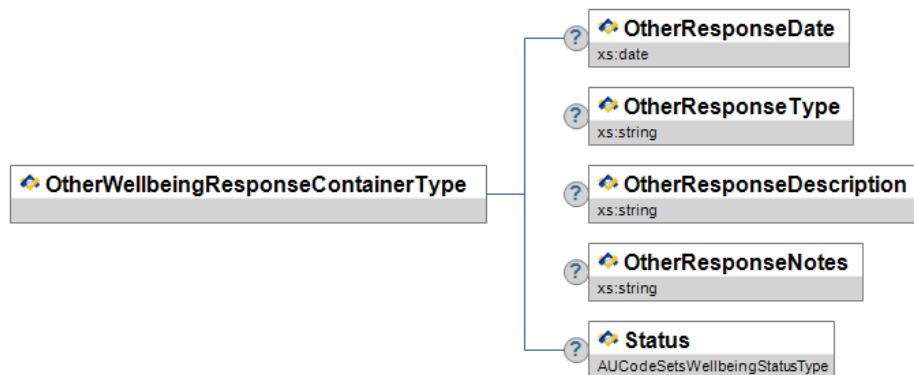
Figure A.186-1: OtherWellbeingResponseContainerType

Element/@Attribute	Char	Description	Type
OtherWellbeingResponseContainerType		Container for details of any other response that can not be classified by previous types.	
OtherResponseDate	O	Date of the other response	`xs:date`
OtherResponseType	O	Details of any other response that can not be classified by previous types.	`xs:string`
OtherResponseDescription	O	Description of the other response.	`xs:string`
OtherResponseNotes	O	Any comments/notes associated with the other response.	`xs:string`
Status	O	Current Status.	`AUCodeSetsWellbeingStatusType`

Table A.186-1: OtherWellbeingResponseContainerType

A.187 PartialDateType

A year, with an optional month/day, or an optional month by itself.
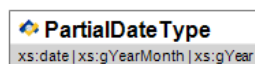
Figure A.187-1: PartialDateType

Element/@Attribute	Char	Description	Type

PartialDateType		A year, with an optional month/day, or an optional month by itself.	**union of:**
			`xs:date`
			`xs:gYearMonth`
			`xs:gYear`

Table A.187-1: PartialDateType

A.188 PasswordListType

Allows a provider or publisher to specify the same password using multiple algorithms, if supported.
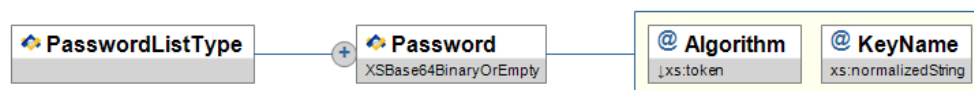
Figure A.188-1: PasswordListType

Element/@Attribute	Char	Description	Type
PasswordListType		Allows a provider or publisher to specify the same password using multiple algorithms, if supported.	`List`
Password	MR	A representation of the user's password using the given algorithm.	`xs:base64Binary`

@ Algorithm	M	The method used to encrypt the user's password. See the implementation details below.	**values:**
			`MD5`
			`SHA1`
			`DES`
			`TripleDES`
			`RC2`
			`AES`
			`RSA`

@ KeyName	M	The name of the key to be used for decryption of the password. Left blank for hash algorithms (MD5 and SHA1).	`xs:normalizedString`

Table A.188-1: PasswordListType

A.189 PaymentReceiptLineListType

List Invoices and reference information associated with this payment if more than one required.
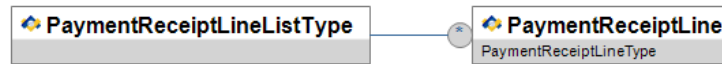
Figure A.189-1: PaymentReceiptLineListType

Element/@Attribute	Char	Description	Type
PaymentReceiptLineListType		List Invoices and reference information associated with this payment if more than one required.	List
PaymentReceiptLine	OR	A pointer back to the Invoice object corresponding to this payment. Is omitted for general ledger transactions, creditor receipts and debtor payments.	PaymentReceiptLineType

Table A.189-1: PaymentReceiptLineListType

A.190 PaymentReceiptLineType

Reference information associated with this payment line.
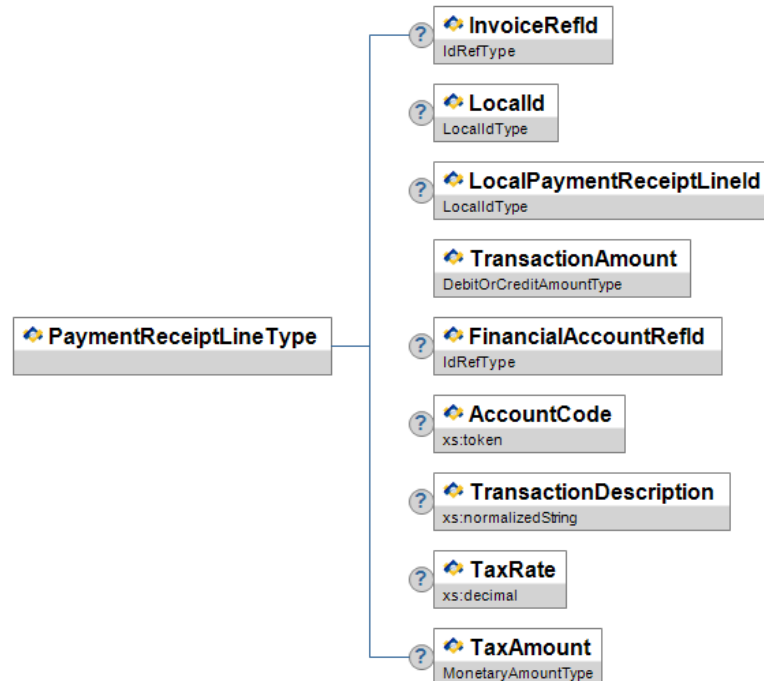
Figure A.190-1: PaymentReceiptLineType

Element/@Attribute	Char	Description	Type
PaymentReceiptLineType		Reference information associated with this payment line.	
InvoiceRefId	O	A pointer back to the Invoice object corresponding to this payment. Is omitted for general ledger transactions, creditor receipts and debtor payments.	IdRefType
LocalId	O	The Local Id of the invoice associated with the payment.	LocalIdType
LocalPaymentReceiptLineId	O	The Local Id of the Payment Receipt Line.	LocalIdType
TransactionAmount	M	Line amount.	DebitOrCreditAmountType
FinancialAccountRefId	O	Financial Account link via RefId.	IdRefType
AccountCode	O	Account code charged to this item.	xs:token
TransactionDescription	O	Description of the transaction line.	xs:normalizedString
TaxRate	O	Rate of tax included in the billed line amount.	xs:decimal
TaxAmount	O	Amount of tax included in the billed line amount.	MonetaryAmountType

Table A.190-1: PaymentReceiptLineType

A.191 PeriodAttendancesType

Breakdown of grouped period attendance.
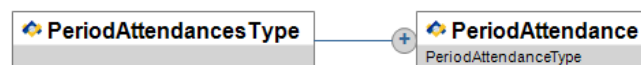
Figure A.191-1: PeriodAttendancesType

Element/@Attribute	Char	Description	Type
PeriodAttendancesType		Breakdown of grouped period attendance.	List
PeriodAttendance	MR	Recording of period level attendance for a student.	PeriodAttendanceType

Table A.191-1: PeriodAttendancesType

A.192 PeriodAttendanceType

This container type allows recording of period level attendance for a student.
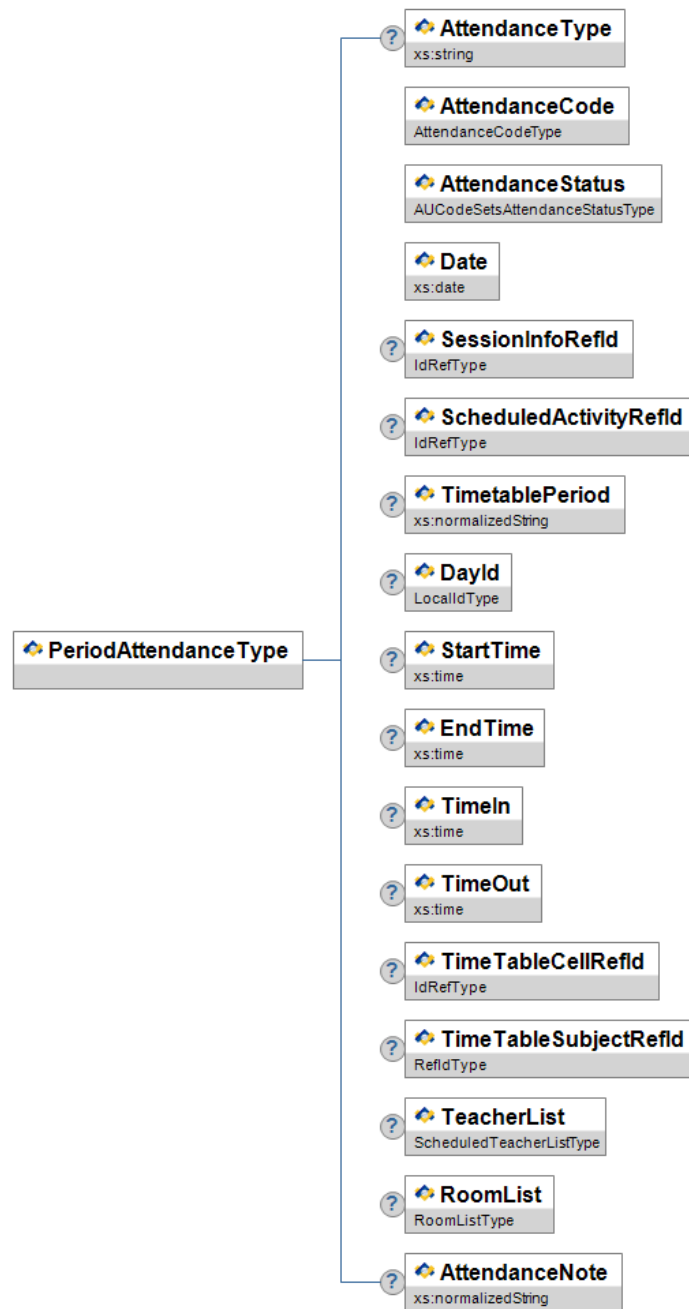
Figure A.192-1: PeriodAttendanceType

Element/@Attribute	Char	Description	Type
PeriodAttendanceType	MR	This container type allows recording of period level attendance for a student.	
AttendanceType	O	Nature of the attendance e.g. 'Taken at Roll Call'	xs:string
AttendanceCode	M	Locally defined code for attendance.	AttendanceCodeType
AttendanceStatus	M	Approved or Unapproved status of this attendance code.	AUCodeSetsAttendanceStatusType
Date	M	The date of the attendance event.	xs:date
SessionInfoRefId	O	The GUID of the session that this attendance applies to.	IdRefType
ScheduledActivityRefId	O	The GUID of the ScheduledActivity Object attendance applies to.	IdRefType
TimetablePeriod	O	The period within which attendance is being reported, e.g. "4D".	xs:normalizedString
DayId	O	Day Id.	LocalIdType
StartTime	O	Optional Start Time of Curriculum Session	xs:time
EndTime	O	Optional End Time of Curriculum Session	xs:time
TimeIn	O	The time the student entered or returned to this class.	xs:time
TimeOut	O	The time the student left this class.	xs:time
TimeTableCellRefId	O	The (GUID) of the piece of Curriculum (TT Grid) scheduled	IdRefType
TimeTableSubjectRefId	O	RefId of TimeTableSubject	RefIdType
TeacherList	O	List of teachers	ScheduledTeacherListType
RoomList	O	List of rooms	RoomListType
AttendanceNote	O	Note related to this particular attendance.	xs:normalizedString

Table A.192-1: PeriodAttendanceType

A.193 PersonInfoType
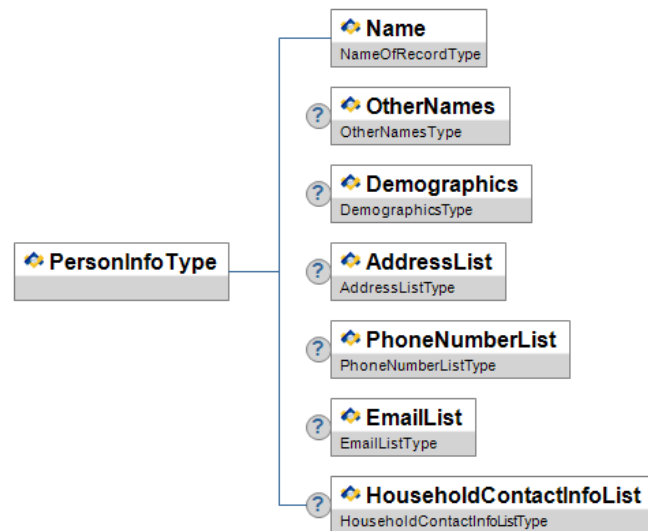
Figure A.193-1: PersonInfoType

Element/@Attribute	Char	Description	Type
PersonInfoType			
Name	M	The name of the person. Note: Type attribute value of LGL must be used here.	NameOfRecordType
OtherNames	O	Previous, alternate or other names or aliases associated with the person.	OtherNamesType
Demographics	O	Demographic information about the person.	DemographicsType
AddressList	O	The person's address(es).	AddressListType
PhoneNumberList	O	The person's phone number(s).	PhoneNumberListType
EmailList	O	The person's e-mail address(es).	EmailListType
HouseholdContactInfoList	O	The person's household/s contact information.	HouseholdContactInfoListType

Table A.193-1: PersonInfoType

JSON 🗒 **XML** 🗒

```xml
<PersonInfo>
  <Name Type="LGL">
    <FamilyName>Smith</FamilyName>
    <GivenName>Fred</GivenName>
    <FullName>Fred Smith</FullName>
  </Name>
  <OtherNames>
    <Name Type="AKA">
      <FamilyName>Anderson</FamilyName>
      <GivenName>Samuel</GivenName>
      <FullName>Samuel Anderson</FullName>
    </Name>
    <Name Type="PRF">
      <FamilyName>Rowinski</FamilyName>
      <GivenName>Sam</GivenName>
      <FullName>Sam Rowinski </FullName>
    </Name>
  </OtherNames>
  <Demographics>
    <IndigenousStatus>3</IndigenousStatus>
    <Sex>1</Sex>
    <BirthDate>1990-09-26</BirthDate>
    <BirthDateVerification>1004</BirthDateVerification>
    <PlaceOfBirth>Clayton</PlaceOfBirth>
    <StateOfBirth>VIC</StateOfBirth>
    <CountryOfBirth>1101</CountryOfBirth>
    <CountriesOfCitizenship>
      <CountryOfCitizenship>8104</CountryOfCitizenship>
      <CountryOfCitizenship>1101</CountryOfCitizenship>
```

Example A.193-1: PersonInfo Example

A.194 PersonInvolvementListType

List of People involved in the Wellbeing event/response. Mandatory if more people than the student to which this event/response occurs is involved.
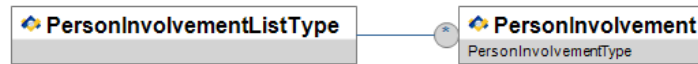
Figure A.194-1: PersonInvolvementListType

Element/@Attribute	Char	Description	Type
PersonInvolvementListType		List of People involved in the Wellbeing event/response. Mandatory if more people than the student to which this event/response occurs is involved.	List
PersonInvolvement	OR	A person (additional to the student) involved in a Wellbeing event/response where required to be known.	PersonInvolvementType

Table A.194-1: PersonInvolvementListType

A.195 PersonInvolvementType

A person (additional to the student) involved in a Wellbeing event/response where required to be known.
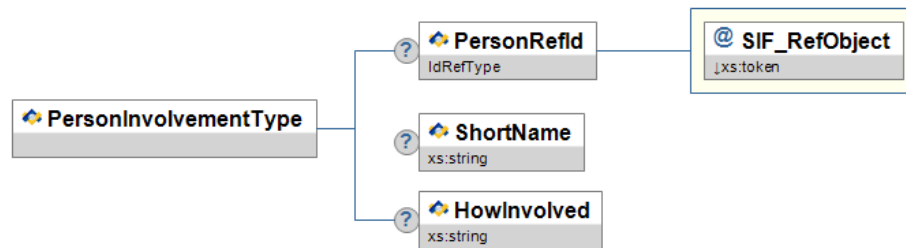
Figure A.195-1: PersonInvolvementType

Element/@Attribute	Char	Description	Type
PersonInvolvementType	OR	A person (additional to the student) involved in a Wellbeing event/response where required to be known.	
PersonRefId	O	The RefId of the Person involved in the event, can be supplied if the Person is already a staff, student or student contact.	IdRefType
@ SIF_RefObject	M	The type of SIF object that the `PersonRefId` attribute identifies.	values: StudentPersonal StaffPersonal StudentContactPersonal
ShortName	O	Optional free text name for a person, usually only used where the person does not have a personal record with a RefId.	xs:string
HowInvolved	O	Optional free text detailing involvement.	xs:string

Table A.195-1: PersonInvolvementType

A.196 PhoneNumberListType

Lists phone numbers associated with an entity.

Figure A.196-1: PhoneNumberListType

Element/@Attribute	Char	Description	Type
PhoneNumberListType		Lists phone numbers associated with an entity.	List
PhoneNumber	MR	Phone numbers associated with an entity.	PhoneNumberType

Table A.196-1: PhoneNumberListType

JSON 📋   **XML** 📋

```
<PhoneNumberList>
  <PhoneNumber Type="0096">
    <Number>(03) 9543 2000</Number>
  </PhoneNumber>
</PhoneNumberList>
```

Example A.196-1: PhoneNumberListType

A.197 PhoneNumberType

This element represents a phone number and occurs within objects such as StudentPersonal, StaffPersonal, etc.
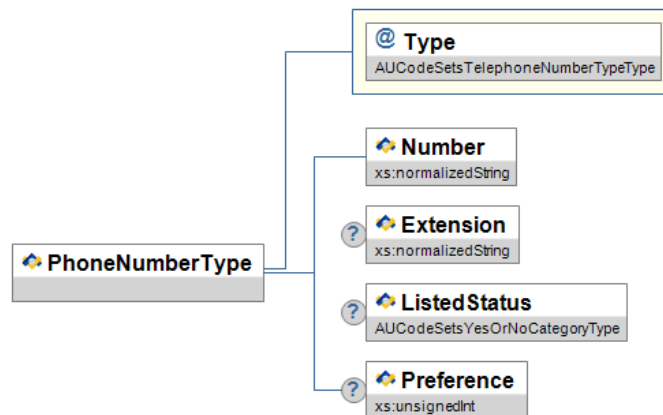
Figure A.197-1: PhoneNumberType

Element/@Attribute	Char	Description	Type
PhoneNumberType		This element represents a phone number and occurs within objects such as StudentPersonal, StaffPersonal, etc.	
@ Type	M	Code that specifies what type of phone number this is. Note: A subset of valid values may be specified in data objects.	AUCodeSetsTelephoneNumberTypeType
Number	M	Phone number. Free-form, but typical Australian formats include: • (###) ####-#### • ####-#### • +##### ### ###	xs:normalizedString
Extension	O	Phone number extension.	xs:normalizedString
ListedStatus	O	Indicates whether or not the phone number is available to the public.	AUCodeSetsYesOrNoCategoryType
Preference	O	Preference number indicating an order in which phone numbers should be used when contacting person.	xs:unsignedInt

Table A.197-1: PhoneNumberType

```
<PhoneNumber         XML 📋        Number>
  <Number>(0.                      
  <Extension:                 n>
</PhoneNumber>
```

Example A.197-1: PhoneNumberType

A.198 PlanRequiredContainerType

Container for Information outlining details of a possible Plan. A Personalised Plan will be referenced by a separate Object.
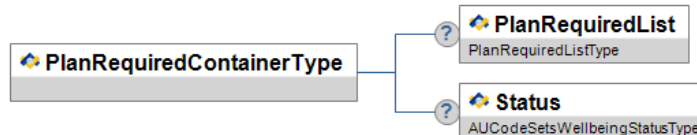
Figure A.198-1: PlanRequiredContainerType

Element/@Attribute	Char	Description	Type
PlanRequiredContainerType		Container for Information outlining details of a possible Plan. A Personalised Plan will be referenced by a separate Object.	
PlanRequiredList	O	List to contain information of any plans that may eventuate.	PlanRequiredListType
Status	O	Current Status.	AUCodeSetsWellbeingStatusType

Table A.198-1: PlanRequiredContainerType

A.199 PlanRequiredListType

List to contain information of any plans that may eventuate.
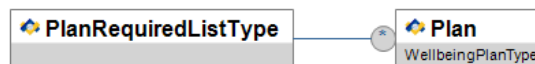
Figure A.199-1: PlanRequiredListType

Element/@Attribute	Char	Description	Type
PlanRequiredListType		List to contain information of any plans that may eventuate.	List
Plan	OR	Repeatable plan information.	WellbeingPlanType

Table A.199-1: PlanRequiredListType

A.200 PlausibleScaledValueListType

Figure A.200-1: PlausibleScaledValueListType

Element/@Attribute	Char	Description	Type
PlausibleScaledValueListType			List
PlausibleScaledValue	OR	Plausible values used for reporting to determine cut points, there are 5 per student per domain.	xs:decimal

Table A.200-1: PlausibleScaledValueListType

A.201 PNPCodeListType

Figure A.201-1: PNPCodeListType

Element/@Attribute	Char	Description	Type
PNPCodeListType	O		List
PNPCode	OR	Personal Needs and Preferences Code(s) applied to the domain.	AUCodeSetsPNPCodeType

Table A.201-1: PNPCodeListType

A.202 PrerequisitesType

Skills or competencies the student must have to engage in activity.
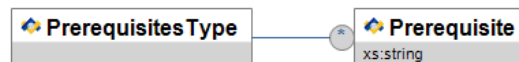
Figure A.202-1: PrerequisitesType

Element/@Attribute	Char	Description	Type
PrerequisitesType		Skills or competencies the student must have to engage in activity.	List
Prerequisite	OR	Skill or competency the student must have to engage in activity.	xs:string

Table A.202-1: PrerequisitesType

A.203 PrincipalInfoType

Information about the campus or school principal.
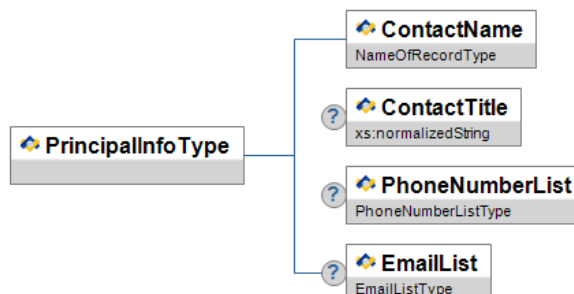
Figure A.203-1: PrincipalInfoType

Element/@Attribute	Char	Description	Type
PrincipalInfoType	O	Information about the campus or school principal.	
ContactName	M	The name of the principal.	NameOfRecordType
ContactTitle	O	The principal's title.	xs:normalizedString
PhoneNumberList	O	The principal's phone number(s).	PhoneNumberListType
EmailList	O	The principal's e-mail address(es).	EmailListType

Table A.203-1: PrincipalInfoType

JSON 📋   **XML** 📋

```
<PrincipalInfo>
   <ContactName Type="LGL">
      <Title>Mr</Title>
      <FamilyName>Miller</FamilyName>
      <GivenName>James</GivenName>
      <MiddleName>Frank</MiddleName>
      <Suffix>Jr.</Suffix>
      <FullName>Mr James Frank Miller Jr.</FullName>
   </ContactName>
   <ContactTitle>School Principal</ContactTitle>
   <PhoneNumberList>
      <PhoneNumber Type="0096">
         <Number>03 9637-2000</Number>
         <Extension>72345</Extension>
         <ListedStatus>Y</ListedStatus>
      </PhoneNumber>
   </PhoneNumberList>
   <EmailList>
      <Email Type="01">jmiller@lsc.vic.edu.au</Email>
      <Email Type="02">jmiller@yahoo.com.au</Email>
   </EmailList>
</PrincipalInfo>
```

Example A.203-1: PrincipalInfoType

A.204 ProgramAvailabilityType
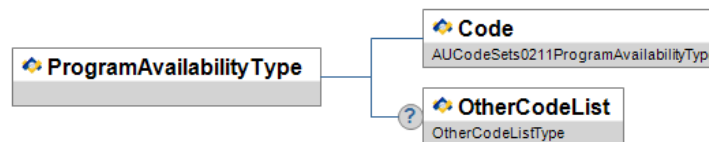
Figure A.204-1: ProgramAvailabilityType

Element/@Attribute	Char	Description	Type
ProgramAvailabilityType	O		
Code	M	Describes the availability of the program.	AUCodeSets0211ProgramAvailabilityType
OtherCodeList	O	List of other codes or strings that crosswalk to or serve as translations of the Code element paired with this common element. If Code changes and OtherCodes are supported, both Code and all associated OtherCode elements must be present. .	OtherCodeListType

Table A.204-1: ProgramAvailabilityType

A.205 ProgramFundingSourcesType

List of funding sources
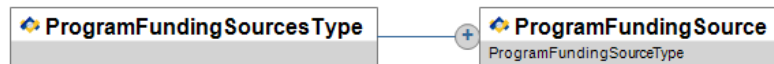
Figure A.205-1: ProgramFundingSourcesType

Element/@Attribute	Char	Description	Type
ProgramFundingSourcesType		List of funding sources	List
ProgramFundingSource	MR	Funding source of the special program	ProgramFundingSourceType

Table A.205-1: ProgramFundingSourcesType

A.206 ProgramFundingSourceType

Funding source of the special program
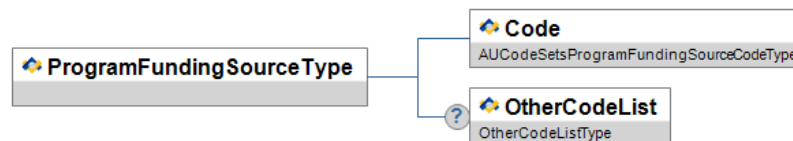
Figure A.206-1: ProgramFundingSourceType

Element/@Attribute	Char	Description	Type
ProgramFundingSourceType	MR	Funding source of the special program	
Code	M	Funding source for the program, may be more than one.	AUCodeSetsProgramFundingSourceCodeType
OtherCodeList	O	List of other codes or strings that crosswalk to or serve as translations of the Code element paired with this common element. If Code changes and OtherCodes are supported, both Code and all associated OtherCode elements must be present.	OtherCodeListType

Table A.206-1: ProgramFundingSourceType

A.207 ProgramStatusType
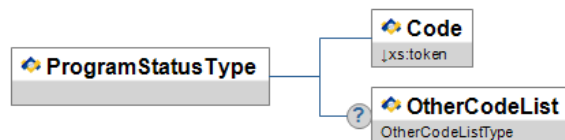
Figure A.207-1: ProgramStatusType

Element/@Attribute	Char	Description	Type
ProgramStatusType			
Code	M	The current status of the student's program participation.	**values:** S001 Referred S002 Eligible S003 Not Eligible S004 Active S005 Exited S006 Withdrew/refused 9999 Other
OtherCodeList	O		OtherCodeListType

Table A.207-1: ProgramStatusType

JSON	XML

```
<ProgramStatus>
  <Code>S004</Code>
</ProgramStatus>
```

Example A.207-1: ProgramStatusType

A.208 ProjectedGraduationYearType

Currently projected graduation year.
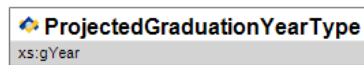
Figure A.208-1: ProjectedGraduationYearType

Element/@Attribute	Char	Description	Type
ProjectedGraduationYearType		Currently projected graduation year (CCYY).	xs:gYear

Table A.208-1: ProjectedGraduationYearType

JSON ☐ **XML** ☐

```
<ProjectedGraduationYear>2006</ProjectedGraduationYear>
```

Example A.208-1: ProjectedGraduationYearType

A.209 PromotionInfoType

Information on a student's promotion, retention, or demotion related to this enrollment instance.

Figure A.209-1: PromotionInfoType

Element/@Attribute	Char	Description	Type
PromotionInfoType	O	Information on a student's promotion, retention, or demotion related to this enrollment instance.	
PromotionStatus	O	This value should be set if this enrollment instance is closed for an end-of-year closeout or a mid-year promotion or demotion. A value other than NA should be specified when the enrollment instance represents an end-of-year closeout or mid-year promotion/demotion.	**values:** Promoted Demoted Retained NA

Table A.209-1: PromotionInfoType

A.210 PublishInDirectoryType

This is a common element used to specify whether or not information (e.g., contact information) should be published in a directory.
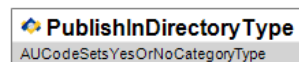
Figure A.210-1: PublishInDirectoryType

Element/@Attribute	Char	Description	Type
PublishInDirectoryType		Indicates whether or not information should be published in a directory.	AUCodeSetsYesOrNoCategoryType

Table A.210-1: PublishInDirectoryType

JSON ☐ **XML** ☐

```
<PublishInDirectory>Y</PublishInDirectory>
```

A.211 PublishingPermissionListType

List of publishing permissions.
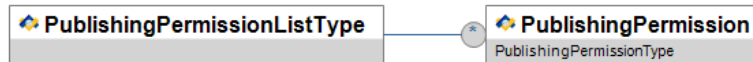
Figure A.211-1: PublishingPermissionListType

Element/@Attribute	Char	Description	Type
PublishingPermissionListType		List of publishing permissions.	List
PublishingPermission	OR	Publishing permission.	PublishingPermissionType

Table A.211-1: PublishingPermissionListType

A.212 PublishingPermissionType

.
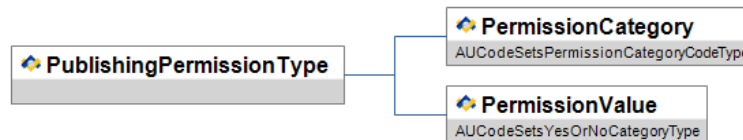
Figure A.212-1: PublishingPermissionType

Element/@Attribute	Char	Description	Type
PublishingPermissionType		.	
PermissionCategory	M	What is the category of the permission is? Code set driven so permissions can increase as required.	AUCodeSetsPermissionCategoryCodeType
PermissionValue	M	Actual value of the Permission.	AUCodeSetsYesOrNoCategoryType

Table A.212-1: PublishingPermissionType

JSON 📋　　**XML** 📋

```
<PublishingPermission>
   <PermissionCategory>OKPrintedMaterial</PermissionCategory>
   <PermissionValue>Y</PermissionValue>
</PublishingPermission>
```

Example A.212-1: PublishingPermission

A.213 PurchasingItemsType

Listing of line items from original purchase order. Included to indicate any variation between the items, item cost, or item quantity ordered, and what has been delivered.
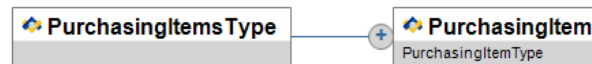
Figure A.213-1: PurchasingItemsType

Element/@Attribute	Char	Description	Type
PurchasingItemsType		Listing of line items from original purchase order. Included to indicate any variation between the items, item cost, or item quantity ordered, and what has been delivered.	List
PurchasingItem	MR	Contains information about the item delivered.	PurchasingItemType

Table A.213-1: PurchasingItemsType

A.214 PurchasingItemType

Contains information about the item delivered.
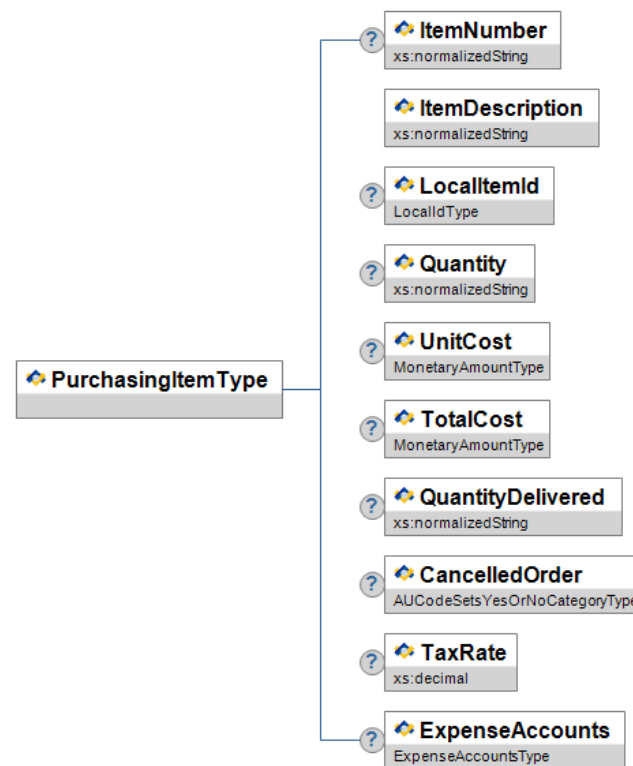
Figure A.214-1: PurchasingItemType

Element/@Attribute	Char	Description	Type
PurchasingItemType	MR	Contains information about the item delivered.	
ItemNumber	O	Vendor item number.	xs:normalizedString
ItemDescription	M	Description of the item.	xs:normalizedString
LocalItemId	O	The Local Id of this purchasing item.	LocalIdType
Quantity	O	Quantity delivered.	xs:normalizedString
UnitCost	O	Unit cost of the item.	MonetaryAmountType
TotalCost	O	Total cost of the item.	MonetaryAmountType
QuantityDelivered	O	Quantity delivered to date.	xs:normalizedString
CancelledOrder	O	Indicates that the line item in the purchase order is a cancellation of a previous order, to prevent it from remaining outstanding. For example, if 10 widgets have been ordered, and only 7 widgets have been delivered, a new purchase order can be issued for 3 widgets; enabling this flag indicates that the order for the remaining 3 widgets is to be cancelled.	AUCodeSetsYesOrNoCategoryType
TaxRate	O	Rate of tax included in the billed amount for the item.	xs:decimal
ExpenseAccounts	O	Account/s to be charged for the item	ExpenseAccountsType

Table A.214-1: PurchasingItemType

A.215 RecognitionListType

List of awards and other types of recognition given to the student for this activity.
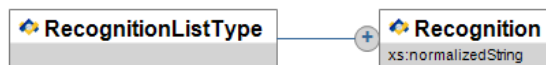
Figure A.215-1: RecognitionListType

Element/@Attribute	Char	Description	Type
RecognitionListType		List of awards and other types of recognition given to the student for this activity.	List
Recognition	MR	The nature of recognition given to the student for the successful completion of work in a co-curricular or extra-curricular activity.	xs:normalizedString

Table A.215-1: RecognitionListType

A.216 ReferenceDataType

References external content via a URL.
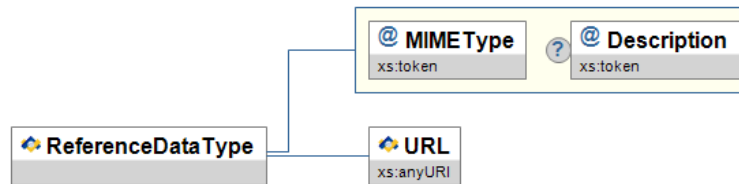
Figure A.216-1: ReferenceDataType

Element/@Attribute	Char	Description	Type
ReferenceDataType		References external content via a URL.	
@ MIMEType	M	MIME type to indicate the content type to be expected when retrieving the external content.	`xs:token`
@ Description	O	Contains an optional description of the content or a processing hint with regard to its structure (e.g. named standard, file layout or XSD). Contents may be mandated in instances of this type, or types that follow the `AbstractContentPackageType` pattern.	`xs:token`
URL	M	Location of external content.	`xs:anyURI`

Table A.216-1: ReferenceDataType

A.217 ReferralSourceType
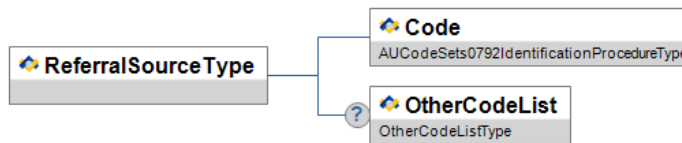
Figure A.217-1: ReferralSourceType

Element/@Attribute	Char	Description	Type
ReferralSourceType	O		
Code	M	The method by which a student was identified for referral to a particular program.	`AUCodeSets0792IdentificationProcedureType`
OtherCodeList	O	List of other codes or strings that crosswalk to or serve as translations of the Code element paired with this common element. If Code changes and OtherCodes are supported, both Code and all associated OtherCode elements must be present.	`OtherCodeListType`

Table A.217-1: ReferralSourceType

A.218 RefIdType

An object or element identifier.
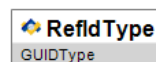
Figure A.218-1: RefIdType

Element/@Attribute	Char	Description	Type
RefIdType		An object or element identifier.	`GUIDType`

Table A.218-1: RefIdType

A.219 RelatedLearningStandardItemRefIdListType

Container for external relationships.
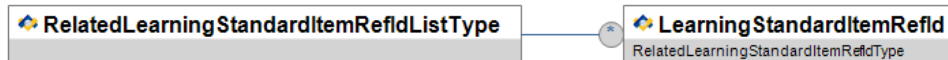
Figure A.219-1: RelatedLearningStandardItemRefIdListType

Element/@Attribute	Char	Description	Type
RelatedLearningStandardItemRefIdListType		Container for external relationships.	List
LearningStandardItemRefId	OR	A relationship between the current standard item and another standard item.	RelatedLearningStandardItemRefIdType

Table A.219-1: RelatedLearningStandardItemRefIdListType

A.220 RelatedLearningStandardItemRefIdType

A relationship between the current standard item and another standard item.

Figure A.220-1: RelatedLearningStandardItemRefIdType

Element/@Attribute	Char	Description	Type
RelatedLearningStandardItemRefIdType	OR	A relationship between the current standard item and another standard item.	IdRefType
@ RelationshipType	M	Type of the relationship between the current standard and the target standard. The value identifies the type of standard of the target item. The purpose of this information is to allow applications to sort/display these relationships in the appropriate context.	**union of:** AUCodeSetsLearningStandardItemRelationshipTypesType xs:token

Table A.220-1: RelatedLearningStandardItemRefIdType

A.221 RelationshipType

Code that defines the relationship of one person to another.
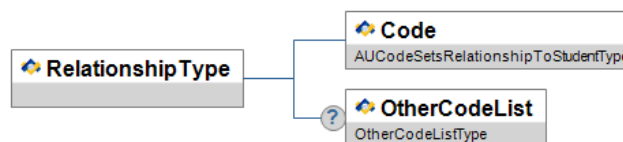
Figure A.221-1: RelationshipType

Element/@Attribute	Char	Description	Type
RelationshipType		Code that defines the relationship of one person to another.	
Code	M	Code representing the relationship.	AUCodeSetsRelationshipToStudentType
OtherCodeList	O	List of other codes or strings that crosswalk to or serve as translations of the Code element paired with this common element. If Code changes and OtherCodes are supported, both Code and all associated OtherCode elements must be present.	OtherCodeListType

Table A.221-1: RelationshipType

JSON 📄	XML 📄

```
<Relationship>
  <Code>01</Code>
</Relationship>
```

A.222 ReligionType

Type of Religion if any

Figure A.222-1: ReligionType

Element/@Attribute	Char	Description	Type
ReligionType	O	Type of Religion if any	
Code	M	Religion Code	AUCodeSetsAustralianStandardClassificationOfReligiousGroupsASCRGType
OtherCodeList	O	List of other codes or strings that crosswalk to or serve as translations of the Code element paired with this common element. If Code changes and OtherCodes are supported, both Code and all associated OtherCode elements must be present.	OtherCodeListType

Table A.222-1: ReligionType

A.223 ReligiousEventListType

List of Religious events

Figure A.223-1: ReligiousEventListType

Element/@Attribute	Char	Description	Type
ReligiousEventListType		List of Religious events	List
ReligiousEvent	OR	Religious event.	ReligiousEventType

Table A.223-1: ReligiousEventListType

A.224 ReligiousEventType
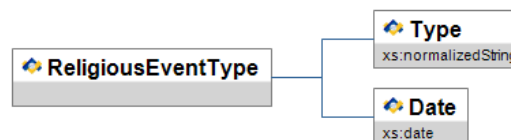
Figure A.224-1: ReligiousEventType

Element/@Attribute	Char	Description	Type
ReligiousEventType	OR		
Type	M	Religious Event - Currently Free Text	`xs:normalizedString`
Date	M	Date of Religious Event	`xs:date`

Table A.224-1: ReligiousEventType

A.225 ReportDataObjectType

A SIF XML object.

Figure A.225-1: ReportDataObjectType

Element/@Attribute	Char	Description	Type

ReportDataObjectType		A SIF XML object.	`<xs:sequence>`
			`  <xs:any processContents="lax" minOccurs="0" maxOccurs="unbounded" />`
			`</xs:sequence>`

Table A.225-1: ReportDataObjectType

A.226 ReportUserRefIdType

SIF RefId that identifies the student, staff or group whose usage is being tracked.

Figure A.226-1: ReportUserRefIdType

Element/@Attribute	Char	Description	Type
ReportUserRefIdType		SIF RefId that identifies the student, staff or group whose usage is being tracked.	`IdRefType`

@ SIF_RefObject	M	The type of SIF object that the `ReportUserRefId` attribute identifies.	**values:**
			`StudentPersonal`
			`StaffPersonal`
			`TeachingGroup`

Table A.226-1: ReportUserRefIdType

A.227 ResourceReportColumnListType

Definitions of the values given in ResourceReportList/ ResourceReport/ ReportRow.
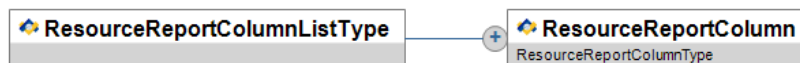
Figure A.227-1: ResourceReportColumnListType

Element/@Attribute	Char	Description	Type
ResourceReportColumnListType	M	Definitions of the values given in ResourceReportList/ ResourceReport/ ReportRow.	`List`
ResourceReportColumn	MR	Definition of a single value given in ResourceReportList/ ResourceReport/ ReportRow; the value definitions in ReportColumnList appear in the same order as they do in ReportRow.	`ResourceReportColumnType`

Table A.227-1: ResourceReportColumnListType

A.228 ResourceReportColumnType

Definition of a single value given in ResourceReportList/ ResourceReport/ ReportRow; the value definitions in ReportColumnList appear in the same order as they do in ReportRow.
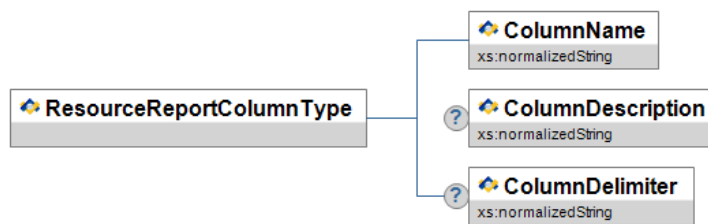
Figure A.228-1: ResourceReportColumnType

Element/@Attribute	Char	Description	Type
ResourceReportColumnType		Definition of a single value given in ResourceReportList/ ResourceReport/ ReportRow; the value definitions in ReportColumnList appear in the same order as they do in ReportRow.	
ColumnName	M	Name of a ReportRow value.	xs:normalizedString
ColumnDescription	O	Description of a ReportRow value.	xs:normalizedString
ColumnDelimiter	O	Delimiter separating this ReportRow value from the next; is assumed by default to be ",", with CSV parsing rules.	xs:normalizedString

Table A.228-1: ResourceReportColumnType

A.229 ResourceReportLineListType

List of resource reports, one per user.

Figure A.229-1: ResourceReportLineListType

Element/@Attribute	Char	Description	Type
ResourceReportLineListType	M	List of resource reports, one per user.	List
ResourceReportLine	MR	List of resource reports, one per user.	ResourceReportLineType

Table A.229-1: ResourceReportLineListType

A.230 ResourceReportLineType

List of resource reports, one per user.
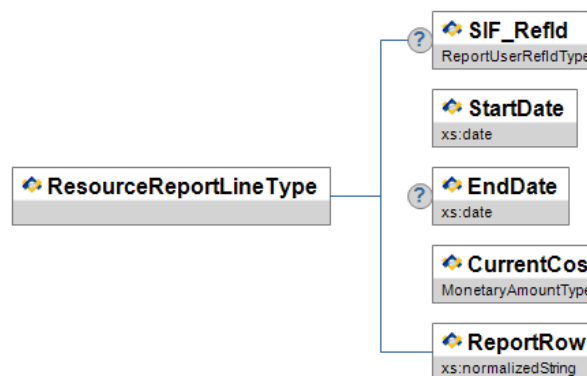
Figure A.230-1: ResourceReportLineType

Element/@Attribute	Char	Description	Type
ResourceReportLineType		List of resource reports, one per user.	
SIF_RefId	O	SIF RefId that identifies the student, staff or group whose usage is being tracked.	ReportUserRefIdType
StartDate	M	Starting date for reporting period of resource usage.	xs:date
EndDate	O	End date for reporting period of resource usage.	xs:date
CurrentCost	M	Current cost of reported resource usage.	MonetaryAmountType
ReportRow	M	Key of report-specific values, defined in ReportColumn	xs:normalizedString

Table A.230-1: ResourceReportLineType

A.231 ResourcesType

A GUID reference to a SIF LearningResource object that supports this activity

Figure A.231-1: ResourcesType

Element/@Attribute	Char	Description	Type
ResourcesType	OR	A GUID reference to a SIF LearningResource object that supports this activity	IdRefType
@ ResourceType	M	Type of Resource.	**values:** LearningResource WorkSample AnnotatedWorkSample Other

Table A.231-1: ResourcesType

A.232 ResourceUsageContentTypeType

Container of Information about the ResourceUsage.
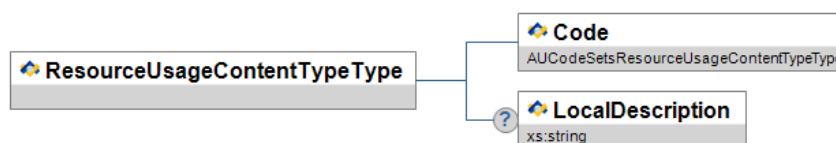
Figure A.232-1: ResourceUsageContentTypeType

Element/@Attribute	Char	Description	Type
ResourceUsageContentTypeType	M	Container of Information about the ResourceUsage.	
Code	M	Codeset for type of resource being tracked.	AUCodeSetsResourceUsageContentTypeType
LocalDescription	O	Local description of type of resource being tracked.	xs:string

Table A.232-1: ResourceUsageContentTypeType

A.233 RoomListType

List of rooms in which the scheduled activity is held. Used for onsite venues which are represented in the source system as rooms. Can include large venues (ovals, library, etc), if they have been represented as rooms; source system practice varies.

Figure A.233-1: RoomListType

Element/@Attribute	Char	Description	Type
RoomListType		List of rooms in which the scheduled activity is held. Used for onsite venues which are represented in the source system as rooms. Can include large venues (ovals, library, etc), if they have been represented as rooms; source system practice varies.	List
RoomInfoRefId	MR	The Id (GUID) of the Room in which the scheduled activity is held.	IdRefType

Table A.233-1: RoomListType

A.234 ScheduledActivityOverrideType

This flag should be used to indicate whether or not this ScheduledActivity overrides a previous ScheduledActivity. In any initial provisioning this element should NOT be provided.
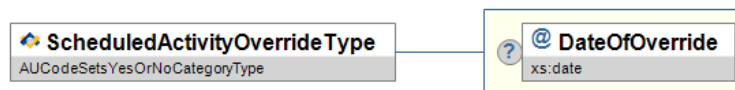
Figure A.234-1: ScheduledActivityOverrideType

Element/@Attribute	Char	Description	Type
ScheduledActivityOverrideType	O	This flag should be used to indicate whether or not this ScheduledActivity overrides a previous ScheduledActivity. In any initial provisioning this element should NOT be provided.	AUCodeSetsYesOrNoCategoryType
@ DateOfOverride	C	The date needs to be provided if Override=Yes.	xs:date

Table A.234-1: ScheduledActivityOverrideType

A.235 ScheduledTeacherListType

A listing of the teachers assigned to the activity, and the type of supervision they are credited with. If no teachers are listed, the activity is assumed to be unsupervised.

Figure A.235-1: ScheduledTeacherListType

Element/@Attribute	Char	Description	Type
ScheduledTeacherListType		A listing of the teachers assigned to the activity, and the type of supervision they are credited with. If no teachers are listed, the activity is assumed to be unsupervised.	List
TeacherCover	MR	Substructure to allow representing instances where teachers only take subsets of an event. Most typically, this occurs with exam supervision, where each teacher gets a 1-period duty. It also happens with schools with e.g. 4 long periods per day: a period of 1hr20mins can be split into 2 halves of 40 minutes each.	TeacherCoverType

Table A.235-1: ScheduledTeacherListType

A.236 SchoolContactListType

A list of contact persons associated with a school.

Figure A.236-1: SchoolContactListType

Element/@Attribute	Char	Description	Type
SchoolContactListType		A list of contact persons associated with a school.	List
SchoolContact	MR	Information on contact persons for this school.	SchoolContactType

Table A.236-1: SchoolContactListType

JSON 📋   XML 📋

```
<SchoolContactList>
   <SchoolContact>
      <PublishInDirectory>Y</PublishInDirectory>
      <ContactInfo>
         <Name Type="LGL">
            <FamilyName>Woodall</FamilyName>
            <GivenName>Charles</GivenName>
            <MiddleName>William</MiddleName>
         </Name>
         <PositionTitle>Superintendent</PositionTitle>
         <EmailList>
            <Email Type="01">drseuss@whoville.k12.state.us</Email>
         </EmailList>
         <PhoneNumberList>
            <PhoneNumber Type="0096">
               <Number>(08) 8555-0102</Number>
            </PhoneNumber>
         </PhoneNumberList>
      </ContactInfo>
   </SchoolContact>
</SchoolContactList>
```

Example A.236-1: SchoolContactListType

A.237 SchoolContactType

Information on contact persons for this school.
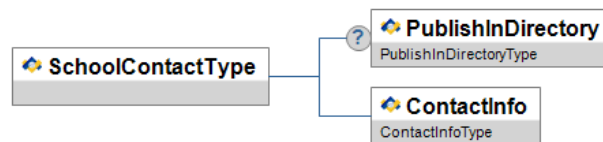
Figure A.237-1: SchoolContactType

Element/@Attribute	Char	Description	Type
SchoolContactType	MR	Information on contact persons for this school.	
PublishInDirectory	O	Indicates whether or not this school contact's information should be published in a directory of school information.	PublishInDirectoryType
ContactInfo	M	Common element used to supply information for a contact person at a school, LEA, or other institution.	ContactInfoType

Table A.237-1: SchoolContactType

A.238 SchoolCourseInfoOverrideType

Optional overrides of the course information for this section.
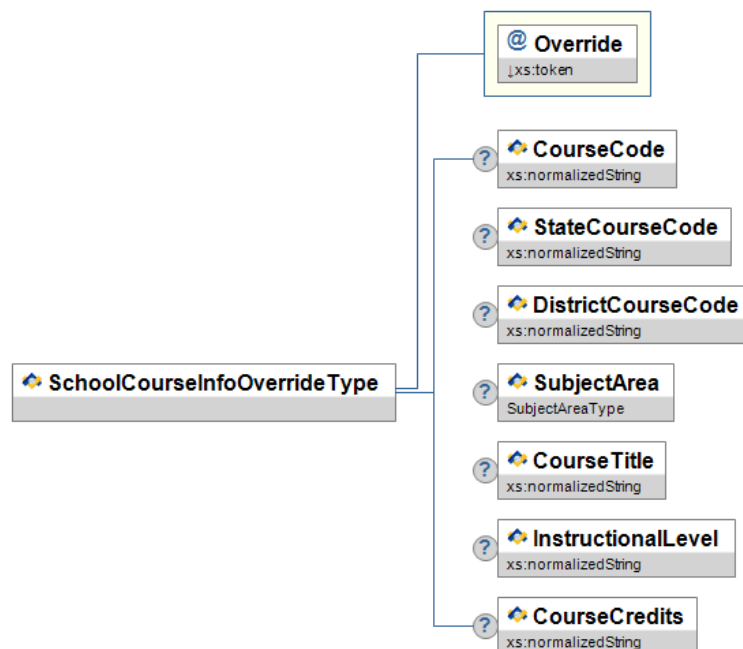
Figure A.238-1: SchoolCourseInfoOverrideType

Element/@Attribute	Char	Description	Type
SchoolCourseInfoOverrideType	O	Optional overrides of the course information for this section.	
@ Override	M	Designates whether or not SchoolCourseInfo information has been overridden with different values for this section.	**values:** Yes No
CourseCode	O	Override of the school-defined course code for this section.	xs:normalizedString
StateCourseCode	O	Override of the state-defined course code for this section.	xs:normalizedString
DistrictCourseCode	O	Override of the district course code for this section.	xs:normalizedString
SubjectArea	O	Override of the subject matter area for this section.	SubjectAreaType
CourseTitle	O	Override of the course title for this section.	xs:normalizedString
InstructionalLevel	O	Override of the instructional level for this section.	xs:normalizedString
CourseCredits	O	Override of the course credits for this section.	xs:normalizedString

Table A.238-1: SchoolCourseInfoOverrideType

A.239 SchoolFocusListType

List containing the education focus codes of the campus/school.

Figure A.239-1: SchoolFocusListType

Element/@Attribute	Char	Description	Type
SchoolFocusListType		List containing the education focus codes of the campus/school.	List
SchoolFocus	MR	The type of educational institution as classified by its focus.	AUCodeSetsSchoolFocusCodeType

Table A.239-1: SchoolFocusListType

A.240 SchoolGroupListType

Figure A.240-1: SchoolGroupListType

Element/@Attribute	Char	Description	Type
SchoolGroupListType			List
SchoolGroup	MR	Repeatable element containing a local identifier to identify a loosely connected group of schools. eg. YarraValley Cluster	LocalIdType

Table A.240-1: SchoolGroupListType

A.241 SchoolProgramListType

List of School Programs
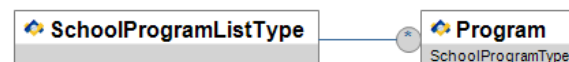
Figure A.241-1: SchoolProgramListType

Element/@Attribute	Char	Description	Type
SchoolProgramListType		List of School Programs	List
Program	OR	School program.	SchoolProgramType

Table A.241-1: SchoolProgramListType

A.242 SchoolProgramType
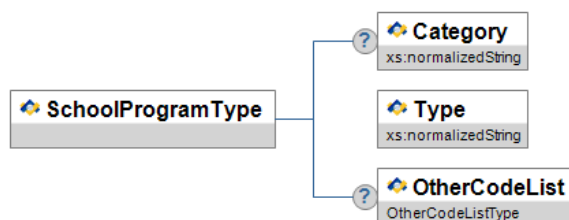
Figure A.242-1: SchoolProgramType

Element/@Attribute	Char	Description	Type
SchoolProgramType	OR		
Category	O	Program Category	`xs:normalizedString`
Type	M	Program Type	`xs:normalizedString`
OtherCodeList	O	List of other codes or strings that crosswalk to or serve as translations of the Code element paired with this common element. If Code changes and OtherCodes are supported, both Code and all associated OtherCode elements must be present.	`OtherCodeListType`

Table A.242-1: SchoolProgramType

A.243 SchoolTravelType

Information on how a student travels to or from school.
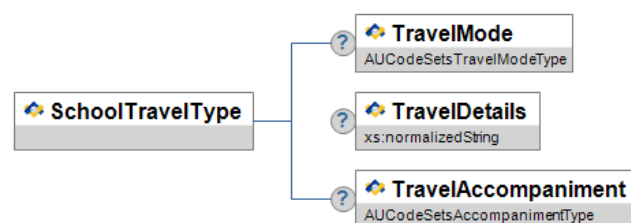
Figure A.243-1: SchoolTravelType

Element/@Attribute	Char	Description	Type
SchoolTravelType	O	Information on how a student travels to or from school.	
TravelMode	O	Mode of travel used	`AUCodeSetsTravelModeType`
TravelDetails	O	Further information on travel	`xs:normalizedString`
TravelAccompaniment	O	Status of student's accompaniment	`AUCodeSetsAccompanimentType`

Table A.243-1: SchoolTravelType

A.244 SchoolURLType

URL for a school.
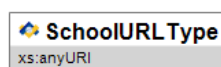
Figure A.244-1: SchoolURLType

Element/@Attribute	Char	Description	Type
SchoolURLType		URL for a school.	`xs:anyURI`

Table A.244-1: SchoolURLType

JSON 📄　　**XML** 📄

```
<SchoolURL>http://www.lincolnhs.edu</SchoolURL>
```

A.245 SchoolYearType

Common element used to designate the academic school year to which an object relates.
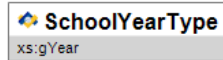
Figure A.245-1: SchoolYearType

Element/@Attribute	Char	Description	Type
SchoolYearType		School year for which the information is applicable, expressed as the four-digit year in which the school year ends (e.g., "2009").	`xs:gYear`

Table A.245-1: SchoolYearType

JSON 📄 **XML** 📄

```
<SchoolYear>2005</SchoolYear>
```
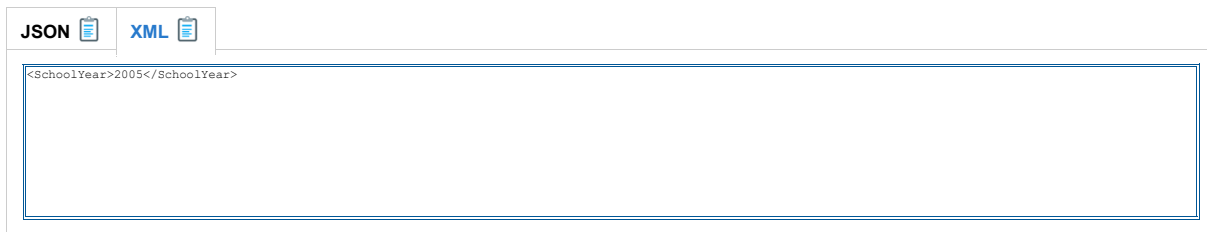
Example A.245-1: SchoolYearType

A.246 ScoreDescriptionListType
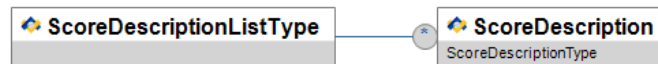
Figure A.246-1: ScoreDescriptionListType

Element/@Attribute	Char	Description	Type
ScoreDescriptionListType			`List`
ScoreDescription	OR	Score description.	`ScoreDescriptionType`

Table A.246-1: ScoreDescriptionListType

A.247 ScoreDescriptionType
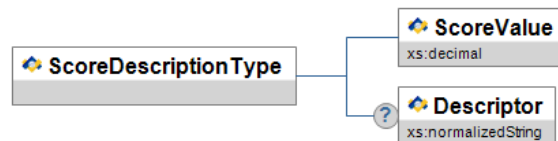
Figure A.247-1: ScoreDescriptionType

Element/@Attribute	Char	Description	Type
ScoreDescriptionType	OR		
ScoreValue	M	Score point: Individual maximum score value that a student can achieve under the current rubric.	`xs:decimal`
Descriptor	O	Descriptor of Writing Rubric	`xs:normalizedString`

Table A.247-1: ScoreDescriptionType

A.248 ScoreListType
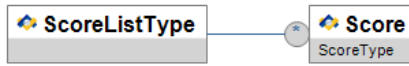
Figure A.248-1: ScoreListType

Element/@Attribute	Char	Description	Type
ScoreListType			List
Score	OR	Score.	ScoreType

Table A.248-1: ScoreListType

A.249 ScoreType

.
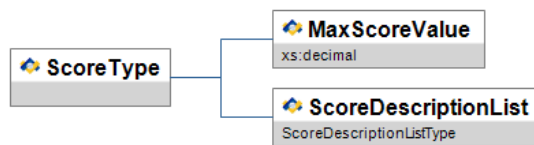
Figure A.249-1: ScoreType

Element/@Attribute	Char	Description	Type
ScoreType	OR	.	
MaxScoreValue	M	Total maximum score value that a student can achieve under the current rubric.	xs:decimal
ScoreDescriptionList	M	List of score descriptions.	ScoreDescriptionListType

Table A.249-1: ScoreType

A.250 SelectedContentType

Allows an XML fragment selected from an object to be used in an element with XML validation skipped.
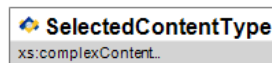
Figure A.250-1: SelectedContentType

Element/@Attribute	Char	Description	Type

SelectedContentType		Allows an XML fragment selected from an object to be used in an element with XML validation skipped.	`<xs:complexContent mixed="true">`
			`  <xs:restriction base="xs:anyType">`
			`    <xs:sequence>`
			`      <xs:any processContents="skip" minOccurs="0" maxOccurs="unbounded" />`
			`    </xs:sequence>`
			`  </xs:restriction>`
			`</xs:complexContent>`

Table A.250-1: SelectedContentType

A.251 ServiceNameType

An unenumerated SIF object name.
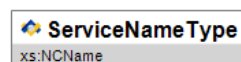
Figure A.251-1: ServiceNameType

Element/@Attribute	Char	Description	Type
ServiceNameType		An unenumerated SIF object name.	`xs:NCName`

Table A.251-1: ServiceNameType

A.252 SIF_ExtendedElementsType

This element is supported at the end of all SIF objects. The element is used to extend existing SIF objects with locally-defined elements. Extended elements SHOULD NOT be used to duplicate data that can be obtained from other SIF objects.
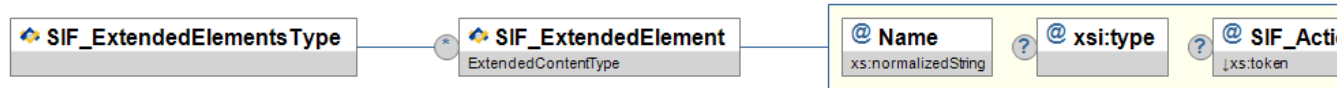
Figure A.252-1: SIF_ExtendedElementsType

	Element/@Attribute	Char	Description	Type
	SIF_ExtendedElementsType		Allows an agent to include data not yet defined within a SIF data object as name/value pairs.	`List`
	SIF_ExtendedElement	OR	A name/value pair, the name being contained in the Name attribute, the value being the element content.	`ExtendedContentType`
@	Name	M	The name of the extended element. As it is possible that names for extended elements may collide from agent to agent, it is recommended that the names of extended elements be configurable in an agent, or that agents use URIs for the names of extended elements.	`xs:normalizedString`
@	xsi:type	O	Allows type of element to be explicitly communicated.	
@	SIF_Action	O	In a `Change` event, this flag can be used to indicate an element has been deleted from the parent list container. At a minimum the key for the list must also be present.	**values:** `Delete`

Table A.252-1: SIF_ExtendedElementsType

JSON **XML**

```xml
<SIF_ExtendedElements>
  <SIF_ExtendedElement Name="ApplicationSubmissionStatus">4</SIF_ExtendedElement>
  <SIF_ExtendedElement Name="DynamicXml">
    <Parent xmlns="http://myapplication.com">
      <Child n="1">one</Child>
      <Child n="2" />
      <Child n="3">three</Child>
    </Parent>
  </SIF_ExtendedElement>
  <SIF_ExtendedElement Name="Note">
    <xhtml:strong xmlns:xhtml="http://www.w3.org/1999/xhtml">Double</xhtml:strong>-check submission status.
  </SIF_ExtendedElement>
</SIF_ExtendedElements>
```

Example A.252-1: SIF_ExtendedElementsType

A.253 SIF_MetadataType

Metadata is commonly referred to as data about data and includes information such as author, grade level, or keywords relating to a learning object, as examples. Metadata can be used to structure and contain any of this kind of information in a consistent manner. In the context of SIF, `SIF_Metadata` provides a consistent structure to appropriate SIF objects for the purpose of cataloguing and object discovery, as well as other metadata functions and purposes. One recurring use case within the SIF data model is the requirement for some form of temporal constraints and tagging on objects (see `TimeElement`). Other metadata elements are based on needs brought to the Data Model Task Force.

IMPORTANT NOTE ON PERSISTENCE

This data is not designed to be permanent. It is designed to frame an object instance and could dissolve as soon as it leaves the SIF framework for the application space. A data warehouse could be used to store metadata for later tracking.

IMPORTANT NOTE ON USAGE

Any usage of metadata is optional unless made a requirement within individual SIF objects, or if a SIF or local profile or zone installation mandates it. SIF_Metadata allows for the usage of metadata in agents and applications that choose to support it.

This element is designed to operate much like SIF_ExtendedElements. It is an approved common element that is part of any data object.
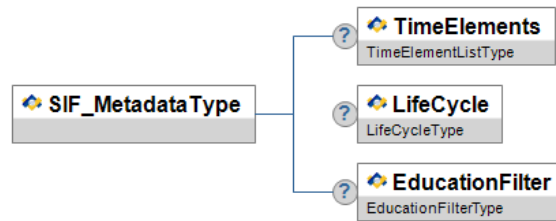
Figure A.253-1: SIF_MetadataType

Element/@Attribute	Char	Description	Type
SIF_MetadataType		A commonly defined container for metadata elements defined within SIF.	
TimeElements	O		TimeElementListType
LifeCycle	O	This common metadata element describes the life cycle of the object it represents, based on the IEEE LOM LifeCycle element [LOM]	LifeCycleType
EducationFilter	O	Education filter.	EducationFilterType

Table A.253-1: SIF_MetadataType

A.254 SoftwareRequirementListType

Contains information about required software.

Figure A.254-1: SoftwareRequirementListType

Element/@Attribute	Char	Description	Type
SoftwareRequirementListType		Contains information about required software.	List
SoftwareRequirement	OR	Contains information about a specific required piece of software.	SoftwareRequirementType

Table A.254-1: SoftwareRequirementListType

A.255 SoftwareRequirementType

Contains information about a specific required piece of software.
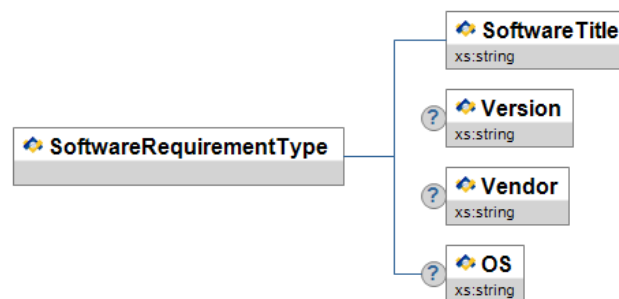
Figure A.255-1: SoftwareRequirementType

Element/@Attribute	Char	Description	Type
SoftwareRequirementType	OR	Contains information about a specific required piece of software.	
SoftwareTitle	M	This is the title of the specific software. This does not include the vendor. For example, Flash not Adobe.	xs:string
Version	O	This includes the version of the specific software.	xs:string
Vendor	O	This is the vendor of the specific software. For example, Adobe.	xs:string
OS	O	This is the operating system and version. For example, Macintosh OS X 1.4.	xs:string

Table A.255-1: SoftwareRequirementType

A.256 SoftwareVendorInfoContainerType

Container for elements containing information on the Software Product and Vendor.
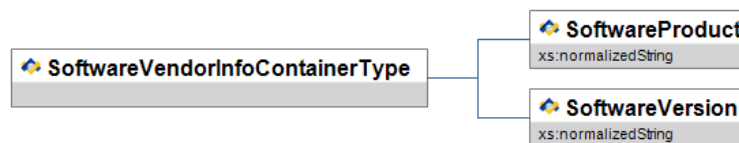
Figure A.256-1: SoftwareVendorInfoContainerType

Element/@Attribute	Char	Description	Type
SoftwareVendorInfoContainerType	O	Container for elements containing information on the Software Product and Vendor.	
SoftwareProduct	M	Product used to create the Submission.	xs:normalizedString
SoftwareVersion	M	Version of the software used to create the Submission.	xs:normalizedString

Table A.256-1: SoftwareVendorInfoContainerType

A.257 SourceObjectsType

Source objects assigned to students.

Figure A.257-1: SourceObjectsType

Element/@Attribute	Char	Description	Type
SourceObjectsType		Source objects assigned to students.	List
SourceObject	OR	GUID assigned to the source object.	IdRefType
@ SIF_RefObject	M	The type of learning object the source object is.	**values:** Assessment LearningResource Activity Lesson

Table A.257-1: SourceObjectsType

A.258 SpanGapListType

Figure A.258-1: SpanGapListType

Element/@Attribute	Char	Description	Type
SpanGapListType	M		`List`
SpanGap	OR	This structure duplicates much of the structure of `TimeElement` and is designed to represent a gap in the parent time period defined by `StartDateTime` and `EndDateTime` above	`SpanGapType`

Table A.258-1: SpanGapListType

A.259 SpanGapType

This structure duplicates much of the structure of `TimeElement` and is designed to represent a gap in the parent time period defined by `StartDateTime` and `EndDateTime` above.
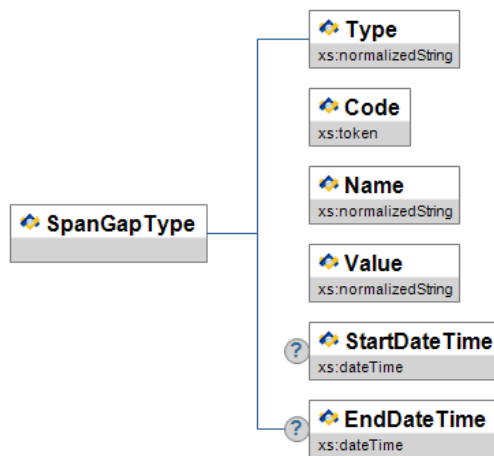
Figure A.259-1: SpanGapType

Element/@Attribute	Char	Description	Type
SpanGapType		This structure duplicates much of the structure of `TimeElement` and is designed to represent a gap in the parent time period defined by `StartDateTime` and `EndDateTime` above.	
Type	M	Type	`xs:normalizedString`
Code	M	Code	`xs:token`
Name	M	Name	`xs:normalizedString`
Value	M	Value	`xs:normalizedString`
StartDateTime	O	StartDate and Time	`xs:dateTime`
EndDateTime	O	EndDate and Time	`xs:dateTime`

Table A.259-1: SpanGapType

A.260 StaffActivityExtensionType

The purpose of the Teacher's role as related to students. Equivalent to 'JobFunction' in US Object.
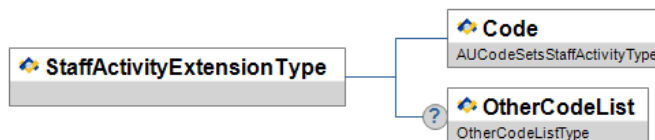
Figure A.260-1: StaffActivityExtensionType

Element/@Attribute	Char	Description	Type
StaffActivityExtensionType	O	The purpose of the Teacher's role as related to students. Equivalent to 'JobFunction' in US Object.	
Code	M	Code representing the type of staff activity undertaken.	AUCodeSetsStaffActivityType
OtherCodeList	O	List of other codes or strings that crosswalk to or serve as translations of the Code element paired with this common element. If Code changes and OtherCodes are supported, both Code and all associated OtherCode elements must be present.	OtherCodeListType

Table A.260-1: StaffActivityExtensionType

A.261 StaffAssignmentMostRecentContainerType

Container for elements reflecting the most recent assignment of a staff member or information that may need to be calculated from other information.

Figure A.261-1: StaffAssignmentMostRecentContainerType

Element/@Attribute	Char	Description	Type
StaffAssignmentMostRecentContainerType	O	Container for elements reflecting the most recent assignment of a staff member or information that may need to be calculated from other information.	
PrimaryFTE	O	Full-time job equivalent ratio associated with teaching at the Primary level. (Format is x.xx; an employee who is full-time and who is 50% of their time on this assignment would be represented as 0.50)	xs:decimal xs:minInclusive 0 xs:maxInclusive 1 xs:fractionDigits 2
SecondaryFTE	O	Full-time job equivalent ratio associated with teaching at the Secondary level. (Format is x.xx; an employee who is full-time and who is 50% of their time on this assignment would be represented as 0.50)	xs:decimal xs:minInclusive 0 xs:maxInclusive 1 xs:fractionDigits 2

Table A.261-1: StaffAssignmentMostRecentContainerType

A.262 StaffListType

Figure A.262-1: StaffListType

Element/@Attribute	Char	Description	Type
StaffListType			List
StaffPersonalRefId	MR	GUID that identifies the staff person assigned to this room (e.g. the homeroom teacher).	IdRefType

Table A.262-1: StaffListType

A.263 StaffMostRecentContainerType

Container for elements reflecting the most recent assignment of a staff member. If the staff member is currently assigned, the elements contain current information.
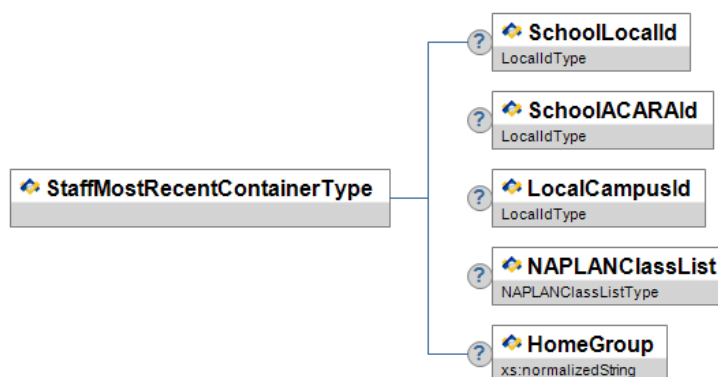
Figure A.263-1: StaffMostRecentContainerType

Element/@Attribute	Char	Description	Type
StaffMostRecentContainerType	O	Container for elements reflecting the most recent assignment of a staff member. If the staff member is currently assigned, the elements contain current information.	
SchoolLocalId	O	Local identifier representing the school in which the staff is or was most recently teaching in.	`LocalIdType`
SchoolACARAId	O	Identifier of the school in which the staff member is or was most recently assigned, as listed in the Australian School List.	`LocalIdType`
LocalCampusId	O	Local identifier for a specific campus Id. This may be the same as the school local Id, but is expected to be supplied only if the school does in fact have distinct campuses.	`LocalIdType`
NAPLANClassList	O	Container for a list of classes a teacher may be responsible for with regard to NAPLAN only.	`NAPLANClassListType`
HomeGroup	O	The current home group (if any) that the staff member is responsible for.	`xs:normalizedString`

Table A.263-1: StaffMostRecentContainerType

A.264 StaffRefIdType

Staff member assigned as an advisor.

Figure A.264-1: StaffRefIdType

Element/@Attribute	Char	Description	Type
StaffRefIdType	O	Staff member assigned as an advisor.	`IdRefType`
@ SIF_RefObject	M	The name of the object referenced.	**values:** `StaffPersonal`

Table A.264-1: StaffRefIdType

A.265 StaffSubjectListType

Subject(s) Staff member is eligible to teach.
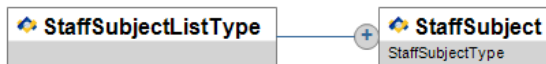
Figure A.265-1: StaffSubjectListType

Element/@Attribute	Char	Description	Type
StaffSubjectListType		Subject(s) Staff member is eligible to teach.	`List`
StaffSubject	MR	This element contains Staff subjects they are eligible to teach together with the teaching preference.	`StaffSubjectType`

Table A.265-1: StaffSubjectListType

A.266 StaffSubjectType

This element contains Staff subjects they are eligible to teach together with the teaching preference.
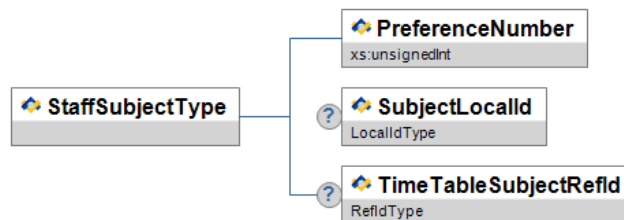
Figure A.266-1: StaffSubjectType

Element/@Attribute	Char	Description	Type
StaffSubjectType	MR	This element contains Staff subjects they are eligible to teach together with the teaching preference.	
PreferenceNumber	M	Priority of Subject to Teach.	`xs:unsignedInt`
SubjectLocalId	O	Local Subject Id	`LocalIdType`
TimeTableSubjectRefId	O	RefId of TimeTableSubject	`RefIdType`

Table A.266-1: StaffSubjectType

A.267 StandardHierarchyLevelType

Description of hierarchical level within standards tree.
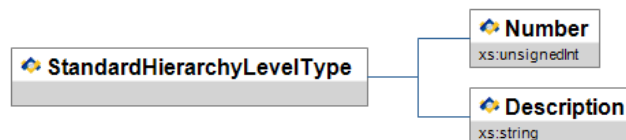
Figure A.267-1: StandardHierarchyLevelType

Element/@Attribute	Char	Description	Type
StandardHierarchyLevelType		Description of hierarchical level within standards tree.	
Number	M	Integer assigned to each hierarchical level within standards tree. The top level is "1".	`xs:unsignedInt`
Description	M	Used to describe what role this item is serving in the structure. Some documents describe their levels in terms of standard, strands, and topics. Others use standards, benchmarks, and indicators. In Australia, this is typically in terms of Course or Unit, Year Level, Outcomes. This attribute names the level of the item.	`xs:string`

Table A.267-1: StandardHierarchyLevelType

A.268 StandardIdentifierType

This element describes the unique identifier for each LearningStandard.
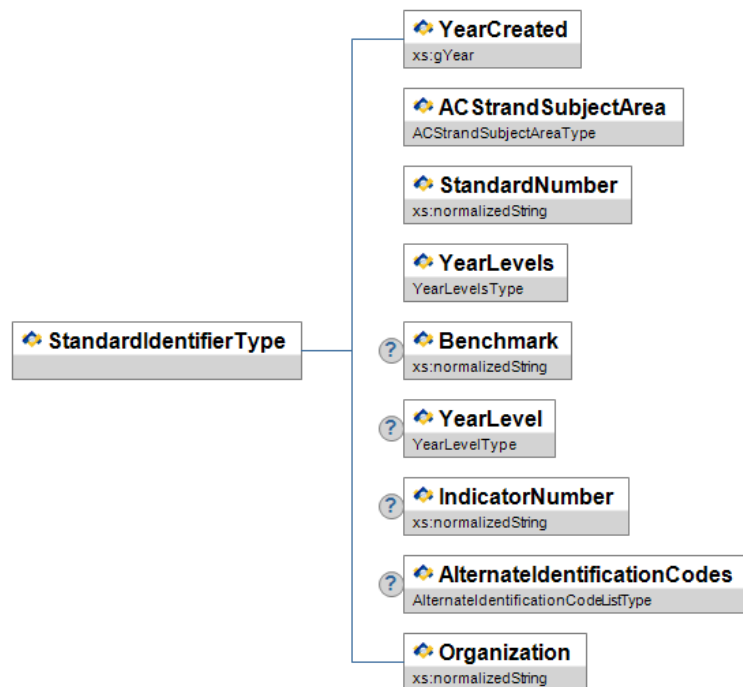
Figure A.268-1: StandardIdentifierType

Element/@Attribute	Char	Description	Type
StandardIdentifierType	O	This element describes the unique identifier for each LearningStandard.	
YearCreated	M	This represents the year that this specific learning standard was created. This is important to indicate as standards are updated to reflect the appropriate year it was created. This would be assigned by and unique to the standard setting body.	xs:gYear
ACStrandSubjectArea	M	This represents the subject or content area this curriculum item addresses. This would be assigned by and unique to the curriculum setting body.	ACStrandSubjectAreaType
StandardNumber	M	This is the specific number of the standard. For example, if the subject is mathematics and this standard is Patterns, Functions and Algebra, this would be StandardNumber 1. This would be assigned by and unique to the standard setting body.	xs:normalizedString
YearLevels	M	This represents the grade level(s) this specific learning standard will address. This may be addressed in different ways. Some states have a grade level that covers several grades and others have just one grade. This would be assigned by and unique to the standard setting body.	YearLevelsType
Benchmark	O	This is the next level within the hierarchy of the learning standard. For example, if the subject is mathematics and the standard is algebra, this would be the next delineation - Represent an unknown quantity as a variable using a symbol, including letters. This would be assigned by and unique to the standard setting body.	xs:normalizedString
YearLevel	O	This is the specific year level. This is to be utilized if the YearLevel covers several years. This would be assigned by and unique to the standard setting body.	YearLevelType
IndicatorNumber	O	This would be the most granular level of the learning standard associated with the grade level. Following the same example, an indicator for Algebra YearLevel 5-7, the indicator for the benchmark above at Year 6 would be to Evaluate simple expressions by replacing variables with given values, and use formulas in problem-solving situations. This would be assigned by and unique to the standard setting body.	xs:normalizedString
AlternateIdentificationCodes	O	This element is for an organization to utilize for an internal code. This may be used for an alignment schema or other purposes that are only internal for the organization.	AlternateIdentificationCodeListType
Organization	M	Name of organization represented by the document, i.e., "National Council of Teachers of Mathematics (NCTM)," "NSW," "ACARA." This is the name of the organization that has this AlternateIdentificationCode. This should be a text field.	xs:normalizedString

Table A.268-1: StandardIdentifierType

A.269 StandardsSettingBodyType

The name of the state or organization that authored and manages updates to the curriculum document (i.e., ACARA, NSW DET).
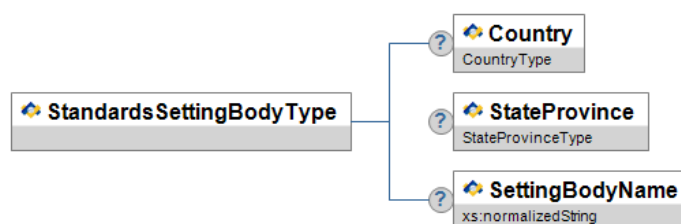
Figure A.269-1: StandardsSettingBodyType

Element/@Attribute	Char	Description	Type
StandardsSettingBodyType		The name of the state or organization that authored and manages updates to the curriculum document (i.e., ACARA, NSW DET).	
Country	O	The country of the standard setting body.	CountryType
StateProvince	O	The state or province of the standard setting body.	StateProvinceType
SettingBodyName	O	The text version of the organization's name.	xs:normalizedString

Table A.269-1: StandardsSettingBodyType

A.270 StatementCodesType
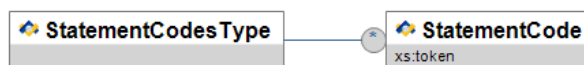
Figure A.270-1: StatementCodesType

Element/@Attribute	Char	Description	Type
StatementCodesType			List
StatementCode	OR	An alphanumeric Id code as defined by the organization to identify the statement.	xs:token

Table A.270-1: StatementCodesType

A.271 StatementsType
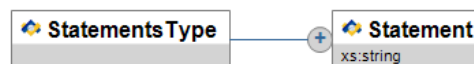
Figure A.271-1: StatementsType

Element/@Attribute	Char	Description	Type
StatementsType			List
Statement	MR	The text of the "outcome", "standard", or other element within the structured curriculum document	xs:string

Table A.271-1: StatementsType

A.272 StateProvinceIdType

This is a common element used to define the state or province assigned identifier associated with an entity.

Figure A.272-1: StateProvinceIdType

Element/@Attribute	Char	Description	Type
StateProvinceIdType		The identifier for this entity as assigned by the state or province.	xs:normalizedString

Table A.272-1: StateProvinceIdType

JSON 📋   **XML** 📋

```
<StateProvinceId>L65432765</StateProvinceId>
```

A.273 StateProvinceType

A state or province code. Note: When dealing with countries other than Australia, state/province codes/values other than those referenced here can be used.

Figure A.273-1: StateProvinceType

Element/@Attribute	Char	Description	Type
StateProvinceType		A state or province code. Note: When dealing with countries other than Australia, state/province codes/values other than those referenced here can be used.	union of: AUCodeSetsStateTerritoryCodeType xs:token

Table A.273-1: StateProvinceType

JSON 📋   **XML** 📋

```
<StateProvince>ACT</StateProvince>
```

Example A.273-1: StateProvinceType

A.274 StatisticalAreasType

A list of Statistical Areas associated with an address that will be referenced back to ABS 1270. Only applicable to a physical address, e.g. not relevant for a Post Office Box.
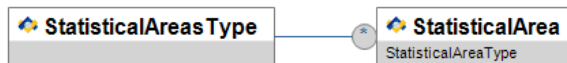
Figure A.274-1: StatisticalAreasType

Element/@Attribute	Char	Description	Type
StatisticalAreasType		A list of Statistical Areas associated with an address that will be referenced back to ABS 1270. Only applicable to a physical address, e.g. not relevant for a Post Office Box.	List
StatisticalArea	OR	The Australian Standard Geographical Classification (ASGC) has now been replaced with the Australian Statistical Geography Standard (ASGS). The level and method that this is collected would need to be discussed as the lowest level is now a lot lower than the previous classification to allow for more accurate data analysis and reporting. There are different levels of spatial unit references by this code set and a MeshBlock refers to the lowest level of this classification. The spatial unit should be validated against the correct classification which is being elaborated upon. The referenced levels are coded in these volumes of ABS 1270 1270.0.55.001 - Australian Statistical Geography Standard (ASGS): Volume 1 - Main Structure and Greater Capital City Statistical Areas, July 2011 1270.0.55.002 - Australian Statistical Geography Standard (ASGS): Volume 2 - Indigenous Structure, July 2011 1270.0.55.003 - Australian Statistical Geography Standard (ASGS): Volume 3 - Non ABS Structures, July, 2012	StatisticalAreaType

Table A.274-1: StatisticalAreasType

A.275 StatisticalAreaType

The Australian Standard Geographical Classification (ASGC) has now been replaced with the Australian Statistical Geography Standard (ASGS). The level and method that this is collected would need to be discussed as the lowest level is now a lot lower than the previous classification to allow for more accurate data analysis and reporting. There are different levels of spatial unit references by this code set and a MeshBlock refers to the lowest level of this classification. The spatial unit should be validated against the correct classification which is being elaborated upon. The referenced levels are coded in these volumes of ABS 1270

1270.0.55.001 - Australian Statistical Geography Standard (ASGS): Volume 1 - Main Structure and Greater Capital City Statistical Areas, July 2011

1270.0.55.002 - Australian Statistical Geography Standard (ASGS): Volume 2 - Indigenous Structure, July 2011

1270.0.55.003 - Australian Statistical Geography Standard (ASGS): Volume 3 - Non ABS Structures, July, 2012

Figure A.275-1: StatisticalAreaType

Element/@Attribute	Char	Description	Type
StatisticalAreaType	OR	The Australian Standard Geographical Classification (ASGC) has now been replaced with the Australian Statistical Geography Standard (ASGS). The level and method that this is collected would need to be discussed as the lowest level is now a lot lower than the previous classification to allow for more accurate data analysis and reporting. There are different levels of spatial unit references by this code set and a MeshBlock refers to the lowest level of this classification. The spatial unit should be validated against the correct classification which is being elaborated upon. The referenced levels are coded in these volumes of ABS 1270 1270.0.55.001 - Australian Statistical Geography Standard (ASGS): Volume 1 - Main Structure and Greater Capital City Statistical Areas, July 2011 1270.0.55.002 - Australian Statistical Geography Standard (ASGS): Volume 2 - Indigenous Structure, July 2011 1270.0.55.003 - Australian Statistical Geography Standard (ASGS): Volume 3 - Non ABS Structures, July, 2012	xs:normalizedString
@ SpatialUnitType	M	Type of Spatial Unit contained within the StatisticalArea Element	**values:** MB Mesh Block SA1 Statistical Area Level 1 SA2 Statistical Area Level 2 SA3 Statistical Area Level 3 SA4 Statistical Area Level 4 GCCSA Greater Capital City Statistical Areas S/T State and Territory LG Local Government Area TR TourismRegion ILOC Indigenous Location IARE Indigenous Area IREG Indigenous Region

Table A.275-1: StatisticalAreaType

A.276 StatsCohortListType

A list of Stats Cohorts.

Figure A.276-1: StatsCohortListType

Element/@Attribute	Char	Description	Type
StatsCohortListType		A list of Stats Cohorts.	List
StatsCohort	MR	A Stats cohort.	StatsCohortType

Table A.276-1: StatsCohortListType

A.277 StatsCohortType

The individual stats cohort.
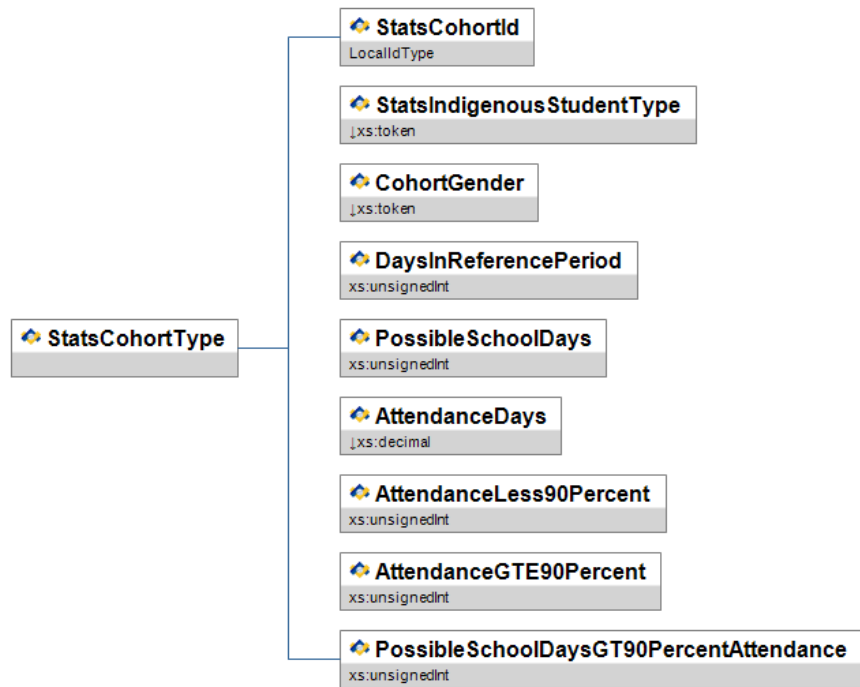
Figure A.277-1: StatsCohortType

Element/@Attribute	Char	Description	Type
StatsCohortType	MR	The individual stats cohort.	
StatsCohortId	M	The locally-assigned identifier for this cohort. Generated by the school, this will be used by DESE as a reference for the payload. It will be used when identifying warnings and errors, if any, for a particular cohort.	LocalIdType
StatsIndigenousStudentType	M	Student cohort type.	**values:** T Total Students I Students identifying as Indigenous
CohortGender	M	Collection cohorts are male, female or other.	**values:** M Male cohort F Female cohort X Other cohort
DaysInReferencePeriod	M	Number of school days for the cohort in Semester 1 / Term 3 (Cohort specific).Tested against expected norms, Warnings will be given for values at the extremes of the norm. Error is given if over the extreme end of the norm.	xs:unsignedInt
PossibleSchoolDays	M	Sum of days all students in the cohort are enrolled during the reference period. Refers to full-time students only in each Cohort. This field must not contain decimal points and must not be comma delimited.	xs:unsignedInt
AttendanceDays	M	Sum of attendance days for all students in the cohort during the reference period. Must be less than or equal to the number of Possible School Days. Can include partial attendance days. The field must not be comma delimited.	xs:decimal xs:minInclusive 0 xs:fractionDigits 2
AttendanceLess90Percent	M	Count of full-time students in the cohort who attended school less than 90% of possible school days in the reference period. Number of students where (Attendance days ÷ Possible School Days) × 100 LT 90. The number must not be comma delimited	xs:unsignedInt
AttendanceGTE90Percent	M	Count of full-time students in the cohort who attended school for 90% or more of the possible school days in the reference period. Number of students where (Attendance days ÷ Possible School Days) × 100 ≥ 90. The field must not be comma delimited.	xs:unsignedInt
PossibleSchoolDaysGT90PercentAttendance	M	Sum of days enrolled for Students in the cohort with attendance rates of 90% or more. A subset of 'Possible School Days' used to calculate Full-time equivalent estimate. This field must not contain decimal points and must not be comma delimited.	xs:unsignedInt

Table A.277-1: StatsCohortType

A.278 StatsCohortYearLevelListType

A list of Year Levels being reported on.

Figure A.278-1: StatsCohortYearLevelListType

Element/@Attribute	Char	Description	Type
StatsCohortYearLevelListType		A list of Year Levels being reported on.	List
StatsCohortYearLevel	MR	The Stats Year Level being reported on. 11MINUS was previously known as primary ungraded and 12PLUS was previously known as secondary ungraded. 11 MINUS and 12PLUS are valid entries for Special Schools only	StatsCohortYearLevelType

Table A.278-1: StatsCohortYearLevelListType

A.279 StatsCohortYearLevelType

The Stats Year Level being reported on.
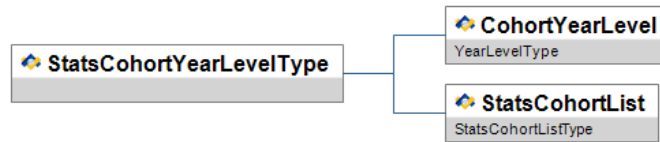
Figure A.279-1: StatsCohortYearLevelType

Element/@Attribute	Char	Description	Type
StatsCohortYearLevelType		The Stats Year Level being reported on.	
CohortYearLevel	M	The year level of the students represented by this cohort.	YearLevelType
StatsCohortList	M	A list of Stats Cohorts for the YearLevel.	StatsCohortListType

Table A.279-1: StatsCohortYearLevelType

A.280 StimulusListType
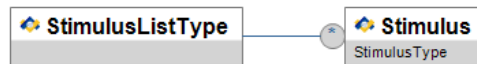
Figure A.280-1: StimulusListType

Element/@Attribute	Char	Description	Type
StimulusListType			List
Stimulus	OR	Description of a trigger for a response in a NAP test.	StimulusType

Table A.280-1: StimulusListType

A.281 StimulusLocalIdListType
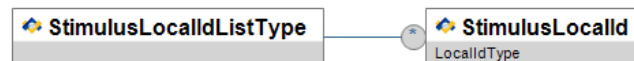
Figure A.281-1: StimulusLocalIdListType

Element/@Attribute	Char	Description	Type
StimulusLocalIdListType			List
StimulusLocalId	OR	Stimulus Local Id LocalId of Stimulus	LocalIdType

Table A.281-1: StimulusLocalIdListType

A.282 StimulusType

Description of a trigger for a response in a NAP test.
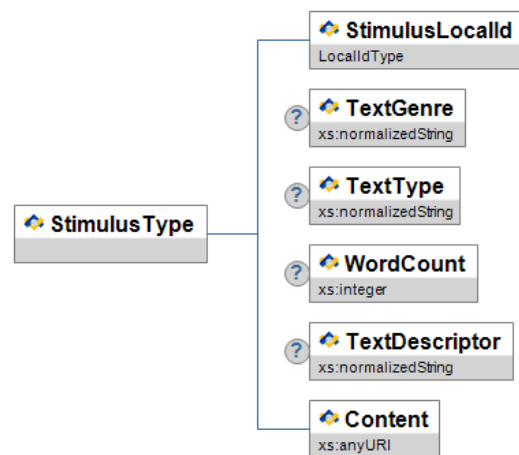
Figure A.282-1: StimulusType

Element/@Attribute	Char	Description	Type
StimulusType	OR	Description of a trigger for a response in a NAP test.	
StimulusLocalId	M	Item Identifier for Stimulus.	LocalIdType
TextGenre	O	Genre for Reading Stimulus Text.	xs:normalizedString
TextType	O	Genre for Reading Stimulus Text.	xs:normalizedString
WordCount	O	Word count for Reading Stimulus Text.	xs:integer
TextDescriptor	O	Text Descriptor.	xs:normalizedString
Content	M	Link to Stimulus.	xs:anyURI

Table A.282-1: StimulusType

A.283 StrategiesType

Teaching/learning strategies used in the learning resource.
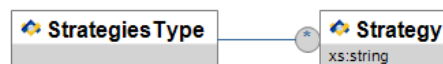
Figure A.283-1: StrategiesType

Element/@Attribute	Char	Description	Type
StrategiesType		Teaching/learning strategies used in the learning resource.	List
Strategy	OR	Teaching/learning strategy used in the learning resource. One per element.	xs:string

Table A.283-1: StrategiesType

A.284 StudentActivityType

Information regarding the co-curricular or extra-curricular activity.
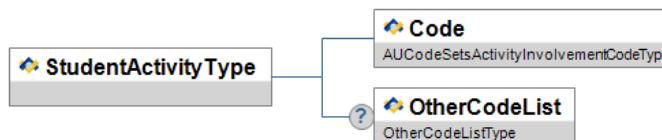
Figure A.284-1: StudentActivityType

Element/@Attribute	Char	Description	Type
StudentActivityType	M	Information regarding the co-curricular or extra-curricular activity.	
Code	M	Code identifying the co-curricular or extra-curricular activity.	AUCodeSetsActivityInvolvementCodeType
OtherCodeList	O	List of other codes or strings that crosswalk to or serve as translations of the Code element paired with this common element. If Code changes and OtherCodes are supported, both Code and all associated OtherCode elements must be present.	OtherCodeListType

Table A.284-1: StudentActivityType

A.285 StudentAttendanceCollectionReportingListType

A list of identifying information for the location reporting to STATS collection.
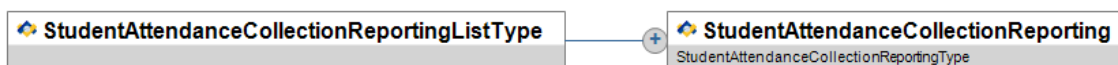
Figure A.285-1: StudentAttendanceCollectionReportingListType

Element/@Attribute	Char	Description	Type
StudentAttendanceCollectionReportingListType		A list of identifying information for the location reporting to STATS collection.	List
StudentAttendanceCollectionReporting	MR	The AddressCollection being reported on.	StudentAttendanceCollectionReportingType

Table A.285-1: StudentAttendanceCollectionReportingListType

A.286 StudentAttendanceCollectionReportingType

The StudentAttendanceCollection being reported on.
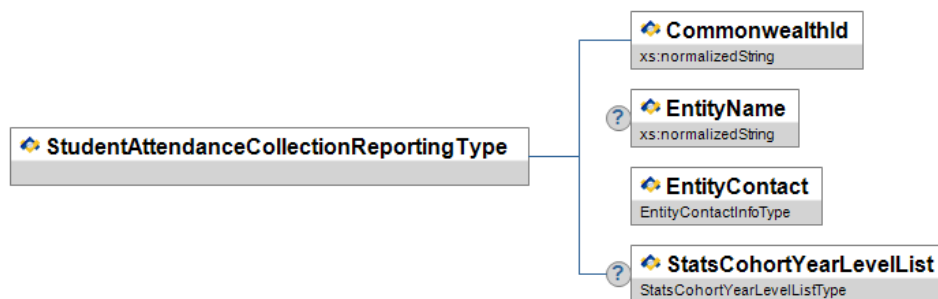
Figure A.286-1: StudentAttendanceCollectionReportingType

Element/@Attribute	Char	Description	Type
StudentAttendanceCollectionReportingType	MR	The StudentAttendanceCollection being reported on.	
CommonwealthId	M	Commonwealth identifier for this school/campus or entity being reported on.	xs:normalizedString
EntityName	O	Name of the Entity who this submission is for, if a School, it will be the SchoolName.	xs:normalizedString
EntityContact	M	Information on the Contact for the submission.	EntityContactInfoType
StatsCohortYearLevelList	O	A list of co-horts being reported on for this collection.	StatsCohortYearLevelListType

Table A.286-1: StudentAttendanceCollectionReportingType

A.287 StudentEntryContainerType

Container elements for EntryType information
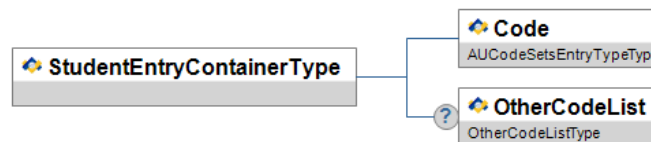
Figure A.287-1: StudentEntryContainerType

Element/@Attribute	Char	Description	Type
StudentEntryContainerType	O	Container elements for EntryType information	
Code	M	Code indicating the type of entry for this enrollment	AUCodeSetsEntryTypeType
OtherCodeList	O	List of other codes or strings that crosswalk to or serve as translations of the Code element paired with this common element. If Code changes and OtherCodes are supported, both Code and all associated OtherCode elements must be present.	OtherCodeListType

Table A.287-1: StudentEntryContainerType

A.288 StudentExitContainerType
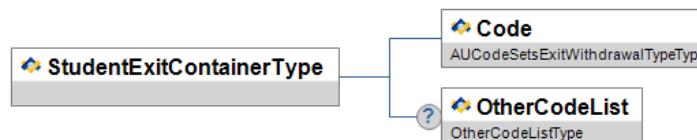
Figure A.288-1: StudentExitContainerType

Element/@Attribute	Char	Description	Type
StudentExitContainerType	O		
Code	M	Code indicating the type of exit for this enrollment.	AUCodeSetsExitWithdrawalTypeType
OtherCodeList	O	List of other codes or strings that crosswalk to or serve as translations of the Code element paired with this common element. If Code changes and OtherCodes are supported, both Code and all associated OtherCode elements must be present.	OtherCodeListType

Table A.288-1: StudentExitContainerType

A.289 StudentExitStatusContainerType

Container element for exit status codes.

Figure A.289-1: StudentExitStatusContainerType

Element/@Attribute	Char	Description	Type
StudentExitStatusContainerType	O	Container element for exit status codes.	
Code	M	Code indicating the closure status for this enrollment.	AUCodeSetsExitWithdrawalStatusType
OtherCodeList	O	List of other codes or strings that crosswalk to or serve as translations of the Code element paired with this common element. If Code changes and OtherCodes are supported, both Code and all associated OtherCode elements must be present.	OtherCodeListType

Table A.289-1: StudentExitStatusContainerType

A.290 StudentGradeMarkersListType

A list of staff members who were involved with the grading of the student, or who were responsible for any associated teacher judgement/s.
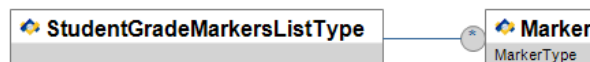
Figure A.290-1: StudentGradeMarkersListType

Element/@Attribute	Char	Description	Type
StudentGradeMarkersListType		A list of staff members who were involved with the grading of the student, or who were responsible for any associated teacher judgement/s.	List
Marker	OR	Staff member/s who were involved with the grading of the student, or who were responsible for any associated teacher judgement/s	MarkerType

Table A.290-1: StudentGradeMarkersListType

A.291 StudentGroupListType

A list of Student Groups
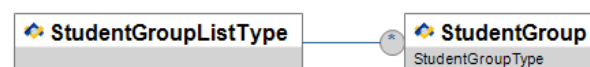
Figure A.291-1: StudentGroupListType

Element/@Attribute	Char	Description	Type
StudentGroupListType		A list of Student Groups	List
StudentGroup	OR	A grouping of students.	StudentGroupType

Table A.291-1: StudentGroupListType

A.292 StudentGroupType

A particular grouping of students used locally.
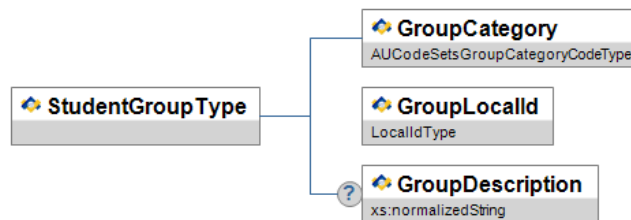
Figure A.292-1: StudentGroupType

Element/@Attribute	Char	Description	Type
StudentGroupType		A particular grouping of students used locally.	
GroupCategory	M	The category or type of group being described. Code set driven so permissions can increase as required.	AUCodeSetsGroupCategoryCodeType
GroupLocalId	M	LocalId of the Group.	LocalIdType
GroupDescription	O	Local Description of the Group.	xs:normalizedString

Table A.292-1: StudentGroupType

A.293 StudentListType

List of Students in this Teaching Group

Figure A.293-1: StudentListType

Element/@Attribute	Char	Description	Type
StudentListType		List of Students in this Teaching Group	List
TeachingGroupStudent	MR	Students who belong to the TeachingGroup	TeachingGroupStudentType

Table A.293-1: StudentListType

A.294 StudentMostRecentContainerType

Container for elements reflecting the most recent enrollment of a student. If the student is currently enrolled in the district, the elements contain current information.

StudentMostRecentContainerType

- **SchoolLocalId**
  LocalIdType
- **HomeroomLocalId**
  LocalIdType
- **YearLevel**
  YearLevelType
- **FTE**
  ↓xs:decimal
- **Parent1Language**
  AUCodeSetsAustralianStandardClassificationOfLanguagesASCLType
- **Parent2Language**
  AUCodeSetsAustralianStandardClassificationOfLanguagesASCLType
- **Parent1EmploymentType**
  AUCodeSetsEmploymentTypeType
- **Parent2EmploymentType**
  AUCodeSetsEmploymentTypeType
- **Parent1SchoolEducationLevel**
  AUCodeSetsSchoolEducationLevelTypeType
- **Parent2SchoolEducationLevel**
  AUCodeSetsSchoolEducationLevelTypeType
- **Parent1NonSchoolEducation**
  AUCodeSetsNonSchoolEducationType
- **Parent2NonSchoolEducation**
  AUCodeSetsNonSchoolEducationType
- **LocalCampusId**
  LocalIdType
- **SchoolACARAId**
  LocalIdType
- **TestLevel**
  YearLevelType
- **Homegroup**
  xs:normalizedString
- **ClassCode**
  xs:normalizedString
- **MembershipType**
  AUCodeSetsSchoolEnrollmentTypeType
- **FFPOS**
  AUCodeSetsFFPOSStatusCodeType
- **ReportingSchoolId**
  LocalIdType
- **OtherEnrollmentSchoolACARAId**
  LocalIdType
- **OtherSchoolName**
  xs:normalizedString
- **DisabilityLevelOfAdjustment**
  ↓xs:token
- **DisabilityCategory**
  ↓xs:token
- **CensusAge**

Figure A.294-1: StudentMostRecentContainerType

Element/@Attribute	Char	Description	Type
StudentMostRecentContainerType	O	Container for elements reflecting the most recent enrollment of a student. If the student is currently enrolled in the district, the elements contain current information.	
SchoolLocalId	O	Local identifier representing the school in which the student is or was most recently enrolled in the district.	`LocalIdType`
HomeroomLocalId	O	Local identifier representing the current or most recent homeroom in which the student is or was most recently assigned in the district. Use the value from `RoomInfo/HomeroomNumber` if supported. If not supported, use the value from `RoomInfo/RoomNumber`. If neither is supported, use the most appropriate value from the agent's application.	`LocalIdType`
YearLevel	O	The current or most recent year level of the student.	`YearLevelType`
FTE	O	Full-time equivalent numeric value of the student's course load during this enrollment, expressed in decimal form, where 1.00 represents a full-time enrollment.	`xs:decimal` `xs:minInclusive` 0 `xs:maxInclusive` 1 `xs:fractionDigits` 2
Parent1Language	O	Main language spoken by parent 1 at home, other than English.	`AUCodeSetsAustralianStandardClassificationOfLanguagesASCLType`
Parent2Language	O	Main language spoken by parent 2 at home, other than English.	`AUCodeSetsAustralianStandardClassificationOfLanguagesASCLType`
Parent1EmploymentType	O	Code that defines employment type of Parent1. This is compulsory if being used for MCEECDYA reporting.	`AUCodeSetsEmploymentTypeType`
Parent2EmploymentType	O	Code that defines employment type of Parent2. This is compulsory if being used for MCEECDYA reporting.	`AUCodeSetsEmploymentTypeType`
Parent1SchoolEducationLevel	O	The highest level of education completed by Parent1.	`AUCodeSetsSchoolEducationLevelTypeType`
Parent2SchoolEducationLevel	O	The highest level of education completed by Parent2.	`AUCodeSetsSchoolEducationLevelTypeType`
Parent1NonSchoolEducation	O	This reflects the level of Parent1's Non-School Education.	`AUCodeSetsNonSchoolEducationType`
Parent2NonSchoolEducation	O	This reflects the level of Parent2's Non-School Education.	`AUCodeSetsNonSchoolEducationType`
LocalCampusId	O	Local identifier for a specific campus Id. This may be the same as the school local Id, but is expected to be supplied only if the school does in fact have distinct campuses.	`LocalIdType`
SchoolACARAId	O	Identifier of the school in which the student is or was most recently enrolled in the district, as assigned in the Australian School List.	`LocalIdType`
TestLevel	O	Values: 3,5,7,9. The test level that the student is registering for.	`YearLevelType`
Homegroup	O	The name of the homegroup the student enrollment belongs to.	`xs:normalizedString`
ClassCode	O	The name of the class code the student belongs to, for the purposes of NAPLAN registration.	`xs:normalizedString`

Element/@Attribute	Char	Description	Type
MembershipType	O	The type of this enrollment as it relates to the school identified in SchoolInfoRefId.	AUCodeSetsSchoolEnrollmentTypeType
FFPOS	O	Enrolled Full-fee Paying Overseas Student (FFPOS) Status. Enrolment Frame Element 10 NSCC Collection. The status of an enrolment in a CRICOS course and whether the person is liable for a fee which reflects the imputed full average cost of the person's education at the school (including both recurrent and capital costs) irrespective of the actual arrangements to meet the fee.	AUCodeSetsFFPOSStatusCodeType
ReportingSchoolId	O	This is the school ACARAId to which student's report is to be made available.	LocalIdType
OtherEnrollmentSchoolACARAId	O	ACARAId of other school that student is enrolled in, if known, as assigned in the Australian School List.	LocalIdType
OtherSchoolName	O	If this student is enrolled in another school, details of other school.	xs:normalizedString
DisabilityLevelOfAdjustment	O	Level of Adjustment made for a student's disability. None if there is no adjustment.	**values:** QDTP support provided within Quality Differentiated Teaching Practice Supplementary Substantial Extensive None
DisabilityCategory	O	Category of a student's disability. None if no disability.	**values:** Physical Cognitive Social-Emotional Sensory None
CensusAge	O	Age of the Student calculated for Non-gov Census reporting.	xs:integer
DistanceEducationStudent	O	Is this student a Distance Education Student for Non-gov Census reporting.	AUCodeSetsYesOrNoCategoryType
BoardingStatus	O	Is this student a Boarding or Day Student for AG Collection reporting?	AUCodeSetsBoardingType

Table A.294-1: StudentMostRecentContainerType

A.295 StudentsType

GUID from the StudentPersonal Object that identifies the student.

Figure A.295-1: StudentsType

Element/@Attribute	Char	Description	Type
StudentsType		GUID from the StudentPersonal Object that identifies the student.	List
StudentPersonalRefId	OR	Link to a student.	IdRefType

Table A.295-1: StudentsType

A.296 StudentSubjectChoiceListType

List of Student Subject Choices where available.

Figure A.296-1: StudentSubjectChoiceListType

Element/@Attribute	Char	Description	Type
StudentSubjectChoiceListType		List of Student Subject Choices where available.	List
StudentSubjectChoice	MR	Subjects Students Choose	StudentSubjectChoiceType

Table A.296-1: StudentSubjectChoiceListType

A.297 StudentSubjectChoiceType

Subjects Students Choose
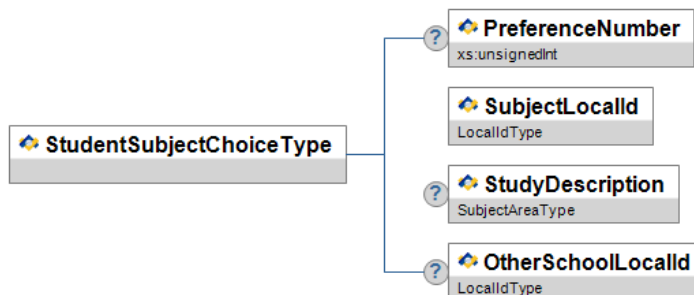
Figure A.297-1: StudentSubjectChoiceType

Element/@Attribute	Char	Description	Type
StudentSubjectChoiceType	MR	Subjects Students Choose	
PreferenceNumber	O	Subject Priority	xs:unsignedInt
SubjectLocalId	M	Local Subject Id	LocalIdType
StudyDescription	O	Description about Study Mode.	SubjectAreaType
OtherSchoolLocalId	O	Local Id of a school where the student studies this subject if not at the home school.	LocalIdType

Table A.297-1: StudentSubjectChoiceType

A.298 SubjectAreaListType

A list of subject areas.

Figure A.298-1: SubjectAreaListType

Element/@Attribute	Char	Description	Type
SubjectAreaListType		A list of subject areas.	List
SubjectArea	MR	Subject matter of a student's study.	SubjectAreaType

Table A.298-1: SubjectAreaListType

```
<SubjectAreaList>
  <SubjectArea>
    <Code>05</Code>
    <OtherCodeList>
      <OtherCode Codeset="Text">Graphic Arts</OtherCode>
      <OtherCode Codeset="Local">GRA</OtherCode>
    </OtherCodeList>
  </SubjectArea>
  <SubjectArea>
    <Code>06</Code>
    <OtherCodeList>
      <OtherCode Codeset="Text">Visual Arts</OtherCode>
    </OtherCodeList>
  </SubjectArea>
</SubjectAreaList>
```

Example A.298-1: SubjectAreaListType

A.299 SubjectAreaType
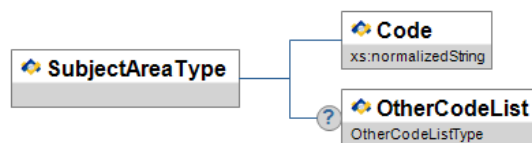
Subject matter.

Figure A.299-1: SubjectAreaType

Element/@Attribute	Char	Description	Type
SubjectAreaType		Subject matter.	
Code	M	The subject area details	xs:normalizedString
OtherCodeList	O		OtherCodeListType

Table A.299-1: SubjectAreaType

```
<SubjectArea>
  <Code>05</Code>
  <OtherCodeList>
    <OtherCode Codeset="Text">Graphic Arts</OtherCode>
  </OtherCodeList>
</SubjectArea>
```

Example A.299-1: SubjectAreaType

A.300 SubstituteItemListType
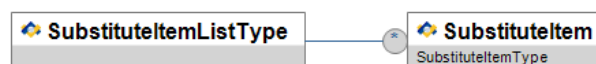
Figure A.300-1: SubstituteItemListType

Element/@Attribute	Char	Description	Type
SubstituteItemListType			List
SubstituteItem	OR	Substitute Item.	SubstituteItemType

Table A.300-1: SubstituteItemListType

A.301 SubstituteItemType
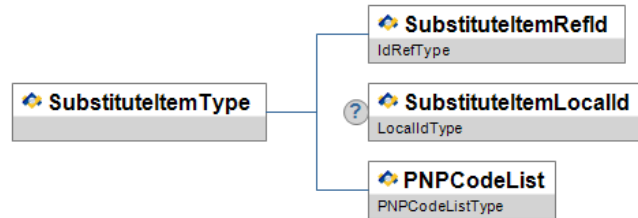
Figure A.301-1: SubstituteItemType

Element/@Attribute	Char	Description	Type
SubstituteItemType	OR		
SubstituteItemRefId	M	The GUID that identifies the test item.	IdRefType
SubstituteItemLocalId	O	Local identifier of the test item.	LocalIdType
PNPCodeList	M	Adjustment code for which the substitute item is applicable.	PNPCodeListType

Table A.301-1: SubstituteItemType

A.302 SuspensionContainerType

Container for details of a Removal/Suspension.

Figure A.302-1: SuspensionContainerType

Element/@Attribute	Char	Description	Type
SuspensionContainerType		Container for details of a Removal/Suspension.	
SuspensionCategory	M	Categorisation of a Suspension record to fall into, In School, Withdrawal, Expulsion/Exclusion etc. In School is usually NOT formally recognised by a jurisdiction but managed at a school level where the student is temporarily withdrawn from normal classes. Expulsion/Exclusion may mean the student's attendance at a school is terminated.	AUCodeSetsSuspensionCategoryType
SuspensionNotes	O	Notes about the Suspension.	xs:string
WithdrawalTimeList	O	A List of the times where a student is to be removed or withdrawn partially for particular times in a week within the Start and End dates of the Response.	WithdrawalTimeListType
Duration	O	The duration of a Suspension in days 0.00 - X.xx. (Half Day = 0.5, Full Day = 1.0 or the percentage of any day.) Must be provided for a Suspension when known.	xs:decimal
AdvisementDate	O	The date parent/carers were officially notified.	xs:date
ResolutionMeetingTime	O	The date and time at which a meeting with the student's parents/carers was held to resolve the Suspension.	xs:dateTime
ResolutionNotes	O	Comments about how the Suspension has been resolved, including any reparative actions the student needs to take.	xs:string
EarlyReturnDate	O	The date at which the student was permitted to return to school earlier than the agreed duration would have allowed.	xs:date
Status	O	Current Status.	AUCodeSetsWellbeingStatusType

Table A.302-1: SuspensionContainerType

A.303 SymptomListType

A list of symptoms that are deemed necessary to record; e.g. Symptoms of Asthma could be a cough or wheeze etc.
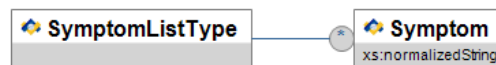
Figure A.303-1: SymptomListType

Element/@Attribute	Char	Description	Type
SymptomListType		A list of symptoms that are deemed necessary to record; e.g. Symptoms of Asthma could be a cough or wheeze etc.	List
Symptom	OR	Symptom/s that are deemed necessary to record; e.g. Symptoms of Asthma could be a cough or wheeze etc.	xs:normalizedString

Table A.303-1: SymptomListType

A.304 SystemContextListType

At least one SystemContext must be provided.

Figure A.304-1: SystemContextListType

Element/@Attribute	Char	Description	Type
SystemContextListType	M	At least one SystemContext must be provided.	List
SystemContext	MR	Details about enterprise roles for an Identity/Personal Object for subscribing systems	SystemContextType

Table A.304-1: SystemContextListType

A.305 SystemContextType

Details about enterprise roles for an Identity/Personal Object for subscribing systems
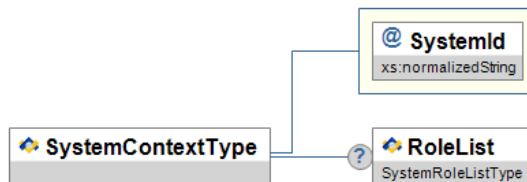
Figure A.305-1: SystemContextType

Element/@Attribute	Char	Description	Type
SystemContextType		Details about enterprise roles for an Identity/Personal Object for subscribing systems	
@ SystemId	M	Id of the system that this SystemContext relates to.	xs:normalizedString
RoleList	O	List of Roles.	SystemRoleListType

Table A.305-1: SystemContextType

A.306 SystemRoleElementType

Role of the entity this object describes in the SystemContext.
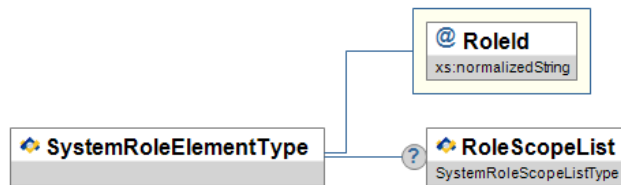
Figure A.306-1: SystemRoleElementType

Element/@Attribute	Char	Description	Type
SystemRoleElementType		Role of the entity this object describes in the SystemContext.	
@ RoleId	M	Role of the entity this object describes in the SystemContext. **Examples** Admin User	xs:normalizedString
RoleScopeList	O		SystemRoleScopeListType

Table A.306-1: SystemRoleElementType

A.307 SystemRoleListType

List of Roles.
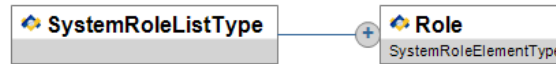
Figure A.307-1: SystemRoleListType

Element/@Attribute	Char	Description	Type
SystemRoleListType	O	List of Roles.	List
Role	MR	Role of the entity this object describes in the SystemContext.	SystemRoleElementType

Table A.307-1: SystemRoleListType

A.308 SystemRoleObjectRefIdType

The SIF RefId that provides the source Object for this SystemRole Object.

Figure A.308-1: SystemRoleObjectRefIdType

	Element/@Attribute	Char	Description	Type
	SystemRoleObjectRefIdType	M	The SIF RefId that provides the source Object for this SystemRole Object.	IdRefType
@	SIF_RefObject	M	The type of SIF object that the SIF_RefId attribute identifies.	**values:** Identity StudentPersonal StaffPersonal StudentContactPersonal

Table A.308-1: SystemRoleObjectRefIdType

A.309 SystemRoleScopeListType

Figure A.309-1: SystemRoleScopeListType

Element/@Attribute	Char	Description	Type
SystemRoleScopeListType	O		List
RoleScope	MR	Container	SystemRoleScopeType

Table A.309-1: SystemRoleScopeListType

A.310 SystemRoleScopeRefIdType

The SIF_RefId that provides the source Object for this RoleScope.

One of RoleScopeName or associated RefId must be provided.

Figure A.310-1: SystemRoleScopeRefIdType

Element/@Attribute	Char	Description	Type
SystemRoleScopeRefIdType	C	The SIF_RefId that provides the source Object for this RoleScope. One of RoleScopeName or associated RefId must be provided.	IdRefType
@ SIF_RefObject	M	The type of SIF object that the SIF_RefId attribute identifies.	values: SchoolInfo TeachingGroup StudentActivityParticipation

Table A.310-1: SystemRoleScopeRefIdType

A.311 SystemRoleScopeType

Container
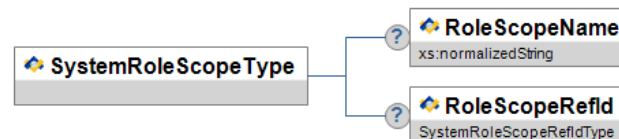
Figure A.311-1: SystemRoleScopeType

Element/@Attribute	Char	Description	Type
SystemRoleScopeType	MR	Container	
RoleScopeName	C	The group/OU this role is applicable to. One of RoleScopeName or associated RefId must be provided.	xs:normalizedString
RoleScopeRefId	C	The SIF_RefId that provides the source Object for this RoleScope. One of RoleScopeName or associated RefId must be provided.	SystemRoleScopeRefIdType

Table A.311-1: SystemRoleScopeType

A.312 TeacherCoverType

Substructure to allow representing instances where teachers only take subsets of an event. Most typically, this occurs with exam supervision, where each teacher gets a 1-period duty. It also happens with schools with e.g. 4 long periods per day: a period of 1hr20mins can be split into 2 halves of 40 minutes each.
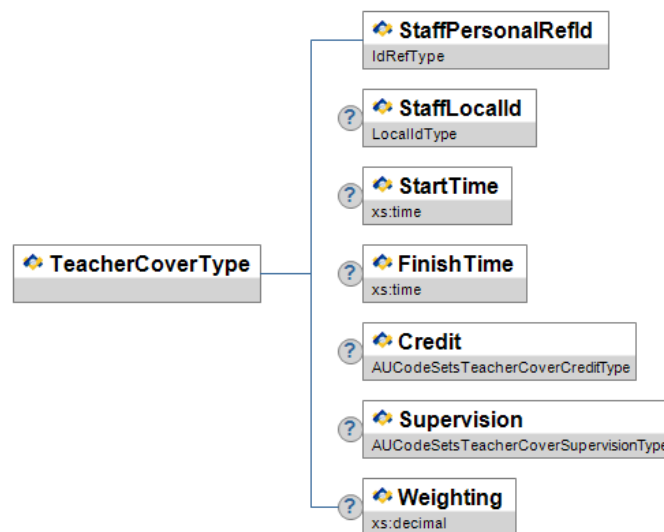
Figure A.312-1: TeacherCoverType

Element/@Attribute	Char	Description	Type
TeacherCoverType	MR	Substructure to allow representing instances where teachers only take subsets of an event. Most typically, this occurs with exam supervision, where each teacher gets a 1-period duty. It also happens with schools with e.g. 4 long periods per day: a period of 1hr20mins can be split into 2 halves of 40 minutes each.	
StaffPersonalRefId	M	The Id (GUID) of the StaffPersonal record for the teacher supervising the event or event subset.	IdRefType
StaffLocalId	O	LocalId of the StaffPersonal record for the teacher supervising the event or event subset.	LocalIdType
StartTime	O	Start time for the subset of the event which the teacher supervises. If not present then we assume this teacher will be on the event for the full duration.	xs:time
FinishTime	O	Finish time for the subset of the event which the teacher supervises. If not present then we assume this teacher will be on the event for the full duration. Either both or neither StartTime and FinishTime should be provided.	xs:time
Credit	O	How the activity is credited, from the perspective of the teacher(s) supervising the event. If a teacher is substituting for the normal teacher supervising, the credit indicates how the substituting teacher is credited.	AUCodeSetsTeacherCoverCreditType
Supervision	O	How intensively the teacher supervises the activity.	AUCodeSetsTeacherCoverSupervisionType
Weighting	O	Weighting of credit assigned to teacher for activity. Assumes default of 1.0 assigned for classroom duty.	xs:decimal

Table A.312-1: TeacherCoverType

A.313 TeacherListType

A List of teachers associated with the group - may or may not include the teacher timetabled in the schedule.

Figure A.313-1: TeacherListType

Element/@Attribute	Char	Description	Type
TeacherListType		A List of teachers associated with the group - may or may not include the teacher timetabled in the schedule.	List
TeachingGroupTeacher	MR	Teacher associated with the Teaching group - may or may not be the teacher timetabled in the schedule	TeachingGroupTeacherType

Table A.313-1: TeacherListType

A.314 TeachingGroupListType

Teaching groups which are scheduled to attend the event. Not required for cyclical events, as this would be expected to be provided from TimeTableCell/TeachingGroup instead.

Figure A.314-1: TeachingGroupListType

Element/@Attribute	Char	Description	Type
TeachingGroupListType		Teaching groups which are scheduled to attend the event. Not required for cyclical events, as this would be expected to be provided from TimeTableCell/TeachingGroup instead.	List
TeachingGroupRefId	MR	GUID from the TeachingGroup Object that identifies this TeachingGroup.	IdRefType

Table A.314-1: TeachingGroupListType

A.315 TeachingGroupPeriodListType

A List of schedule information that can be published by an SIS which is a subset of information available in the TimeTableCell object.

PeriodId or StartTime must be provided.

Figure A.315-1: TeachingGroupPeriodListType

Element/@Attribute	Char	Description	Type
TeachingGroupPeriodListType		A List of schedule information that can be published by an SIS which is a subset of information available in the TimeTableCell object. PeriodId or StartTime must be provided.	List
TeachingGroupPeriod	MR	Timeslot information that can be published by an SIS which is a subset of information available in the TimeTableCell object.	TeachingGroupPeriodType

Table A.315-1: TeachingGroupPeriodListType

A.316 TeachingGroupPeriodType

Timeslot information that can be published by an SIS which is a subset of information available in the TimeTableCell object.
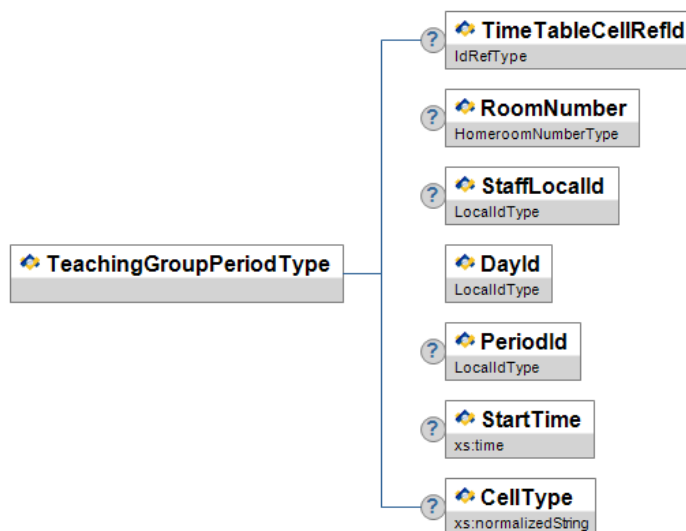
Figure A.316-1: TeachingGroupPeriodType

Element/@Attribute	Char	Description	Type
TeachingGroupPeriodType	MR	Timeslot information that can be published by an SIS which is a subset of information available in the TimeTableCell object.	
TimeTableCellRefId	O	If the TimeTableCell has been previously published, this reference can be provided as a connection to more detailed schedule information.	IdRefType
RoomNumber	O	Room number as presented to the user/application.	HomeroomNumberType
StaffLocalId	O	Local Id of Staff member scheduled to take this class.	LocalIdType
DayId	M	Day Id	LocalIdType
PeriodId	C	Period Id within the Day Id. Either Period Id or starting time must be provided.	LocalIdType
StartTime	C	Starting time of class within the Day Id. Either Period Id or starting time must be provided.	xs:time
CellType	O	Type of Lesson/Session eg Teaching, Lunch etc	xs:normalizedString

Table A.316-1: TeachingGroupPeriodType

A.317 TeachingGroupScheduleListType

.
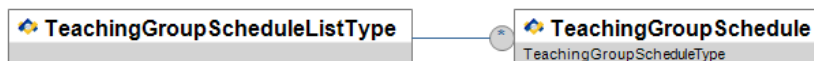
Figure A.317-1: TeachingGroupScheduleListType

Element/@Attribute	Char	Description	Type
TeachingGroupScheduleListType		.	
TeachingGroupSchedule	OR		TeachingGroupScheduleType

Table A.317-1: TeachingGroupScheduleListType

A.318 TeachingGroupScheduleType

.
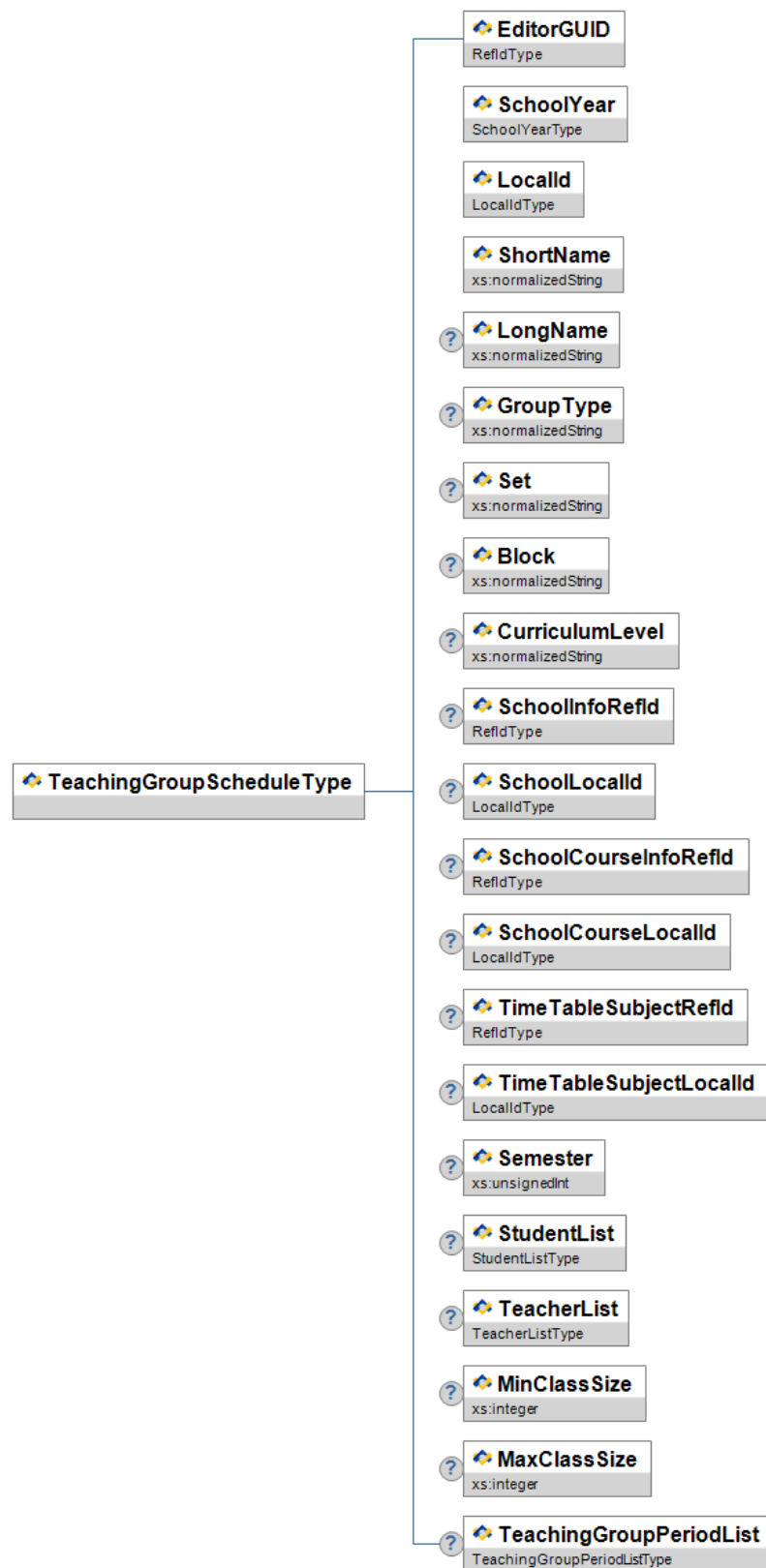
Figure A.318-1: TeachingGroupScheduleType

Element/@Attribute	Char	Description	Type
TeachingGroupScheduleType		.	
EditorGUID	M	The GUID of the TeachingGroup as provided by the 'editor' or TT vendor. Final provider of the end point may use this as the official RefId of the publishable TeachingGroup Object.	RefIdType
SchoolYear	M	School year for which the information is applicable, expressed as the four-digit year in which the school year ends (e.g., "2007").	SchoolYearType
LocalId	M	LocalId of the Teaching Group (previously ClassIndicator).	LocalIdType
ShortName	M	Short free format label that describes the group.	xs:normalizedString
LongName	O	Longer description if required.	xs:normalizedString
GroupType	O	Added to allow local implementations to filter on categories of Teaching Group. Where there is a need to filter particular groups based on their types for particular functions; group type provides the means of identifying the type of group such as roll class or subject class for instance and treat them accordingly.	xs:normalizedString
Set	O	Set Number (UK)	xs:normalizedString
Block	O	Block (UK)	xs:normalizedString
CurriculumLevel	O	Assessment Stage eg VELS Level	xs:normalizedString
SchoolInfoRefId	O	GUID of SchoolInfo object this teaching group belongs to.	RefIdType
SchoolLocalId	O	Local School Id.	LocalIdType
SchoolCourseInfoRefId	O	GUID of SchoolCourseInfo object this teaching group is part of.	RefIdType
SchoolCourseLocalId	O	Local Course Id.	LocalIdType
TimeTableSubjectRefId	O	GUID of TimeTableSubject object this teaching group belongs to.	RefIdType
TimeTableSubjectLocalId	O	Local subject Id.	LocalIdType
Semester	O	Semester, Term, or Quarter subject offered.	xs:unsignedInt
StudentList	O	List of Students in this Teaching Group	StudentListType
TeacherList	O	A List of teachers associated with the group - may or may not include the teacher timetabled in the schedule.	TeacherListType
MinClassSize	O	Minimum class size.	xs:integer

Element/@Attribute	Char	Description	Type
MaxClassSize	O	Maximum class size	xs:integer
TeachingGroupPeriodList	O	A List of schedule information that can be published by an SIS which is a subset of information available in the TimeTableCell object. PeriodId or StartTime must be provided.	TeachingGroupPeriodListType

Table A.318-1: TeachingGroupScheduleType

A.319 TeachingGroupStudentType

Students who belong to the TeachingGroup
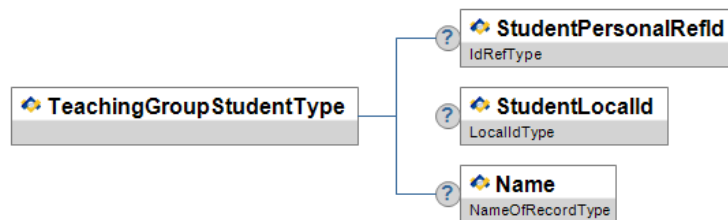
Figure A.319-1: TeachingGroupStudentType

Element/@Attribute	Char	Description	Type
TeachingGroupStudentType	MR	Students who belong to the TeachingGroup	
StudentPersonalRefId	C	GUID from the StudentPersonal that identifies the student. Either StudentPersonalRefidId or StudentLocalId should be supplied.	IdRefType
StudentLocalId	C	Local Id of the Student. Either StudentPersonalRefidId or StudentLocalId should be supplied.	LocalIdType
Name	O	Name of student	NameOfRecordType

Table A.319-1: TeachingGroupStudentType

A.320 TeachingGroupTeacherType

Teacher associated with the Teaching group - may or may not be the teacher timetabled in the schedule
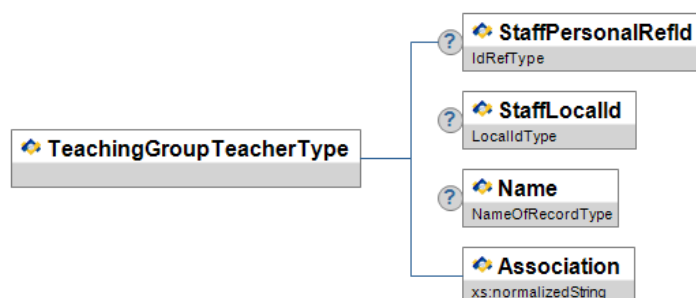
Figure A.320-1: TeachingGroupTeacherType

Element/@Attribute	Char	Description	Type
TeachingGroupTeacherType	MR	Teacher associated with the Teaching group - may or may not be the teacher timetabled in the schedule	
StaffPersonalRefId	C	GUID from the StaffPersonal Object that identifies the Staff member. Either StaffPersonalRefidId or StaffLocalId should be supplied.	IdRefType
StaffLocalId	C	LocalId of the Staff member. Either StaffPersonalRefidId or StaffLocalId should be supplied.	LocalIdType
Name	O	Name of Staff Member.	NameOfRecordType
Association	M	Association with the Teaching Group (free format for this release)	xs:normalizedString

Table A.320-1: TeachingGroupTeacherType

A.321 TechnicalRequirementsType

List of Operating system, network, and other technical requirements for the activity, if applicable.

Figure A.321-1: TechnicalRequirementsType

Element/@Attribute	Char	Description	Type
TechnicalRequirementsType		List of Operating system, network, and other technical requirements for the activity, if applicable.	List
TechnicalRequirement	O	an operating system, network, or other technical requirement.	xs:string

Table A.321-1: TechnicalRequirementsType

A.322 TestDisruptionListType

Figure A.322-1: TestDisruptionListType

Element/@Attribute	Char	Description	Type
TestDisruptionListType			List
TestDisruption	OR	An event disrupting a test session	TestDisruptionType

Table A.322-1: TestDisruptionListType

A.323 TestDisruptionType

This is an alert message that is associated with the student.

Figure A.323-1: TestDisruptionType

Element/@Attribute	Char	Description	Type
TestDisruptionType	OR	This is an alert message that is associated with the student.	
Event	M	A description of a special event which disrupted the test session.	xs:normalizedString

Table A.323-1: TestDisruptionType

A.324 TextDataType

Contains arbitrary text, encoded in UTF-8.
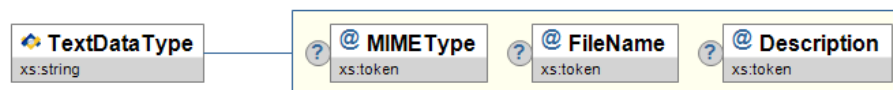
Figure A.324-1: TextDataType

Element/@Attribute	Char	Description	Type
TextDataType		Contains arbitrary text, encoded in UTF-8.	xs:string
@ MIMEType	O	Optional MIME type to specifically indicate the text type. Otherwise `text/plain` can be assumed.	xs:token
@ FileName	O	Optional file name to indicate the file from which the content originated, or to suggest a name to use when saving the content.	xs:token
@ Description	O	Contains an optional description of the content or a processing hint with regard to its structure (e.g. named standard, file layout or XSD). Contents may be mandated in instances of this type, or types that follow the `AbstractContentPackageType` pattern.	xs:token

Table A.324-1: TextDataType

A.325 TimeElementListType

Figure A.325-1: TimeElementListType

Element/@Attribute	Char	Description	Type
TimeElementListType	O		List
TimeElement	OR		TimeElementType

Table A.325-1: TimeElementListType

A.326 TimeElementType

A common metadata element designed to contain time data, both self-defined and by type.
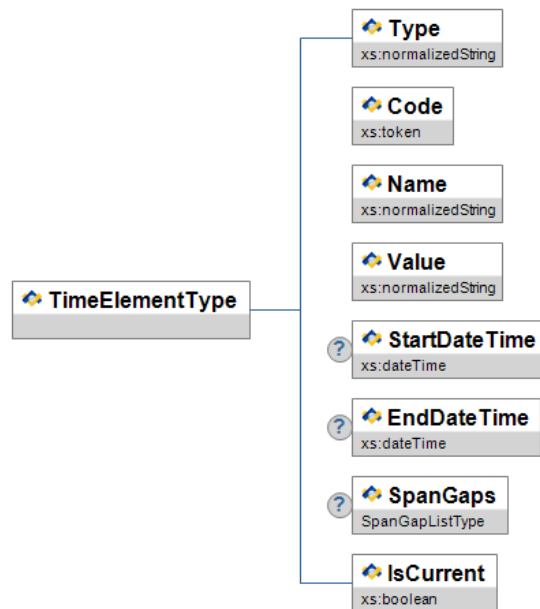
Figure A.326-1: TimeElementType

Element/@Attribute	Char	Description	Type
TimeElementType		A common metadata element designed to contain time data, both self-defined and by type.	

Type	M	This element is designed to contain the time period attached to an object. Very long periods (school year, quarter, etc.) and very small periods (second, millisecond, etc.) can be defined. This element provides a scoping description of the time metadata enclosed.
		
		Because the educational environment varies so greatly we are including here a suggested but not prescriptive list of values. Although there may be unique needs for values not covered here—and we may have missed a major one—a best practice would be to utilize the examples here to enhance interoperability.
		
		Examples
		`Full school year`
		`Mini-term`
		`Long session`
		`Other`
		`Semester`
		`Trimester`
		`Quarter`
		`Spring Vacation`
		`Summer Term`
		`Intercession`
		`Holiday`
			xs:normalizedString

Code	M	This element provides a place for the application to send structured data (code values, unique identifier, timestamps). This code value can, depending upon the use case agreement between agents, be used to qualify the data in the `Value` element.
		
		Examples
		`2007SY`
		`2006.FallConferences`
			xs:token

Name	M	Contains a human-readable description of the value in `Value`.
		
		Examples
		`Class of '07`
		`Fall 2007 Parent-Teacher Conferences`
			xs:normalizedString

Value	M	Contains the human-readable value.
		
		Examples
		`2007`
		`Evening of 10/12/06`
			xs:normalizedString

StartDateTime	O	StartDateTime	xs:dateTime
EndDateTime	O	EndDateTime	xs:dateTime
SpanGaps	O	A container element for holding multiple possible span gaps.	SpanGapListType
IsCurrent	M	This element allows for the system to tag an object as being explicitly current. Although the baseline assumption in SIF is that objects are always current (default value is typically `true`), there are use cases when that is not the case.	xs:boolean

Table A.326-1: TimeElementType

JSON 🗒   **XML** 🗒

```
<TimeElement>
  <Type>Full school year</Type>
  <Code>01</Code>
  <Name>2004/2005 School Year</Name>
  <Value>2004-2005</Value>
  <StartDateTime>2004-09-01T08:00:00-05:00</StartDateTime>
  <EndDateTime>2005-06-30T15:00:00-05:00</EndDateTime>
  <SpanGaps>
    <SpanGap>
      <Type>Holiday</Type>
      <Code>02</Code>
      <Name>2005 Winter Break</Name>
      <Value>2005 Winter Break</Value>
      <StartDateTime>2005-02-21T15:00:00-05:00</StartDateTime>
      <EndDateTime>2005-02-25T08:00:00-05:00</EndDateTime>
    </SpanGap>
  </SpanGaps>
  <IsCurrent>true</IsCurrent>
</TimeElement>
```

Example A.326-1: TimeElementType

A.327 TimeTableDayListType

Container for TimeTableDays in Schedule
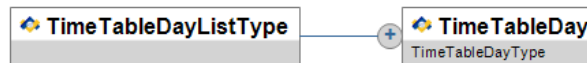
Figure A.327-1: TimeTableDayListType

Element/@Attribute	Char	Description	Type
TimeTableDayListType		Container for TimeTableDays in Schedule	List
TimeTableDay	MR	This element identifies a 'day' in a TimeTable.	TimeTableDayType

Table A.327-1: TimeTableDayListType

A.328 TimeTableDayType

This element identifies a 'day' in a TimeTable.
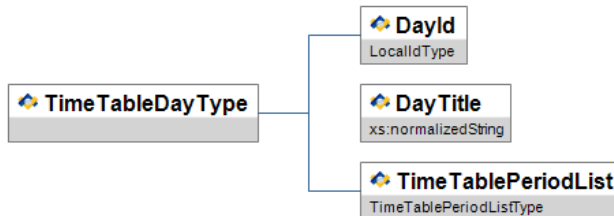
Figure A.328-1: TimeTableDayType

Element/@Attribute	Char	Description	Type
TimeTableDayType	MR	This element identifies a 'day' in a TimeTable.	
DayId	M	Local Time Table Identifier	LocalIdType
DayTitle	M	Title of the day referred to.	xs:normalizedString
TimeTablePeriodList	M	List of Timetable periods.	TimeTablePeriodListType

Table A.328-1: TimeTableDayType

A.329 TimeTablePeriodListType

Figure A.329-1: TimeTablePeriodListType

Element/@Attribute	Char	Description	Type
TimeTablePeriodListType			List
TimeTablePeriod	MR	Container for TimeTablePeriods in a Time Table Day	TimeTablePeriodType

Table A.329-1: TimeTablePeriodListType

A.330 TimeTablePeriodType

Container for TimeTablePeriods in a Time Table Day
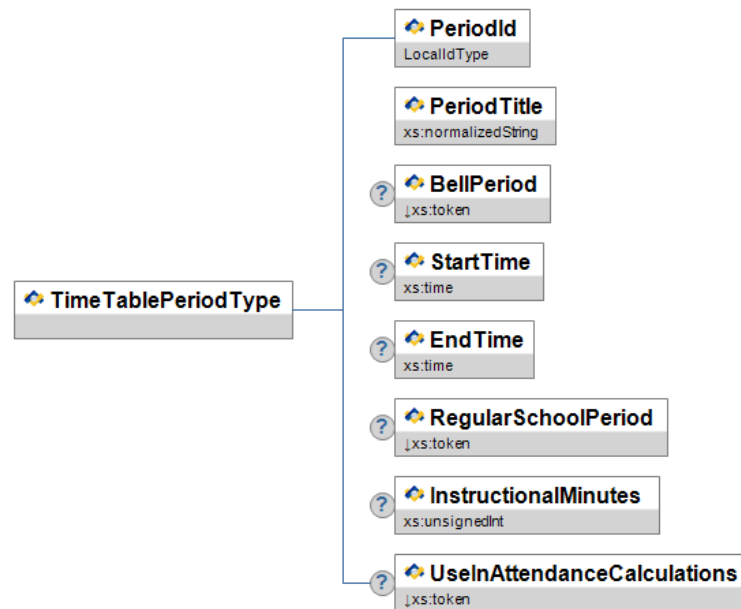
Figure A.330-1: TimeTablePeriodType

Element/@Attribute	Char	Description	Type
TimeTablePeriodType	MR	Container for TimeTablePeriods in a Time Table Day	
PeriodId	M	Period in Day Identifier	LocalIdType
PeriodTitle	M	Title of Period eg. Session 1 or Period 1	xs:normalizedString
BellPeriod	O	Indicates if this Period will require a 'bell', if 'yes' the following elements can be provided in the TimeTable Object.	**values:** Yes No
StartTime	O	The starting time for the bell period.	xs:time
EndTime	O	The ending time for the bell period.	xs:time
RegularSchoolPeriod	O	Indicates if the bell period is part of the regular school day (i.e. is not a before or after school or break period).	**values:** Yes No
InstructionalMinutes	O	The number of minutes to be counted for instruction for the bell period.	xs:unsignedInt
UseInAttendanceCalculations	O	Indicates if the bell period should be included in attendance calculations.	**values:** Yes No

Table A.330-1: TimeTablePeriodType

A.331 TimeTableScheduleCellListType

.

Figure A.331-1: TimeTableScheduleCellListType

Element/@Attribute	Char	Description	Type
TimeTableScheduleCellListType		.	
TimeTableScheduleCell	OR		TimeTableScheduleCellType

Table A.331-1: TimeTableScheduleCellListType

A.332 TimeTableScheduleCellType

.
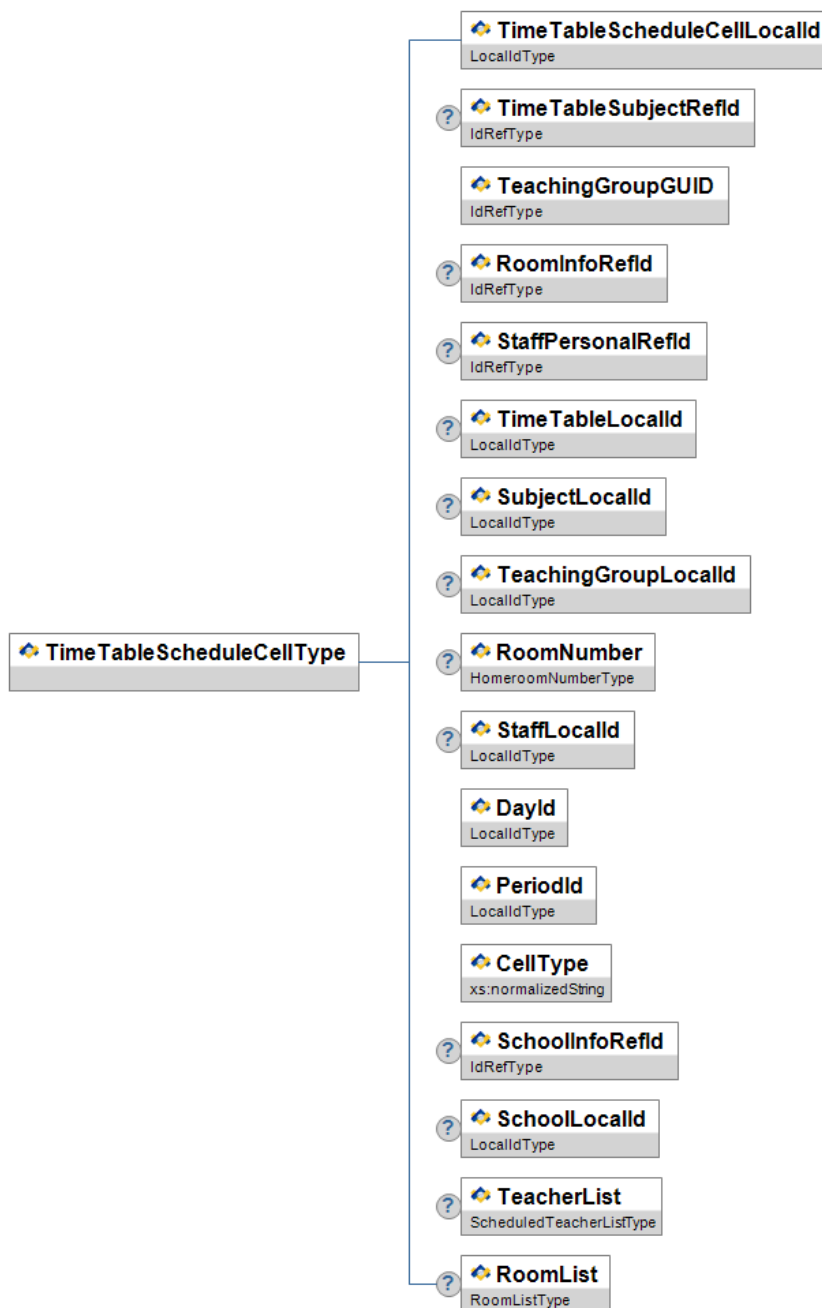
Figure A.332-1: TimeTableScheduleCellType

Element/@Attribute	Char	Description	Type
TimeTableScheduleCellType		.	
TimeTableScheduleCellLocalId	M	Local Identifier of this cell. Must be provided by the publisher.	LocalIdType
TimeTableSubjectRefId	O	The GUID of the Subject that this Cell is scheduling	IdRefType
TeachingGroupGUID	M	The GUID of the TeachingGroup being scheduled, provivded by the editor, the Provider of the endpoint can use this as a RefId, if they wish to.	IdRefType
RoomInfoRefId	O	The GUID of the Resource being Scheduled	IdRefType
StaffPersonalRefId	O	The GUID of the Staff Member being Scheduled	IdRefType
TimeTableLocalId	O	Time Table Local Identifier	LocalIdType
SubjectLocalId	O	Subject Local Id	LocalIdType
TeachingGroupLocalId	O	Teaching Group	LocalIdType
RoomNumber	O	Room number as presented to the user/application.	HomeroomNumberType
StaffLocalId	O	Staff LocalId	LocalIdType
DayId	M	Day Id	LocalIdType
PeriodId	M	Period Id within the Day Id	LocalIdType
CellType	M	Type of Lesson/Session eg Teaching, Lunch etc	xs:normalizedString
SchoolInfoRefId	O	Optional, the GUID of the SchoolInfo Object if this object is known in the zone	IdRefType
SchoolLocalId	O	Optional, Local School Id	LocalIdType
TeacherList	O	A listing of the teachers assigned to the activity, and the type of supervision they are credited with. If no teachers are listed, the activity is assumed to be unsupervised.	ScheduledTeacherListType
RoomList	O	List of rooms in which the scheduled activity is held. Used for onsite venues which are represented in the source system as rooms. Can include large venues (ovals, library, etc), if they have been represented as rooms; source system practice varies.	RoomListType

Table A.332-1: TimeTableScheduleCellType

A.333 TimeTableScheduleType

.
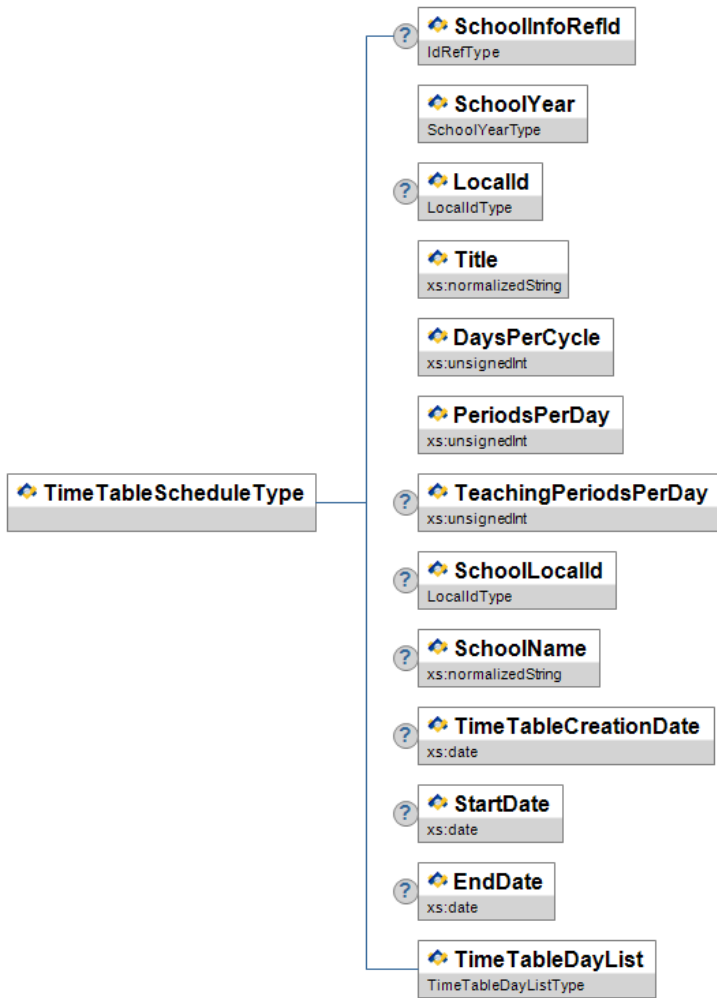
Figure A.333-1: TimeTableScheduleType

Element/@Attribute	Char	Description	Type
TimeTableScheduleType		.	
SchoolInfoRefId	O	Optional, the GUID of the SchoolInfo Object if this object is known in the zone.	IdRefType
SchoolYear	M	School year for which the information is applicable, expressed as the four-digit year in which the school year ends (e.g., "2007").	SchoolYearType
LocalId	O	Local TimeTable ID	LocalIdType
Title	M	Unique Name of the proposed Time Table	xs:normalizedString
DaysPerCycle	M	Max Number of days per Time Table cycle	xs:unsignedInt
PeriodsPerDay	M	Max Number of periods per Time Table Day	xs:unsignedInt
TeachingPeriodsPerDay	O	Teaching periods per day if different to PeriodsPerDay	xs:unsignedInt
SchoolLocalId	O	Optional Local School Id	LocalIdType
SchoolName	O	The school name in plain text.	xs:normalizedString
TimeTableCreationDate	O	Date Schedule was created or last edited.	xs:date
StartDate	O	First day of TimeTable.	xs:date
EndDate	O	Last day of the TimeTable.	xs:date
TimeTableDayList	M	Container for TimeTableDays in Schedule	TimeTableDayListType

Table A.333-1: TimeTableScheduleType

A.334 TotalEnrollmentsType

Optional School/Campus enrolments.
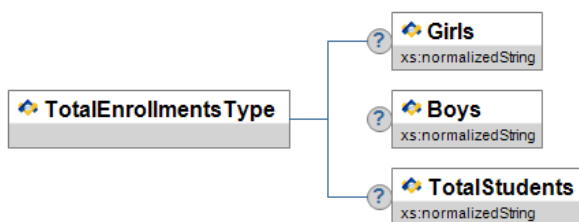
Figure A.334-1: TotalEnrollmentsType

Element/@Attribute	Char	Description	Type
TotalEnrollmentsType	O	Optional School/Campus enrolments.	
Girls	O	Number of enrolled Female students.	xs:normalizedString
Boys	O	Number of enrolled Male students.	xs:normalizedString
TotalStudents	O	Total number of enrolled students.	xs:normalizedString

Table A.334-1: TotalEnrollmentsType

A.335 TravelDetailsContainerType

Container for elements information on how a student travels to and from school.
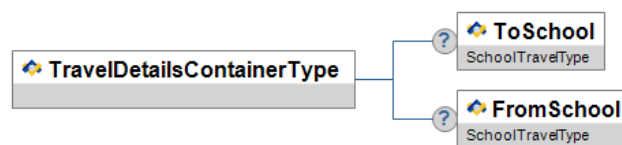
Figure A.335-1: TravelDetailsContainerType

Element/@Attribute	Char	Description	Type
TravelDetailsContainerType	O	Container for elements information on how a student travels to and from school.	
ToSchool	O	Details on how a student travels to School	SchoolTravelType
FromSchool	O	Details on how a student travels from School	SchoolTravelType

Table A.335-1: TravelDetailsContainerType

A.336 URIOrBinaryType

Allows for a URL or a Base-64 encoding.
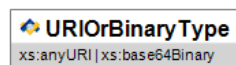
Figure A.336-1: URIOrBinaryType

Element/@Attribute	Char	Description	Type
URIOrBinaryType		Allows for a URL or a Base-64 encoding.	**union of:** xs:anyURI xs:base64Binary

Table A.336-1: URIOrBinaryType

A.337 ValidLetterMarkListType

A list of valid Letter Marks

Figure A.337-1: ValidLetterMarkListType

Element/@Attribute	Char	Description	Type
ValidLetterMarkListType		A list of valid Letter Marks	`List`
ValidLetterMark	MR	Definition of a valid Letter Mark.	`ValidLetterMarkType`

Table A.337-1: ValidLetterMarkListType

A.338 ValidLetterMarkType

Definition of a valid Letter Mark
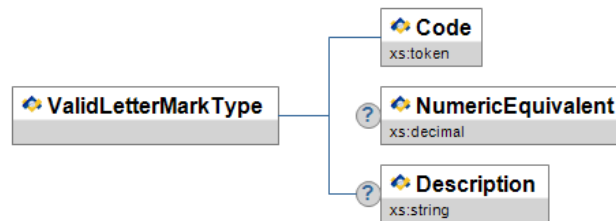
Figure A.338-1: ValidLetterMarkType

Element/@Attribute	Char	Description	Type
ValidLetterMarkType		Definition of a valid Letter Mark	
Code	M	String representing the actual Mark that would appear on the report card (e.g., "A+", "I", "100").	`xs:token`
NumericEquivalent	O	Numeric equivalent for the Mark (e.g., 100, 4.0).	`xs:decimal`
Description	O	The description for this code. (e.g. "Excellent", "Participates in Class", "Incomplete", etc...).	`xs:string`

Table A.338-1: ValidLetterMarkType

A.339 VersionType

A SIF version number.

Figure A.339-1: VersionType

Element/@Attribute	Char	Description	Type		
VersionType		A SIF version number.	`xs:token`		
			`xs:pattern`	`[0-9]+[.][0-9]+(r[0-9]+)?`	
			`xs:maxLength`	12	

Table A.339-1: VersionType

A.340 VersionWithWildcardsType

A SIF version number, with wildcards for matching multiple versions.

Figure A.340-1: VersionWithWildcardsType

Element/@Attribute	Char	Description	Type
VersionWithWildcardsType		A SIF version number, with wildcards for matching multiple versions.	xs:token

xs:pattern	*|([0-9]+[.]*)|([0-9]+[.][0-9]+r*)|([0-9]+[.][0-9]+(r[0-9]+)?)
xs:maxLength	12

Table A.340-1: VersionWithWildcardsType

A.341 VisaSubClassCodeType

Visa Sub-Class - Can be free text - not necessary to validate

VisaSubClassCodeType
AUCodeSetsVisaSubClassType | xs:string
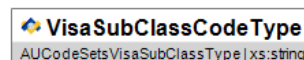
Figure A.341-1: VisaSubClassCodeType

Element/@Attribute	Char	Description	Type
VisaSubClassCodeType	O	Visa Sub-Class - Can be free text - not necessary to validate	union of: AUCodeSetsVisaSubClassType xs:string

Table A.341-1: VisaSubClassCodeType

A.342 VisaSubClassListType

List of Visas

VisaSubClassListType — VisaSubClass (VisaSubClassType)

Figure A.342-1: VisaSubClassListType

Element/@Attribute	Char	Description	Type
VisaSubClassListType		List of Visas	List
VisaSubClass	OR	Visa sub class.	VisaSubClassType

Table A.342-1: VisaSubClassListType

A.343 VisaSubClassType

VisaSubClassType
- Code (VisaSubClassCodeType)
- VisaExpiryDate (xs:date)
- ATEExpiryDate (xs:date)
- ATEStartDate (xs:date)
- VisaStatisticalCode (xs:normalizedString)
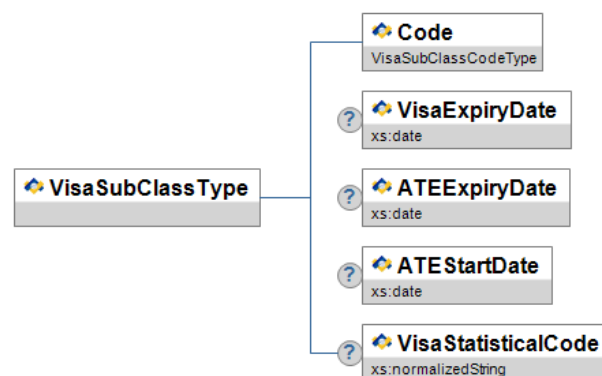
Figure A.343-1: VisaSubClassType

Element/@Attribute	Char	Description	Type
VisaSubClassType	OR		
Code	M	Visa sub class code.	VisaSubClassCodeType
VisaExpiryDate	O	Expiry Date of Visa if one exists	xs:date
ATEExpiryDate	O	Authority to Enroll Expiry Date if one exists. Authority to Enroll Expiry date is also required to ensure the validity of a student's enrolment.	xs:date
ATEStartDate	O	Authority to Enroll Start Date if one exists. Authority to Enroll Start is also required to ensure the validity of a student's enrolment.	xs:date
VisaStatisticalCode	O	Visa Statistical Code - Can be free text - not necessary to validate	xs:normalizedString

Table A.343-1: VisaSubClassType

A.344 WellbeingDocumentListType

List which describes the Location of any associated documents kept in relation. These include evidentiary documents, and action plans.

Figure A.344-1: WellbeingDocumentListType

Element/@Attribute	Char	Description	Type
WellbeingDocumentListType		List which describes the Location of any associated documents kept in relation. These include evidentiary documents, and action plans.	List
Document	MR	Wellbeing related document/s including evidentiary documents and action plans.	WellbeingDocumentType

Table A.344-1: WellbeingDocumentListType

A.345 WellbeingDocumentType

Repeatable information of the location of any associated documents kept in relation. These include evidentiary documents, and action plans.
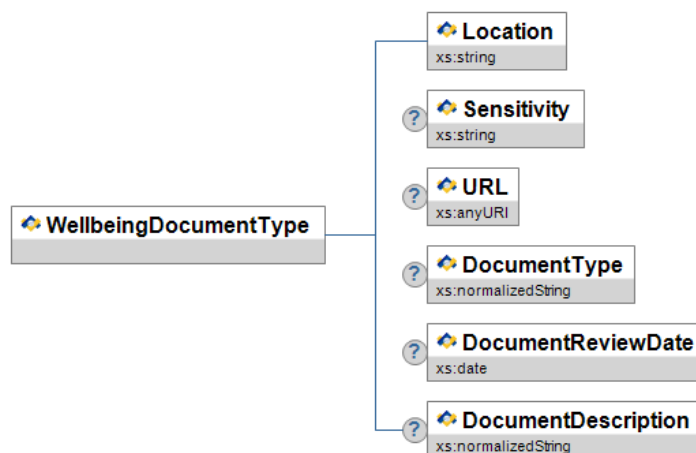
Figure A.345-1: WellbeingDocumentType

Element/@Attribute	Char	Description	Type
WellbeingDocumentType	MR	Repeatable information of the location of any associated documents kept in relation. These include evidentiary documents, and action plans.	
Location	M	Location of Documentation.	`xs:string`
Sensitivity	O	Sensitivity of Document to give an indication of the audience who should have access.	`xs:string`
URL	O	URL if known.	`xs:anyURI`
DocumentType	O	Type of Document - could be a 'Plan'.	`xs:normalizedString`
DocumentReviewDate	O	Document Review Date.	`xs:date`
DocumentDescription	O	What the document is and how it is related to the Student's Wellbeing.	`xs:normalizedString`

Table A.345-1: WellbeingDocumentType

A.346 WellbeingEventCategoryListType

List of Categories of WellbeingEvent.
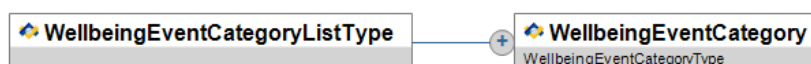
Figure A.346-1: WellbeingEventCategoryListType

Element/@Attribute	Char	Description	Type
WellbeingEventCategoryListType		List of Categories of WellbeingEvent.	`List`
WellbeingEventCategory	MR	Category of wellbeing event.	`WellbeingEventCategoryType`

Table A.346-1: WellbeingEventCategoryListType

A.347 WellbeingEventCategoryType

Category of event.
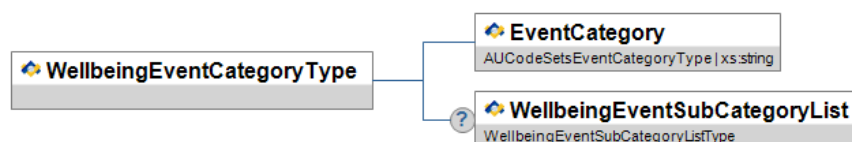
Figure A.347-1: WellbeingEventCategoryType

Element/@Attribute	Char	Description	Type
WellbeingEventCategoryType	MR	Category of event.	
EventCategory	M	Category of event.	**union of:** `AUCodeSetsEventCategoryType` `xs:string`
WellbeingEventSubCategoryList	C	List of sub-categories of the WellbeingEvent. Most likely to be locally defined.	`WellbeingEventSubCategoryListType`

Table A.347-1: WellbeingEventCategoryType

A.348 WellbeingEventLocationDetailsType

Container for the location details of a WellbeingEvent.
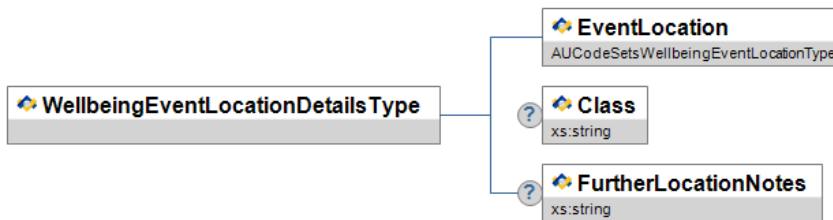
Figure A.348-1: WellbeingEventLocationDetailsType

Element/@Attribute	Char	Description	Type
WellbeingEventLocationDetailsType		Container for the location details of a WellbeingEvent.	
EventLocation	M	Categorisation of location of Wellbeing event.	AUCodeSetsWellbeingEventLocationType
Class	O	If the event happened during a class, - Subject or Class the event occurred in. Free text for additional info if required.	xs:string
FurtherLocationNotes	O	More information if required about the location.	xs:string

Table A.348-1: WellbeingEventLocationDetailsType

A.349 WellbeingEventSubCategoryListType

List of SubTypes associated with a Category.
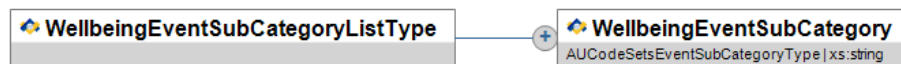
Figure A.349-1: WellbeingEventSubCategoryListType

Element/@Attribute	Char	Description	Type
WellbeingEventSubCategoryListType		List of SubTypes associated with a Category.	List
WellbeingEventSubCategory	MR	Subcategory of wellbeing event.	**union of:** AUCodeSetsEventSubCategoryType xs:string

Table A.349-1: WellbeingEventSubCategoryListType

A.350 WellbeingPlanType

Repeatable Plan information.
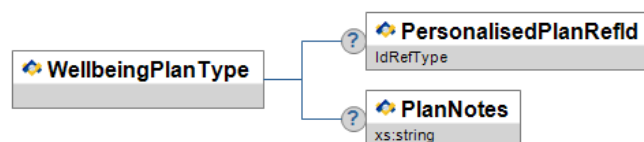
Figure A.350-1: WellbeingPlanType

Element/@Attribute	Char	Description	Type
WellbeingPlanType	OR	Repeatable Plan information.	
PersonalisedPlanRefId	O	The GUID of a PersonalisedPlan Object if it exists and it can be provided.	IdRefType
PlanNotes	O	Any notes that can be provided regarding the need that led to the plan.	xs:string

Table A.350-1: WellbeingPlanType

A.351 WithdrawalTimeListType

Where a student is to be removed or withdrawn partially for particular times in a week within the Start and End dates of the Response.
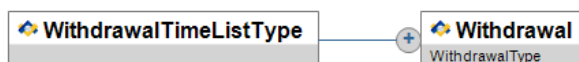
Figure A.351-1: WithdrawalTimeListType

Element/@Attribute	Char	Description	Type
WithdrawalTimeListType		Where a student is to be removed or withdrawn partially for particular times in a week within the Start and End dates of the Response.	List
Withdrawal	MR	Repeatable withdrawal.	WithdrawalType

Table A.351-1: WithdrawalTimeListType

A.352 WithdrawalType

Repeatable Withdrawal.
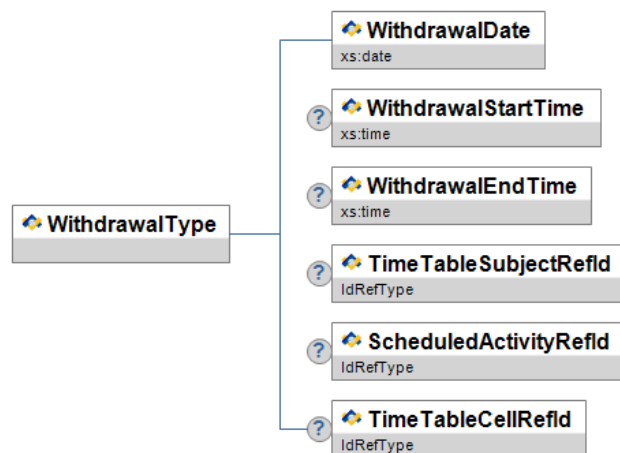
Figure A.352-1: WithdrawalType

Element/@Attribute	Char	Description	Type
WithdrawalType	MR	Repeatable Withdrawal.	
WithdrawalDate	M	Date of withdrawal.	`xs:date`
WithdrawalStartTime	O	Start time of the Withdrawal on that day.	`xs:time`
WithdrawalEndTime	O	End time of the Withdrawal on that day.	`xs:time`
TimeTableSubjectRefId	O	The GUID of an associated TimeTableSubject Object if there is one.	`IdRefType`
ScheduledActivityRefId	O	The GUID of an associated ScheduledActivity Object if there is one.	`IdRefType`
TimeTableCellRefId	O	The GUID of an associated TimeTableCell Object if there is one.	`IdRefType`

Table A.352-1: WithdrawalType

A.353 XMLDataType

Contains an arbitrary XML element, encoded in UTF-8.

Figure A.353-1: XMLDataType

Element/@Attribute	Char	Description	Type
XMLDataType		Contains an arbitrary XML element, encoded in UTF-8.	`<xs:any processContents="lax" />`
@ Description	O	Contains an optional description of the content or a processing hint with regard to its structure (e.g. named standard, file layout or XSD). Contents may be mandated in instances of this type, or types that follow the `AbstractContentPackageType` pattern.	`xs:token`

Table A.353-1: XMLDataType

A.354 YearLevelEnrollmentListType

List of number of students enrolled per year level.

Figure A.354-1: YearLevelEnrollmentListType

Element/@Attribute	Char	Description	Type
YearLevelEnrollmentListType		List of number of students enrolled per year level.	`List`
YearLevelEnrollment	MR	Container for Year Level of Enrolments.	`YearLevelEnrollmentType`

Table A.354-1: YearLevelEnrollmentListType

A.355 YearLevelEnrollmentType

Container for Year Level of Enrolments.
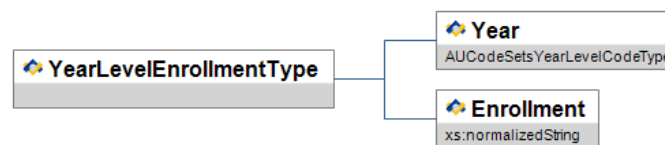
Figure A.355-1: YearLevelEnrollmentType

Element/@Attribute	Char	Description	Type
YearLevelEnrollmentType	MR	Container for Year Level of Enrolments.	
Year	M	Year level for which students are counted.	AUCodeSetsYearLevelCodeType
Enrollment	M	Number of students enrolled in the year level.	xs:normalizedString

Table A.355-1: YearLevelEnrollmentType

A.356 YearLevelsType

List of year levels.
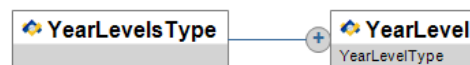
Figure A.356-1: YearLevelsType

Element/@Attribute	Char	Description	Type
YearLevelsType		List of year levels.	List
YearLevel	MR	Year or academic level.	YearLevelType

Table A.356-1: YearLevelsType

JSON   **XML**

```
<YearLevels>
  <YearLevel>
    <Code>5</Code>
  </YearLevel>
  <YearLevel>
    <Code>6</Code>
  </YearLevel>
  <YearLevel>
    <Code>7</Code>
  </YearLevel>
  <YearLevel>
    <Code>8</Code>
  </YearLevel>
</YearLevels>
```

Example A.356-1: YearLevelsType

A.357 YearLevelType

Figure A.357-1: YearLevelType

Element/@Attribute	Char	Description	Type
YearLevelType		Year or academic level.	
Code	M	Code representing the year level.	AUCodeSetsYearLevelCodeType

Table A.357-1: YearLevelType

JSON 📋   **XML** 📋

```
<YearLevel>
  <Code>8</Code>
</YearLevel>
```

Example A.357-1: YearLevel Example

A.358 YearRangeType

Year Span.
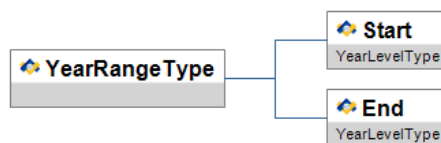
Figure A.358-1: YearRangeType

Element/@Attribute	Char	Description	Type
YearRangeType	C	Year Span.	
Start	M	Lowest year in range.	YearLevelType
End	M	Highest year in range	YearLevelType

Table A.358-1: YearRangeType

Appendix B: Code Sets

Select shared and named code sets defined in SIF are included here for reference.

AU Code Sets

0211 Program Availability

0231	During school
0234	Weekend
0235	Before school
0236	After school
0237	Summer Holidays
0238	In-school service day
0239	Evenings
9998	Other School Holidays
9999	Other

0792 Identification Procedure

2147	Education assessment
2148	Health assessment/screening
2149	Parent/guardian referral
2151	Self-report/survey
2152	Special education assessment/evaluation
2153	Teacher referral
9999	Other

Accompaniment

Accompaniment - Introduced by CEM to indicate whether or not the student is accompanied to/from school. Initial release in 3.4.8

A	Adult Accompaniment
I	Independent
U	Unknown

ACStrand

Australian education vocabularies

This vocabulary describes a curriculum framework organised into structural units.

Source: http://vocabulary.esa.edu.au/framework/

Note: Religious Studies and Other have been added to enable interoperability where the subject matter is not covered in the Australian Curriculum.

A	The arts
B	Economics and business
C	Civics and citizenship
D	Design and technologies
E	English
G	Geography
H	History
I	Digital technologies
L	Languages
M	Mathematics
Other	
P	Health and physical education
ReligousStudies	
S	Science
T	Technologies
U	Humanities and social sciences
W	Work Studies

Activity Involvement Code

The codeset is derived from the coding of activities for 2009 ABS 4177.0 Participation in Sport and Physical Recreation, Australia, with added values for non-sporting cocurricular activities. The number of sports and physical recreation activities has increased in the latest version of the survey from 2013. https://www.abs.gov.au/AUSSTATS/abs@.nsf/DetailsPage/4177.02013-14?OpenDocument

Additional values in this set are from previous surveys and additional school values.

1010	Exercise, n.f.d
1011	Exercise biking
1012	Fitness centre activities
1013	Gymnasium workouts
1014	Aerobics/exercising (other)
1015	Circuits
1016	Boot camp
1017	Boxercise (at a gym)
1018	RPM
1019	Spin Cycling
101A	Treadmill Activities
101B	Weight Training
101C	Zumba
101D	Kickboxing (at a gym)
101E	Rope skipping
101F	Gym classes
1020	Air sports, n.f.d.
1021	Aerobatics
1022	Ballooning
1023	Gliding
1024	Gyroplane flying
1025	Hang gliding
1026	Ultralight flying
1027	Air sport (other)
1028	Bungee jumping
1029	Parachuting
102A	Skydiving
102B	Paragliding
1031	Aqua aerobics
1041	Archery
1042	Bow hunting
1043	Crossbow shooting
1051	Athletics, track & field
1061	Australian rules football
1071	Badminton
1081	Baseball
1091	Basketball (indoor & outdoor)
1101	Beach volleyball
1110	Cue Sports, n.f.d.
1111	Billiards
1112	Pool
1113	Snooker
1114	Pool
1121	Bocce
1122	Boules
1123	Petanque
1131	Boxing
1141	Bush walking
1151	Canoeing
1152	Kayaking
1153	Outrigger canoe
1161	Carpet bowls
1171	Cricket (Indoor)
1181	Cricket (Outdoor)
1191	Croquet
1201	Cross country running
1210	Bike sports, n.f.d.
1211	Bike riding
1212	Cycling
1213	BMXing
1214	Mountain biking
1220	Dance Sports, n.f.d.
1221	Boot scooting
1222	Classical Ballet

1223	Jazz Ballet
1224	Ballroom Dancing
1225	Dance team
1226	Bellydancing
1227	Folk dancing
1228	Latin dancing
1229	Dancing (other)
122A	Line dancing
122B	Salsa
122C	Swing dancing
1231	Darts
1241	Dog racing
1250	Dog competitions, n.f.d.
1251	Dog shows
1252	Sheepdog trials
1261	Fencing
1271	Angling
1272	Fishing
1280	Throwing, n.f.d.
1281	Ultimate frisbee
1282	Boomerang throwing
1289	Flying disc games
1291	Gaelic football
1301	Golf
1311	Gridiron (USA football)
1321	Gymnastics
1322	Circus acrobatics
1323	Callisthenics
1324	Trampolining
1331	Handball
1341	Harness racing/Trotting
1351	Hockey (Indoor)
1352	Hockey (Outdoor)
1353	Broomball
1362	Horse racing
1363	Dressage
1371	Horse riding/Equestrian activities
1372	Polo
1373	Polo cross
1374	Show jumping
1375	Pony Club
1380	Ice/Snow Sports, n.f.d.
1381	Ice hockey
1383	Ice/Snow sport (other)
1384	Snow skiing
1385	Snow boarding
1386	Bobsledding
1387	Skeleton
1391	Korfball
1392	Ice skating
1393	Ice racing/speed skating
1401	Lacrosse
1402	Softcrosse
1411	Lawn bowls
1421	Marching
1430	Martial arts, n.f.d.
1431	Chi Kung
1432	Judo/Jujitsu
1433	Karate
1434	Kickboxing
1435	Taekwondo
1436	Tai Chi
1437	Aikido
1438	Kendo

1439	Martial arts (other)
143A	Ninjitsu
1441	Minigolf
1442	Putt-putt golf
1450	Motor sports, n.f.d.
1451	Go-Karting (motor sports)
1452	Track motor sport
1453	Car racing
1454	Drag racing
1455	Motorbike racing
1456	Speedway
1459	Motor sport (other)
1461	Netball (Indoor and outdoor)
1471	Orienteering
1472	Rogaining
1473	Racewalking
1481	Pilates
1490	Outdoor rock activities, n.f.d.
1491	Abseiling
1492	Caving
1493	Rock climbing
1501	Rodeos
1510	Roller sports, n.f.d.
1511	Roller-blading
1512	Skateboarding
1513	Inline hockey
1514	Roller sport (other)
1515	Rollerskating
1516	Roller derby
1521	Rowing
1531	Royal Tennis
1541	Rugby league (football)
1542	Oztag
1543	Rugby league sevens
1544	Rugby sevens
1551	Rugby union (football)
1561	Jogging
1562	Running
1571	Sailing
1581	Scuba diving
1582	Snorkelling
1590	Shooting sports, n.f.d.
1591	Hunting
1592	Paintball shooting
1593	Pistol shooting
1594	Shooting sport (other)
1595	Target shooting
1596	Bird shooting
1597	Clay shooting
1598	Duck shooting
1599	Rifle shooting
159A	Running target shooting
159B	Shotgun shooting
159C	Skirmish
159D	Trap shooting
1601	Soccer (Indoor)
1602	Futsal
1612	Soccer (Outdoor)
1621	Softball
1622	Tee ball (T ball)
1631	Squash
1632	Racquet ball
1641	Surf Lifesaving/Royal Lifesaving
1651	Surfing

1652	Surf sport (other)
1653	Bodyboarding
1654	Standup paddleboarding
1660	Indoor water sports, n.f.d.
1661	Diving (board)
1662	Swimming
1663	Synchronized Swimming
1671	Table tennis
1681	Tennis (Indoor and outdoor)
1691	Tenpin bowling
1701	Touch football
1709	Football (other)
1711	Trail biking (motor sports)
1712	Dirt bike riding (motor sports)
1721	Triathlons
1731	Volleyball (Indoor and outdoor)
1732	Newcombe ball
1741	Walking for exercise
1751	Water polo
1760	Motorised water sports, n.f.d.
1761	Jet skiing
1762	Powerboating
1763	Water-skiing
1764	Wakeboarding
1770	Non-motorised outdoor water sports, n.f.d.
1771	Canoe polo
1772	Water volleyball
1773	Underwater hockey
1774	White water rafting
1775	Dragon boat racing
1776	Rafting
1781	Competition weight-lifting
1782	Powerlifting
1791	Bodybuilding
1792	Weight training (for fitness - other)
1800	Board sports, n.f.d.
1801	Wind surfing
1802	Sailboarding
1803	Kite surfing
1811	Wood chopping
1821	Wrestling
1831	Yoga
1840	Other sporting activities, n.f.d.
1841	Pigeon racing
1842	Playing
1843	Multidisciplinary events
1844	Radio controlled model car/boat/plane racing
1845	Cheerleading
1846	Modern pentathlon
1847	Campdrafting
1848	Biathlon
1849	Other sporting activities
2010	Leadership Activities
2011	Team captain
2012	Student representative council president
2013	Class captain
2014	Class officer
2015	Student representative council officer
2016	School captain
2017	Duke of Edinburgh Award
2019	Other student leadership
3010	Youth Development, n.f.d.
3011	Army Cadets
3012	Airforce Cadets

3013	Other Cadets
3014	Boy Scouts
3015	Girl Scouts
3019	Other youth development group
4011	Music - vocal
4012	Choir
4019	Other vocal ensemble
4021	Music - instrumental
4022	Concert Band
4023	Orchestra
4024	Jazz ensemble
4025	Chamber ensemble
4029	Other instrumental ensemble
4031	Music - theory and composition
4039	Other Music
4041	Theatre/drama
4042	Eisteddfod
4043	Annual music production
4044	Other performing arts
5010	Arts activities, n.f.d.
5011	Art and graphic design
5012	Painting
5013	Embroidery
5019	Other arts activity
5020	Communications, n.f.d.
5021	Journalism
5022	Broadcasting
5023	School Year book
5024	Literary publications
5025	Speech/debate
5029	Other communications
6011	Book Club
6012	Drama club
6013	Language club
6014	Art club
6019	Other Cultural club
6021	Technology Students
6022	Computer club
6023	Science Club
6029	Other Technology Club
6031	Health Occupations Students
6032	Chess club
6039	Other club or organization
7011	Peer counseling
7012	Tutoring
7013	Formal/Social/Debutante Ball
7019	Other general activity

Activity Type

0750	Co-curricular activity
0751	Extra-curricular Activity
9999	Other

Address Role

012A	Term Address
012B	Home Address
012C	Home Stay Address
013A	Overseas Address
1073	Other home address
1074	Employer's address
1075	Employment address
2382	Other organisation address
9999	Other Address

Address Type

0123	Mailing address
0123A	Alternate Mailing address
0124	Shipping address
0124A	Alternate Shipping address
0125	Billing address
0765	Physical location address
0765A	Alternate Physical location address
9999	Other
9999A	Alternate Other address

AG Collection

Which AG Collection do these Rounds refer to?

COI	Non-Government Schools Census
FQ	Financial Questionnaire
SES	Address Collection
STATS	Student Attendance (STATS)

AG Context Question

AG Collection Contextual Question Codes

AC001	Are you reporting any boarding students? Acceptable Answers here are "Yes" or "No"
AC002	What is the education level of this location? Acceptable Answers here are "Primary", "Secondary" or "Combined"

AG Submission Status

Status Codes associated with an AG Collection Submission. Source: Australian Government - Schools Hub

Cancelled	When a departmental user has cancelled the submission
Declaration Pending	When all data is entered and all warnings have been addressed by the client
Declared	When an authorised user declares via Schools HUB
Exempt	When a user sets the questionnaire and client to Exempt during the collection
Finalised	When Finalise is selected by a CRM user during review
In Error	When an error has been triggered during upload processing, before the second round validation step
In Progress	When the first data is entered in the response and passed first round of validation
In Review	When a user selects the response and selects Begin Review
Not Started	When the round opens, and ready for submission
Processing	When data has been submitted via Upload and yet to undergo first round of validation
Reopened	When reopen is selected by a user during a review

Assessment Reporting Method

0144	Letter grade/mark
0490	Age score
0492	Tertiary admission examination score
0493	Year equivalent or year-level indicator
0497	Normal curve equivalent
0498	Normalized standard score
0499	Number score
0500	Pass-fail
0502	Percentile rank
0503	Proficiency level
0504	Ranking
0506	Standard age score
0512	Achievement/proficiency level
0513	Mastery level
3473	Graduation score
3474	Growth/value-added/indexing
3475	International Baccalaureate score
3476	Percentile
3478	Raw score
3479	Scale score
3480	Workplace readiness score
9999	Other

Assessment Type

0075	Achievement test
0076	Advanced placement test
0077	Alternate assessment/year-level standards
0079	Attitudinal test
0081	Cognitive and perceptual skills test
0082	Developmental observation
0083	Interest inventory
0084	Language proficiency test
0087	Manual dexterity test
0088	Mental ability (intelligence) test
0089	Performance assessment
0090	Personality test
0092	Portfolio assessment
0093	Psychological test
0094	Psychomotor test
0095	Reading readiness test
3461	Alternative assessment/modified standards
3462	Alternate assessment/ELL
3463	Aptitude test
9999	Other

Attendance Code

0	Not Marked
100	Present
101	Absent - General
102	Absent - Unjustified
111	Late arrival at School
112	Early departure from School
113	Late arrival unexplained
114	Early departure unexplained
116	Late arrival to Class
117	Early leaver from Class
118	Late Class Unexplained
119	Early Class Unexplained
120	Transport Delay
200	Medical
201	Illness
202	Accident
203	Counselling
204	Sick Bay
205	Medical Appointment
206	Hospitalised
207	Quarantine
208	Refusal
209	Dentist
210	Medical/Welfare
211	Bereavement
212	Family Medical
213	Therapy Session
214	Sent home (COVID symptoms)
300	Truancy
400	Suspension
401	Suspension - External
500	Unexplained
501	Unexplained and Unjustified
600	Educational
601	Group Activity
602	Community Service
603	Duty Student
604	Excursion
605	Special Event
606	Camp
607	Other Educational Activity
608	Off-Site Learning Program (eg. TAFE)
609	Work Experience
610	School Production
611	Sports
612	Study Leave
613	Shared enrolment
614	Incursion
615	Specialist Placement
616	Internal School Appointment
617	School Examination/Testing
618	Temporary Employment
619	School-endorsed religious event
620	Transition Program
621	Literacy and Numeracy Assessment
622	Representative Event
623	On-site program
624	Remote learning (exceptional)
625	Remote learning
699	Educational - further details not available
700	Flags
701	Exit
702	Transferred
800	Parent Choice

801	Parental Arrangement
802	Exempt
803	Parental Acknowledgement
804	Extended Family Holidays
805	Religious/Cultural Observance
806	Sorry Business
900	School Choice
901	Industrial Action
902	Facility Damage
903	Weather
904	Staff Meeting
905	Pandemic
999	Other

Attendance Status

01	Excused
02	Unexcused
99	Unknown
NA	Not Applicable

Australian Citizenship Status

1	Australian Citizen
2	New Zealand Citizen
3	Permanent Resident
4	Temporary Entry Permit
5	Other Overseas
8	Permanent Humanitarian Visa
X	Not Provided

Australian Standard Classification Of Cultural And Ethnic Groups (ASCCEG)

1249.0 Australian Standard Classification of Cultural and Ethnic Groups, 2019

Source Data ABS: https://www.abs.gov.au/AUSSTATS/abs@.nsf/DetailsPage/1249.02019?OpenDocument

0000	Inadequately described
0001	Not stated
0901	Eurasian, so described
0902	Asian, so described
0903	African, so described
0904	European, so described
0905	Caucasian, so described
0906	Creole, so described
1000	Oceanian, nfd
1100	Australian Peoples, nfd
1101	Australian
1102	Australian Aboriginal
1103	Australian South Sea Islander
1104	Torres Strait Islander
1105	Norfolk Islander
1200	New Zealand Peoples, nfd
1201	Maori
1202	New Zealander
1300	Melanesian and Papuan, nfd
1301	New Caledonian
1302	Ni-Vanuatu
1303	Papua New Guinean
1304	Solomon Islander
1399	Melanesian and Papuan, nec
1400	Micronesian, nfd
1401	I-Kiribati
1402	Nauruan
1499	Micronesian, nec
1500	Polynesian, nfd
1501	Cook Islander
1502	Fijian
1503	Niuean
1504	Samoan
1505	Tongan
1506	Hawaiian
1507	Tahitian
1508	Tokelauan
1511	Tuvaluan
1512	Pitcairn
1599	Polynesian, nec
2000	North-West European, nfd
2100	British, nfd
2101	English
2102	Scottish
2103	Welsh
2104	Channel Islander
2105	Manx
2199	British, nec
2201	Irish
2300	Western European, nfd
2301	Austrian
2303	Dutch
2304	Flemish
2305	French
2306	German
2307	Swiss
2311	Belgian
2312	Frisian
2313	Luxembourg
2399	Western European, nec
2400	Northern European, nfd
2401	Danish
2402	Finnish
2403	Icelandic

2404	Norwegian
2405	Swedish
2499	Northern European, nec
3000	Southern and Eastern European, nfd
3100	Southern European, nfd
3101	Basque
3102	Catalan
3103	Italian
3104	Maltese
3105	Portuguese
3106	Spanish
3107	Gibraltarian
3199	Southern European, nec
3200	South Eastern European, nfd
3201	Albanian
3202	Bosnian
3203	Bulgarian
3204	Croatian
3205	Greek
3206	Macedonian
3207	Moldovan
3208	Montenegrin
3211	Romanian
3212	Roma Gypsy
3213	Serbian
3214	Slovene
3215	Cypriot
3216	Vlach
3299	South Eastern European, nec
3300	Eastern European, nfd
3301	Belarusan
3302	Czech
3303	Estonian
3304	Hungarian
3305	Latvian
3306	Lithuanian
3307	Polish
3308	Russian
3311	Slovak
3312	Ukrainian
3313	Sorb/Wend
3399	Eastern European, nec
4000	North African and Middle Eastern, nfd
4100	Arab, nfd
4101	Algerian
4102	Egyptian
4103	Iraqi
4104	Jordanian
4105	Kuwaiti
4106	Lebanese
4107	Libyan
4108	Moroccan
4111	Palestinian
4112	Saudi Arabian
4113	Syrian
4114	Tunisian
4115	Yemeni
4116	Bahraini
4117	Emirati
4118	Omani
4121	Qatari
4199	Arab, nec
4201	Jewish
4300	Peoples of the Sudan, nfd

4301	Bari
4302	Darfur
4303	Dinka
4304	Nuer
4305	South Sudanese
4306	Sudanese
4399	Peoples of the Sudan, nec
4900	Other North African and Middle Eastern, nfd
4902	Berber
4903	Coptic
4904	Iranian
4905	Kurdish
4907	Turkish
4908	Assyrian
4911	Chaldean
4912	Mandaean
4913	Nubian
4914	Yezidi
4999	Other North African and Middle Eastern, nec
5000	South-East Asian, nfd
5100	Mainland South-East Asian, nfd
5101	Anglo-Burmese
5102	Burmese
5103	Hmong
5104	Khmer (Cambodian)
5105	Lao
5106	Thai
5107	Vietnamese
5108	Karen
5111	Mon
5112	Chin
5113	Rohingya
5199	Mainland South-East Asian, nec
5200	Maritime South-East Asian, nfd
5201	Filipino
5202	Indonesian
5203	Javanese
5204	Madurese
5205	Malay
5206	Sundanese
5207	Timorese
5208	Acehnese
5211	Balinese
5212	Bruneian
5213	Kadazan
5214	Singaporean
5215	Temoq
5299	Maritime South-East Asian, nec
6000	North-East Asian, nfd
6100	Chinese Asian, nfd
6101	Chinese
6102	Taiwanese
6199	Chinese Asian, nec
6900	Other North-East Asian, nfd
6901	Japanese
6902	Korean
6903	Mongolian
6904	Tibetan
6999	Other North-East Asian, nec
7000	Southern and Central Asian, nfd
7100	Southern Asian, nfd
7101	Anglo-Indian
7102	Bengali
7103	Burgher

7104	Gujarati
7106	Indian
7107	Malayali
7111	Nepalese
7112	Pakistani
7113	Punjabi
7114	Sikh
7115	Sinhalese
7117	Maldivian
7118	Bangladeshi
7121	Bhutanese
7122	Fijian Indian
7123	Kashmiri
7124	Parsi
7125	Sindhi
7126	Sri Lankan
7127	Sri Lankan Tamil
7128	Indian Tamil
7131	Tamil, nfd
7132	Telugu
7199	Southern Asian, nec
7200	Central Asian, nfd
7201	Afghan
7202	Armenian
7203	Georgian
7204	Kazakh
7205	Pathan
7206	Uzbek
7207	Azeri
7208	Hazara
7211	Tajik
7212	Tatar
7213	Turkmen
7214	Uighur
7215	Kyrgyz
7299	Central Asian, nec
8000	Peoples of the Americas, nfd
8100	North American, nfd
8101	African American
8102	American
8103	Canadian
8104	French Canadian
8105	Hispanic North American
8106	Native North American Indian
8107	Bermudan
8199	North American, nec
8200	South American, nfd
8201	Argentinian
8202	Bolivian
8203	Brazilian
8204	Chilean
8205	Colombian
8206	Ecuadorian
8207	Guyanese
8208	Peruvian
8211	Uruguayan
8212	Venezuelan
8213	Paraguayan
8299	South American, nec
8300	Central American, nfd
8301	Mexican
8302	Nicaraguan
8303	Salvadoran
8304	Costa Rican

8305	Guatemalan
8306	Mayan
8399	Central American, nec
8400	Caribbean Islander, nfd
8401	Cuban
8402	Jamaican
8403	Trinidadian Tobagonian
8404	Barbadian
8405	Puerto Rican
8499	Caribbean Islander, nec
9000	Sub-Saharan African, nfd
9100	Central and West African, nfd
9101	Akan
9102	Fulani
9103	Ghanaian
9104	Nigerian
9105	Yoruba
9106	Ivorean
9107	Liberian
9108	Sierra Leonean
9111	Acholi
9112	Cameroonian
9113	Congolese
9114	Gio
9115	Igbo
9116	Krahn
9117	Mandinka
9118	Senegalese
9121	Themne
9122	Togolese
9199	Central and West African, nec
9200	Southern and East African, nfd
9201	Afrikaner
9202	Angolan
9203	Eritrean
9204	Ethiopian
9205	Kenyan
9206	Malawian
9207	Mauritian
9208	Mozambican
9211	Namibian
9212	Oromo
9213	Seychellois
9214	Somali
9215	South African
9216	Tanzanian
9217	Ugandan
9218	Zambian
9221	Zimbabwean
9222	Amhara
9223	Batswana
9225	Hutu
9226	Masai
9228	Tigrayan
9231	Tigre
9232	Zulu
9233	Burundian
9234	Kunama
9235	Madi
9236	Ogaden
9237	Rwandan
9238	Shona
9241	Swahili
9242	Swazilander

9299	Southern and East African, nec

Australian Standard Classification Of Languages (ASCL)

ABS 1267.0 - Australian Standard Classification of Languages (ASCL), 2016

Updated to correspond to ACARA Data Standards Manual, 2017

Source Data: http://www.abs.gov.au/AUSSTATS/abs@.nsf/DetailsPage/1267.02016?OpenDocument

This extract contains all 4 digit classifications and supplementary codes.

0000	Inadequately Described
0001	Non Verbal, so described
0002	Not Stated
0003	Swiss, so described
0004	Cypriot, so described
0005	Creole, nfd
0006	French Creole, nfd
0007	Spanish Creole, nfd
0008	Portuguese Creole, nfd
0009	Pidgin, nfd
1000	Northern European Languages, nfd
1100	Celtic, nfd
1101	Gaelic (Scotland)
1102	Irish
1103	Welsh
1199	Celtic, nec
1201	English
1300	German and Related Languages, nfd
1301	German
1302	Letzeburgish
1303	Yiddish
1400	Dutch and Related Languages, nfd
1401	Dutch
1402	Frisian
1403	Afrikaans
1500	Scandinavian, nfd
1501	Danish
1502	Icelandic
1503	Norwegian
1504	Swedish
1599	Scandinavian, nec
1600	Finnish and Related Languages, nfd
1601	Estonian
1602	Finnish
1699	Finnish and Related Languages, nec
2000	Southern European Languages, nfd
2101	French
2201	Greek
2300	Iberian Romance, nfd
2301	Catalan
2302	Portuguese
2303	Spanish
2399	Iberian Romance, nec
2401	Italian
2501	Maltese
2900	Other Southern European Languages, nfd
2901	Basque
2902	Latin
2999	Other Southern European Languages, nec
3000	Eastern European Languages, nfd
3100	Baltic, nfd
3101	Latvian
3102	Lithuanian
3301	Hungarian
3400	East Slavic, nfd
3401	Belorussian
3402	Russian
3403	Ukrainian
3500	South Slavic, nfd
3501	Bosnian
3502	Bulgarian
3503	Croatian
3504	Macedonian
3505	Serbian

3506	Slovene
3507	Serbo-Croatian/Yugoslavian, so described
3600	West Slavic, nfd
3601	Czech
3602	Polish
3603	Slovak
3604	Czechoslovakian, so described
3900	Other Eastern European Languages, nfd
3901	Albanian
3903	Aromunian (Macedo-Romanian)
3904	Romanian
3905	Romany
3999	Other Eastern European Languages, nec
4000	Southwest and Central Asian Languages, nfd
4100	Iranic, nfd
4101	Kurdish
4102	Pashto
4104	Balochi
4105	Dari
4106	Persian (excluding Dari)
4107	Hazaraghi
4199	Iranic, nec
4200	Middle Eastern Semitic Languages, nfd
4202	Arabic
4204	Hebrew
4206	Assyrian Neo-Aramaic
4207	Chaldean Neo-Aramaic
4208	Mandaean (Mandaic)
4299	Middle Eastern Semitic Languages, nec
4300	Turkic, nfd
4301	Turkish
4302	Azeri
4303	Tatar
4304	Turkmen
4305	Uygur
4306	Uzbek
4399	Turkic, nec
4900	Other Southwest and Central Asian Languages, nfd
4901	Armenian
4902	Georgian
4999	Other Southwest and Central Asian Languages, nec
5000	Southern Asian Languages, nfd
5100	Dravidian, nfd
5101	Kannada
5102	Malayalam
5103	Tamil
5104	Telugu
5105	Tulu
5199	Dravidian, nec
5200	Indo-Aryan, nfd
5201	Bengali
5202	Gujarati
5203	Hindi
5204	Konkani
5205	Marathi
5206	Nepali
5207	Punjabi
5208	Sindhi
5211	Sinhalese
5212	Urdu
5213	Assamese
5214	Dhivehi
5215	Kashmiri
5216	Oriya

5217	Fijian Hindustani
5299	Indo-Aryan, nec
5999	Other Southern Asian Languages
6000	Southeast Asian Languages, nfd
6100	Burmese and Related Languages, nfd
6101	Burmese
6102	Chin Haka
6103	Karen
6104	Rohingya
6105	Zomi
6199	Burmese and Related Languages, nec
6200	Hmong-Mien, nfd
6201	Hmong
6299	Hmong-Mien, nec
6300	Mon-Khmer, nfd
6301	Khmer
6302	Vietnamese
6303	Mon
6399	Mon-Khmer, nec
6400	Tai, nfd
6401	Lao
6402	Thai
6499	Tai, nec
6500	Southeast Asian Austronesian Languages, nfd
6501	Bisaya
6502	Cebuano
6503	IIokano
6504	Indonesian
6505	Malay
6507	Tetum
6508	Timorese
6511	Tagalog
6512	Filipino
6513	Acehnese
6514	Balinese
6515	Bikol
6516	Iban
6517	Ilonggo (Hiligaynon)
6518	Javanese
6521	Pampangan
6599	Southeast Asian Austronesian Languages, nec
6999	Other Southeast Asian Languages
7000	Eastern Asian Languages, nfd
7100	Chinese, nfd
7101	Cantonese
7102	Hakka
7104	Mandarin
7106	Wu
7107	Min Nan
7199	Chinese, nec
7201	Japanese
7301	Korean
7900	Other Eastern Asian Languages, nfd
7901	Tibetan
7902	Mongolian
7999	Other Eastern Asian Languages, nec
8000	Australian Indigenous Languages, nfd
8100	Arnhem Land and Daly River Region Languages, nfd
8101	Anindilyakwa
8111	Maung
8113	Ngan'gikurunggurr
8114	Nunggubuyu
8115	Rembarrnga
8117	Tiwi

8121	Alawa
8122	Dalabon
8123	Gudanji
8127	Iwaidja
8128	Jaminjung
8131	Jawoyn
8132	Jingulu
8133	Kunbarlang
8136	Larrakiya
8137	Malak Malak
8138	Mangarrayi
8141	Maringarr
8142	Marra
8143	Marrithiyel
8144	Matngala
8146	Murrinh Patha
8147	Na-kara
8148	Ndjebbana (Gunavidji)
8151	Ngalakgan
8152	Ngaliwurru
8153	Nungali
8154	Wambaya
8155	Wardaman
8156	Amurdak
8157	Garrwa
8158	Kuwema
8161	Marramaninyshi
8162	Ngandi
8163	Waanyi
8164	Wagiman
8165	Yanyuwa
8166	Marridan (Maridan)
8170	Kunwinjkuan, nfd
8171	Gundjeihmi
8172	Kune
8173	Kuninjku
8174	Kunwinjku
8175	Mayali
8179	Kunwinjkuan, nec
8180	Burarran, nfd
8181	Burarra
8182	Gun-nartpa
8183	Gurr-goni
8189	Burarran, nec
8199	Arnhem Land and Daly River Region Languages, nec
8200	Yolngu Matha, nfd
8210	Dhangu, nfd
8211	Galpu
8212	Golumala
8213	Wangurri
8219	Dhangu, nec
8220	Dhay'yi, nfd
8221	Dhalwangu
8222	Djarrwark
8229	Dhay'yi, nec
8230	Dhuwal, nfd
8231	Djambarrpuyngu
8232	Djapu
8233	Daatiwuy
8234	Marrangu
8235	Liyagalawumirr
8236	Liyagawumirr
8239	Dhuwal, nec
8240	Dhuwala, nfd

8242	Gumatj
8243	Gupapuyngu
8244	Guyamirrilili
8246	Manggalili
8247	Wubulkarra
8249	Dhuwala, nec
8250	Djinang, nfd
8251	Wurlaki
8259	Djinang, nec
8260	Djinba, nfd
8261	Ganalbingu
8262	Djinba
8263	Manyjalpingu
8269	Djinba, nec
8270	Yakuy, nfd
8271	Ritharrngu
8272	Wagilak
8279	Yakuy, nec
8281	Nhangu
8282	Yan-nhangu
8289	Nhangu, nec
8291	Dhuwaya
8292	Djangu
8293	Madarrpa
8294	Warramiri
8295	Rirratjingu
8299	Other Yolngu Matha, nec
8300	Cape York Peninsula Languages, nfd
8301	Kuku Yalanji
8302	Guugu Yimidhirr
8303	Kuuku-Ya'u
8304	Wik Mungkan
8305	Djabugay
8306	Dyirbal
8307	Girramay
8308	Koko-Bera
8311	Kuuk Thayorre
8312	Lamalama
8313	Yidiny
8314	Wik Ngathan
8315	Alngith
8316	Kugu Muminh
8317	Morrobalama
8318	Thaynakwith
8321	Yupangathi
8322	Tjungundji
8399	Cape York Peninsula Languages, nec
8400	Torres Strait Island Languages, nfd
8401	Kalaw Kawaw Ya/Kalaw Lagaw Ya
8402	Meriam Mir
8403	Yumplatok (Torres Strait Creole)
8500	Northern Desert Fringe Area Languages, nfd
8504	Bilinarra
8505	Gurindji
8506	Gurindji Kriol
8507	Jaru
8508	Light Warlpiri
8511	Malngin
8512	Mudburra
8514	Ngardi
8515	Ngarinyman
8516	Walmajarri
8517	Wanyjirra
8518	Warlmanpa

8521	Warlpiri
8522	Warumungu
8599	Northern Desert Fringe Area Languages, nec
8600	Arandic, nfd
8603	Alyawarr
8606	Kaytetye
8607	Antekerrepenh
8610	Anmatyerr, nfd
8611	Central Anmatyerr
8612	Eastern Anmatyerr
8619	Anmatyerr, nec
8620	Arrernte, nfd
8621	Eastern Arrernte
8622	Western Arrarnta
8629	Arrernte, nec
8699	Arandic, nec
8700	Western Desert Languages, nfd
8703	Antikarinya
8704	Kartujarra
8705	Kukatha
8706	Kukatja
8707	Luritja
8708	Manyjilyjarra
8711	Martu Wangka
8712	Ngaanyatjarra
8713	Pintupi
8714	Pitjantjatjara
8715	Wangkajunga
8716	Wangkatha
8717	Warnman
8718	Yankunytjatjara
8721	Yulparija
8722	Tjupany
8799	Western Desert Languages, nec
8800	Kimberley Area Languages, nfd
8801	Bardi
8802	Bunuba
8803	Gooniyandi
8804	Miriwoong
8805	Ngarinyin
8806	Nyikina
8807	Worla
8808	Worrorra
8811	Wunambal
8812	Yawuru
8813	Gambera
8814	Jawi
8815	Kija
8899	Kimberley Area Languages, nec
8900	Other Australian Indigenous Languages, nfd
8901	Adnymathanha
8902	Arabana
8903	Bandjalang
8904	Banyjima
8905	Batjala
8906	Bidjara
8907	Dhanggatti
8908	Diyari
8911	Gamilaraay
8913	Garuwali
8914	Githabul
8915	Gumbaynggir
8916	Kanai
8917	Karajarri

8918	Kariyarra
8921	Kaurna
8922	Kayardild
8924	Kriol
8925	Lardil
8926	Mangala
8927	Muruwari
8928	Narungga
8931	Ngarluma
8932	Ngarrindjeri
8933	Nyamal
8934	Nyangumarta
8935	Nyungar
8936	Paakantyi
8937	Palyku/Nyiyaparli
8938	Wajarri
8941	Wiradjuri
8943	Yindjibarndi
8944	Yinhawangka
8945	Yorta Yorta
8946	Baanbay
8947	Badimaya
8948	Barababaraba
8951	Dadi Dadi
8952	Dharawal
8953	Djabwurrung
8954	Gudjal
8955	Keerray-Woorroong
8956	Ladji Ladji
8957	Mirning
8958	Ngatjumaya
8961	Waluwarra
8962	Wangkangurru
8963	Wargamay
8964	Wergaia
8965	Yugambeh
8998	Aboriginal English, so described
8999	Other Australian Indigenous Languages, nec
9000	Other Languages, nfd
9101	American Languages
9200	African Languages, nfd
9201	Acholi
9203	Akan
9205	Mauritian Creole
9206	Oromo
9207	Shona
9208	Somali
9211	Swahili
9212	Yoruba
9213	Zulu
9214	Amharic
9215	Bemba
9216	Dinka
9217	Ewe
9218	Ga
9221	Harari
9222	Hausa
9223	Igbo
9224	Kikuyu
9225	Krio
9226	Luganda
9227	Luo
9228	Ndebele
9231	Nuer

9232	Nyanja (Chichewa)
9233	Shilluk
9234	Tigre
9235	Tigrinya
9236	Tswana
9237	Xhosa
9238	Seychelles Creole
9241	Anuak
9242	Bari
9243	Bassa
9244	Dan (Gio-Dan)
9245	Fulfulde
9246	Kinyarwanda (Rwanda)
9247	Kirundi (Rundi)
9248	Kpelle
9251	Krahn
9252	Liberian (Liberian English)
9253	Loma (Lorma)
9254	Lumun (Kuku Lumun)
9255	Madi
9256	Mandinka
9257	Mann
9258	Moro (Nuba Moro)
9261	Themne
9262	Lingala
9299	African Languages, nec
9300	Pacific Austronesian Languages, nfd
9301	Fijian
9302	Gilbertese
9303	Maori (Cook Island)
9304	Maori (New Zealand)
9306	Nauruan
9307	Niue
9308	Samoan
9311	Tongan
9312	Rotuman
9313	Tokelauan
9314	Tuvaluan
9315	Yapese
9399	Pacific Austronesian Languages, nec
9400	Oceanic Pidgins and Creoles, nfd
9402	Bislama
9403	Hawaiian English
9404	Norf'k-Pitcairn
9405	Solomon Islands Pijin
9499	Oceanian Pidgins and Creoles, nec
9500	Papua New Guinea Languages, nfd
9502	Kiwai
9503	Motu (HiriMotu)
9504	Tok Pisin (Neomelanesian)
9599	Papua New Guinea Languages, nec
9601	Invented Languages
9700	Sign Languages, nfd
9701	Auslan
9702	Key Word Sign Australia
9799	Sign Languages, nec

Australian Standard Classification Of Religious Groups (ASCRG)

1266.0 Australian Standard Classification of Religious Groups, 2016

Source Data ABS: http://www.abs.gov.au/AUSSTATS/abs@.nsf/DetailsPage/1266.02016?OpenDocument

0001	Not Stated
0002	Religious Belief, nfd
0003	Not Defined
0004	New Age, so described
0005	Theism
1011	Buddhism
2000	Christian, nfd
2001	Apostolic Church, so described
2002	Church of God, so described
2003	Australian Christian Churches, so described
2004	New Church Alliance, so described
2010	Anglican, nfd
2012	Anglican Church of Australia
2013	Anglican Catholic Church
2031	Baptist
2051	Brethren
2071	Western Catholic
2072	Maronite Catholic
2073	Melkite Catholic
2074	Ukrainian Catholic
2075	Chaldean Catholic
2079	Catholic, nec
2110	Churches of Christ, nfd
2111	Churches of Christ (Conference)
2112	Church of Christ (Nondenominational)
2113	International Church of Christ
2131	Jehovah's Witnesses
2150	Church of Jesus Christ of Latter Day Saints, nfd
2151	Church of Jesus Christ of LDS (Mormons)
2152	Community of Christ
2171	Lutheran
2210	Oriental Orthodox, nfd
2212	Armenian Apostolic
2214	Coptic Orthodox Church
2215	Syrian Orthodox Church
2216	Ethiopian Orthodox Church
2219	Oriental Orthodox, nec
2220	Assyrian Apostolic, nfd
2221	Assyrian Church of the East
2222	Ancient Church of the East
2229	Assyrian Apostolic, nec
2230	Eastern Orthodox, nfd
2231	Albanian Orthodox
2232	Antiochian Orthodox
2233	Greek Orthodox
2234	Macedonian Orthodox
2235	Romanian Orthodox
2236	Russian Orthodox
2237	Serbian Orthodox
2238	Ukrainian Orthodox
2239	Eastern Orthodox, nec
2250	Presbyterian and Reformed, nfd
2251	Presbyterian
2252	Reformed
2253	Free Reformed
2271	Salvation Army
2311	Seventh-day Adventist
2331	Uniting Church
2400	Pentecostal, nfd
2401	Apostolic Church (Australia)
2402	Assemblies of God
2403	Bethesda Churches
2404	Christian City Church
2405	Christian Life Churches International

2406	Christian Outreach Centres
2407	Christian Revival Crusade
2408	Faith Churches
2411	Foursquare Gospel Church
2412	Full Gospel Church
2413	Revival Centres
2414	Rhema Family Church
2415	United Pentecostal
2499	Pentecostal, nec
2800	Other Protestant, nfd
2801	Aboriginal Evangelical Missions
2802	Born Again Christian
2803	Christian and Missionary Alliance
2804	Church of the Nazarene
2805	Congregational
2806	Ethnic Evangelical Churches
2807	Independent Evangelical Churches
2808	Wesleyan Methodist Church
2899	Other Protestant, nec
2900	Other Christian, nfd
2901	Apostolic Church of Queensland
2902	Christadelphians
2903	Christian Science
2904	Gnostic Christians
2905	Liberal Catholic Church
2906	New Apostolic Church
2907	New Churches (Swedenborgian)
2908	Ratana (Maori)
2911	Religious Science
2912	Religious Society of Friends (Quakers)
2913	Temple Society
2914	Unitarian
2915	Worldwide Church of God
2999	Other Christian, nec
3011	Hinduism
4011	Islam
5011	Judaism
6011	Australian Aboriginal Traditional Religions
6031	Baha'i
6050	Chinese Religions, nfd
6051	Ancestor Veneration
6052	Confucianism
6053	Taoism
6059	Chinese Religions, nec
6071	Druse
6110	Japanese Religions, nfd
6111	Shinto
6112	Sukyo Mahikari
6113	Tenrikyo
6119	Japanese Religions, nec
6130	Nature Religions, nfd
6131	Animism
6132	Druidism
6133	Paganism
6134	Pantheism
6135	Wiccan/Witchcraft
6139	Nature Religions, nec
6151	Sikhism
6171	Spiritualism
6991	Caodaism
6992	Church of Scientology
6993	Eckankar
6994	Rastafarianism
6995	Satanism

6996	Theosophy
6997	Jainism
6998	Zoroastrianism
6999	Religious Groups, nec
7010	No Religion, nfd
7011	Agnosticism
7012	Atheism
7013	Humanism
7014	Rationalism

Australian Standard Geographical Classification (ASGC)

1216.0 - Australian Standard Geographical Classification (ASGC), July 2011

Statistical Local Area (from ASGC) Latest ISSUE Released at 11:30 AM (CANBERRA TIME) 05/10/2011 Final

The ASGS has been released concurrently with the ASGC to ensure a smooth transition to the new statistical geography. The ASGS and the ASGC will both be current for 2011 however, from 1 July 2012 the ASGS will replace the ASGC.

http://www.abs.gov.au/AUSSTATS/abs@.nsf/DetailsPage/1216.0July%202011?OpenDocument

105051100	Botany Bay (C)
105054800	Leichhardt (A)
105055200	Marrickville (A)
105057201	Sydney (C) - Inner
105057204	Sydney (C) - East
105057205	Sydney (C) - South
105057206	Sydney (C) - West
105106550	Randwick (C)
105108050	Waverley (A)
105108500	Woollahra (A)
105154150	Hurstville (C)
105154450	Kogarah (C)
105156650	Rockdale (C)
105157151	Sutherland Shire (A) - East
105157152	Sutherland Shire (A) - West
105200351	Bankstown (C) - North-East
105200353	Bankstown (C) - North-West
105200355	Bankstown (C) - South
105201550	Canterbury (C)
105252851	Fairfield (C) - East
105252854	Fairfield (C) - West
105254901	Liverpool (C) - East
105254904	Liverpool (C) - West
105301450	Camden (A)
105301501	Campbelltown (C) - North
105301504	Campbelltown (C) - South
105308400	Wollondilly (A)
105350150	Ashfield (A)
105351300	Burwood (A)
105351521	Canada Bay (A) - Concord
105351524	Canada Bay (A) - Drummoyne
105357100	Strathfield (A)
105400200	Auburn (C)
105403950	Holroyd (C)
105406251	Parramatta (C) - Inner
105406252	Parramatta (C) - North-East
105406253	Parramatta (C) - North-West
105406254	Parramatta (C) - South
105450900	Blue Mountains (C)
105453800	Hawkesbury (C)
105456351	Penrith (C) - East
105456354	Penrith (C) - West
105530751	Blacktown (C) - North
105530752	Blacktown (C) - South-East
105530753	Blacktown (C) - South-West
105554100	Hunters Hill (A)
105554700	Lane Cove (A)
105555350	Mosman (A)
105555950	North Sydney (A)
105556700	Ryde (C)
105558250	Willoughby (C)
105604001	Hornsby (A) - North
105604004	Hornsby (A) - South
105604500	Ku-ring-gai (A)
105607421	The Hills Shire (A) - Central
105607423	The Hills Shire (A) - North
105607425	The Hills Shire (A) - South
105655150	Manly (A)
105656370	Pittwater (A)
105658000	Warringah (A)
105703101	Gosford (C) - East
105703104	Gosford (C) - West
105708551	Wyong (A) - North-East
105708554	Wyong (A) - South and West

110051720	Cessnock (C)
110054651	Lake Macquarie (C) - East
110054653	Lake Macquarie (C) - North
110054655	Lake Macquarie (C) - West
110055050	Maitland (C)
110055903	Newcastle (C) - Inner City
110055904	Newcastle (C) - Outer West
110055905	Newcastle (C) - Throsby
110056400	Port Stephens (A)
110102700	Dungog (A)
110103050	Gloucester (A)
110103320	Great Lakes (A)
110105650	Muswellbrook (A)
110107000	Singleton (A)
110107620	Upper Hunter Shire (A)
115054400	Kiama (A)
115056900	Shellharbour (C)
115058451	Wollongong (C) - Inner
115058454	Wollongong (C) Bal
115076951	Shoalhaven (C) - Pt A
115106952	Shoalhaven (C) - Pt B
115108350	Wingecarribee (A)
120057554	Tweed (A) - Tweed-Heads
120057556	Tweed (A) - Tweed Coast
120074851	Lismore (C) - Pt A
120100250	Ballina (A)
120101350	Byron (A)
120104550	Kyogle (A)
120104854	Lismore (C) - Pt B
120106611	Richmond Valley (A) - Casino
120106612	Richmond Valley (A) Bal
120107558	Tweed (A) - Pt B
125011801	Coffs Harbour (C) - Pt A
125036381	Port Macquarie-Hastings (A) - Pt A
125050600	Bellingen (A)
125051736	Clarence Valley (A) - Coast
125051737	Clarence Valley (A) - Grafton
125051738	Clarence Valley (A) Bal
125051804	Coffs Harbour (C) - Pt B
125055700	Nambucca (A)
125103380	Greater Taree (C)
125104350	Kempsey (A)
125106385	Port Macquarie-Hastings (A) - Pt B
125108859	Lord Howe Island
130057311	Tamworth Regional (A) - Pt A
130103550	Gunnedah (A)
130103660	Gwydir (A)
130104201	Inverell (A) - Pt A
130104920	Liverpool Plains (A)
130107314	Tamworth Regional (A) - Pt B
130150111	Armidale Dumaresq (A) - City
130150112	Armidale Dumaresq (A) Bal
130153010	Glen Innes Severn (A)
130153650	Guyra (A)
130154202	Inverell (A) - Pt B
130157400	Tenterfield (A)
130157650	Uralla (A)
130157850	Walcha (A)
130205300	Moree Plains (A)
130205750	Narrabri (A)
135012601	Dubbo (C) - Pt A
135052604	Dubbo (C) - Pt B
135052950	Gilgandra (A)
135055271	Mid-Western Regional (A) - Pt A

135055850	Narromine (A)
135058020	Warrumbungle Shire (A)
135058150	Wellington (A)
135100950	Bogan (A)
135102150	Coonamble (A)
135107900	Walgett (A)
135107950	Warren (A)
135151150	Bourke (A)
135151200	Brewarrina (A)
135151750	Cobar (A)
140030471	Bathurst Regional (A) - Pt A
140070473	Bathurst Regional (A) - Pt B
140070850	Blayney (A)
140071400	Cabonne (A)
140074870	Lithgow (C)
140075274	Mid-Western Regional (A) - Pt B
140076100	Oberon (A)
140150800	Bland (A)
140152350	Cowra (A)
140152900	Forbes (A)
140154600	Lachlan (A)
140156200	Parkes (A)
140158100	Weddin (A)
140206150	Orange (C)
145056181	Palerang (A) - Pt A
145056470	Queanbeyan (C)
145101050	Boorowa (A)
145103311	Goulburn Mulwaree (A) - Goulburn
145103314	Goulburn Mulwaree (A) Bal
145103700	Harden (A)
145106184	Palerang (A) - Pt B
145107640	Upper Lachlan Shire (A)
145108710	Yass Valley (A)
145108750	Young (A)
145150550	Bega Valley (A)
145152750	Eurobodalla (A)
145201000	Bombala (A)
145202050	Cooma-Monaro (A)
145207050	Snowy River (A)
150057751	Wagga Wagga (C) - Pt A
150102000	Coolamon (A)
150102200	Cootamundra (A)
150103500	Gundagai (A)
150104300	Junee (A)
150104950	Lockhart (A)
150105800	Narrandera (A)
150107350	Temora (A)
150107500	Tumut Shire (A)
150107754	Wagga Wagga (C) - Pt B
150151600	Carrathool (A)
150153450	Griffith (C)
150153850	Hay (A)
150154750	Leeton (A)
150155550	Murrumbidgee (A)
155050050	Albury (C)
155053341	Greater Hume Shire (A) - Pt A
155102300	Corowa Shire (A)
155103342	Greater Hume Shire (A) - Pt B
155107450	Tumbarumba (A)
155107700	Urana (A)
155150650	Berrigan (A)
155151860	Conargo (A)
155152500	Deniliquin (A)
155154250	Jerilderie (A)

155155500	Murray (A)
155157800	Wakool (A)
155200300	Balranald (A)
155208200	Wentworth (A)
160101250	Broken Hill (C)
160101700	Central Darling (A)
160108809	Unincorp. Far West
185019779	Migratory - Offshore - Shipping (NSW)
205054601	Melbourne (C) - Inner
205054605	Melbourne (C) - S'bank-D'lands
205054608	Melbourne (C) - Remainder
205055901	Port Phillip (C) - St Kilda
205055902	Port Phillip (C) - West
205056351	Stonnington (C) - Prahran
205057351	Yarra (C) - North
205057352	Yarra (C) - Richmond
205101181	Brimbank (C) - Keilor
205101182	Brimbank (C) - Sunshine
205103111	Hobsons Bay (C) - Altona
205103112	Hobsons Bay (C) - Williamstown
205104330	Maribyrnong (C)
205105063	Moonee Valley (C) - Essendon
205105065	Moonee Valley (C) - West
205204651	Melton (S) - East
205204654	Melton (S) Bal
205207261	Wyndham (C) - North
205207264	Wyndham (C) - South
205207267	Wyndham (C) - West
205255251	Moreland (C) - Brunswick
205255252	Moreland (C) - Coburg
205255253	Moreland (C) - North
205300661	Banyule (C) - Heidelberg
205300662	Banyule (C) - North
205301891	Darebin (C) - Northcote
205301892	Darebin (C) - Preston
205353271	Hume (C) - Broadmeadows
205353274	Hume (C) - Craigieburn
205353275	Hume (C) - Sunbury
205405713	Nillumbik (S) - South
205405715	Nillumbik (S) - South-West
205405718	Nillumbik (S) Bal
205407071	Whittlesea (C) - North
205407075	Whittlesea (C) - South-East
205407076	Whittlesea (C) - South-West
205451111	Boroondara (C) - Camberwell N.
205451112	Boroondara (C) - Camberwell S.
205451113	Boroondara (C) - Hawthorn
205451114	Boroondara (C) - Kew
205504211	Manningham (C) - East
205504214	Manningham (C) - West
205504971	Monash (C) - South-West
205504974	Monash (C) - Waverley East
205504975	Monash (C) - Waverley West
205506981	Whitehorse (C) - Box Hill
205506984	Whitehorse (C) - Nunawading E.
205506985	Whitehorse (C) - Nunawading W.
205553672	Knox (C) - North-East
205553673	Knox (C) - North-West
205553674	Knox (C) - South
205554411	Maroondah (C) - Croydon
205554412	Maroondah (C) - Ringwood
205607451	Yarra Ranges (S) - Central
205607452	Yarra Ranges (S) - Dandenongs
205607453	Yarra Ranges (S) - Lilydale

205607454	Yarra Ranges (S) - North
205607456	Yarra Ranges (S) - Seville
205650911	Bayside (C) - Brighton
205650912	Bayside (C) - South
205652311	Glen Eira (C) - Caulfield
205652314	Glen Eira (C) - South
205653431	Kingston (C) - North
205653434	Kingston (C) - South
205656352	Stonnington (C) - Malvern
205752671	Gr. Dandenong (C) - Dandenong
205752674	Gr. Dandenong (C) Bal
205801452	Cardinia (S) - North
205801453	Cardinia (S) - Pakenham
205801454	Cardinia (S) - South
205801612	Casey (C) - Berwick
205801613	Casey (C) - Cranbourne
205801616	Casey (C) - Hallam
205801618	Casey (C) - South
205852171	Frankston (C) - East
205852174	Frankston (C) - West
205905341	Mornington P'sula (S) - East
205905344	Mornington P'sula (S) - South
205905345	Mornington P'sula (S) - West
210052751	Bellarine - Inner
210052752	Corio - Inner
210052753	Geelong
210052754	Geelong West
210052755	Newtown
210052756	South Barwon - Inner
210102757	Greater Geelong (C) - Pt B
210106080	Queenscliffe (B)
210106493	Surf Coast (S) - East
210106495	Surf Coast (S) - West
210151751	Colac-Otway (S) - Colac
210151754	Colac-Otway (S) - North
210151755	Colac-Otway (S) - South
210152491	Golden Plains (S) - North-West
210152492	Golden Plains (S) - South-East
210152758	Greater Geelong (C) - Pt C
215016730	Warrnambool (C)
215051831	Corangamite (S) - North
215051832	Corangamite (S) - South
215055491	Moyne (S) - North-East
215055493	Moyne (S) - North-West
215055496	Moyne (S) - South
215058469	Lady Julia Percy Island
215102411	Glenelg (S) - Heywood
215102412	Glenelg (S) - North
215102413	Glenelg (S) - Portland
215106261	S. Grampians (S) - Hamilton
215106264	S. Grampians (S) - Wannon
215106265	S. Grampians (S) Bal
220050571	Ballarat (C) - Central
220050572	Ballarat (C) - Inner North
220050573	Ballarat (C) - North
220050574	Ballarat (C) - South
220102911	Hepburn (S) - East
220102912	Hepburn (S) - West
220105151	Moorabool (S) - Bacchus Marsh
220105154	Moorabool (S) - Ballan
220105155	Moorabool (S) - West
220150260	Ararat (RC)
220155991	Pyrenees (S) - North
220155994	Pyrenees (S) - South

225053191	Horsham (RC) - Central
225053194	Horsham (RC) Bal
225055811	N. Grampians (S) - St Arnaud
225055814	N. Grampians (S) - Stawell
225056890	West Wimmera (S)
225102980	Hindmarsh (S)
225107631	Yarriambiack (S) - North
225107632	Yarriambiack (S) - South
230054781	Mildura (RC) - Pt A
230101271	Buloke (S) - North
230101272	Buloke (S) - South
230104782	Mildura (RC) - Pt B
230152250	Gannawarra (S)
230156611	Swan Hill (RC) - Central
230156614	Swan Hill (RC) - Robinvale
230156616	Swan Hill (RC) Bal
235052621	Gr. Bendigo (C) - Central
235052622	Gr. Bendigo (C) - Eaglehawk
235052623	Gr. Bendigo (C) - Inner East
235052624	Gr. Bendigo (C) - Inner North
235052625	Gr. Bendigo (C) - Inner West
235052626	Gr. Bendigo (C) - S'saye
235101671	C. Goldfields (S) - M'borough
235101674	C. Goldfields (S) Bal
235102628	Gr. Bendigo (C) - Pt B
235103943	Loddon (S) - North
235103945	Loddon (S) - South
235105431	Mount Alexander (S) - C'maine
235105434	Mount Alexander (S) Bal
235204131	Macedon Ranges (S) - Kyneton
235204134	Macedon Ranges (S) - Romsey
235204135	Macedon Ranges (S) Bal
240052831	Gr. Shepparton (C) - Pt A
240101371	Campaspe (S) - Echuca
240101374	Campaspe (S) - Kyabram
240101375	Campaspe (S) - Rochester
240101376	Campaspe (S) - South
240102834	Gr. Shepparton (C) - Pt B East
240102835	Gr. Shepparton (C) - Pt B West
240104901	Moira (S) - East
240104904	Moira (S) - West
240151011	Benalla (RC) - Benalla
240151014	Benalla (RC) Bal
240154250	Mansfield (S)
240156430	Strathbogie (S)
240158249	Mount Buller Alpine Resort
240158349	Mount Stirling Alpine Resort
240204851	Mitchell (S) - North
240204854	Mitchell (S) - South
240205621	Murrindindi (S) - East
240205622	Murrindindi (S) - West
240208149	Lake Mountain Alpine Resort
245053351	Indigo (S) - Pt A
245056671	Towong (S) - Pt A
245057170	Wodonga (RC)
245103352	Indigo (S) - Pt B
245106701	Wangaratta (RC) - Central
245106704	Wangaratta (RC) - North
245106705	Wangaratta (RC) - South
245150111	Alpine (S) - East
245150112	Alpine (S) - West
245156672	Towong (S) - Pt B
245158109	Falls Creek Alpine Resort
245158309	Mount Hotham Alpine Resort

250052111	E. Gippsland (S) - Bairnsdale
250052113	E. Gippsland (S) - Orbost
250052115	E. Gippsland (S) - South-West
250052117	E. Gippsland (S) Bal
250156811	Wellington (S) - Alberton
250156812	Wellington (S) - Avon
250156813	Wellington (S) - Maffra
250156814	Wellington (S) - Rosedale
250156815	Wellington (S) - Sale
255050831	Baw Baw (S) - Pt A
255053811	Latrobe (C) - Moe
255053814	Latrobe (C) - Morwell
255053815	Latrobe (C) - Traralgon
255053818	Latrobe (C) Bal
255100834	Baw Baw (S) - Pt B East
255100835	Baw Baw (S) - Pt B West
255107458	Yarra Ranges (S) - Pt B
255108209	Mount Baw Baw Alpine Resort
255200741	Bass Coast (S) - Phillip Is.
255200744	Bass Coast (S) Bal
255206171	South Gippsland (S) - Central
255206174	South Gippsland (S) - East
255206175	South Gippsland (S) - West
255208529	French Island
255208649	Bass Strait Islands
285019779	Migratory - Offshore - Shipping (Vic.)
305011067	Bowen Hills
305011143	City - Inner
305011146	City - Remainder
305011187	Dutton Park
305011227	Fortitude Valley
305011274	Herston
305011277	Highgate Hill
305011304	Kangaroo Point
305011315	Kelvin Grove
305011378	Milton
305011421	New Farm
305011427	Newstead
305011454	Paddington
305011481	Red Hill
305011525	South Brisbane
305011528	Spring Hill
305011607	West End
305011631	Woolloongabba
305031004	Albion
305031007	Alderley
305031026	Ascot
305031031	Ashgrove
305031048	Bardon
305031132	Chelmer
305031151	Clayfield
305031162	Corinda
305031206	Enoggera
305031241	Graceville
305031244	Grange
305031255	Hamilton
305031271	Hendra
305031293	Indooroopilly
305031312	Kedron
305031345	Lutwyche
305031424	Newmarket
305031446	Nundah
305031506	St Lucia
305031522	Sherwood

305031533	Stafford
305031536	Stafford Heights
305031558	Taringa
305031574	Toowong
305031618	Wilston
305031623	Windsor
305031634	Wooloowin
305071018	Anstead
305071034	Aspley
305071037	Bald Hills
305071045	Banyo
305071053	Bellbowrie
305071064	Boondall
305071072	Bracken Ridge
305071075	Bridgeman Downs
305071078	Brighton
305071084	Brookfield (incl. Brisbane Forest Park)
305071121	Carseldine
305071127	Chapel Hill
305071135	Chermside
305071138	Chermside West
305071167	Darra-Sumner
305071173	Deagon
305071176	Doolandella-Forest Lake
305071184	Durack
305071203	Ellen Grove
305071211	Everton Park
305071217	Ferny Grove
305071222	Fig Tree Pocket
305071236	Geebung
305071288	Inala
305071296	Jamboree Heights
305071301	Jindalee
305071306	Karana Downs-Lake Manchester
305071318	Kenmore
305071323	Kenmore Hills
305071326	Keperra
305071353	McDowall
305071375	Middle Park
305071383	Mitchelton
305071386	Moggill
305071408	Mount Ommaney
305071435	Northgate
305071442	Nudgee
305071451	Oxley
305071465	Pinjarra Hills
305071467	Pinkenba-Eagle Farm
305071473	Pullenvale
305071484	Richlands
305071487	Riverhills
305071514	Sandgate
305071517	Seventeen Mile Rocks
305071556	Taigum-Fitzgibbon
305071567	The Gap
305071585	Upper Kedron
305071593	Virginia
305071596	Wacol
305071604	Wavell Heights
305071612	Westlake
305071653	Zillmere
305091015	Annerley
305091042	Balmoral
305091086	Bulimba
305091097	Camp Hill

305091102	Cannon Hill
305091108	Carindale
305091113	Carina
305091116	Carina Heights
305091157	Coorparoo
305091195	East Brisbane
305091214	Fairfield
305091247	Greenslopes
305091258	Hawthorne
305091282	Holland Park
305091285	Holland Park West
305091391	Moorooka
305091397	Morningside
305091432	Norman Park
305091563	Tarragindi
305091645	Yeerongpilly
305091648	Yeronga
305111001	Acacia Ridge
305111012	Algester
305111023	Archerfield
305111057	Belmont-Mackenzie
305111091	Burbank
305111094	Calamvale
305111123	Chandler-Capalaba West
305111154	Coopers Plains
305111198	Eight Mile Plains
305111251	Gumdale-Ransome
305111265	Hemmant-Lytton
305111331	Kuraby
305111337	Lota
305111356	MacGregor
305111364	Manly
305111367	Manly West
305111372	Mansfield
305111394	Moreton Island
305111402	Mount Gravatt
305111405	Mount Gravatt East
305111413	Murarrie
305111416	Nathan
305111456	Pallara-Heathwood-Larapinta
305111463	Parkinson-Drewvale
305111492	Robertson
305111495	Rochedale
305111498	Rocklea
305111503	Runcorn
305111511	Salisbury
305111541	Stretton-Karawatha
305111547	Sunnybank
305111552	Sunnybank Hills
305111571	Tingalpa
305111588	Upper Mount Gravatt
305111601	Wakerley
305111615	Willawong
305111626	Wishart
305111637	Wynnum
305111642	Wynnum West
305205019	Bribie Island
305205021	Burpengary-Narangba
305205023	Caboolture Central
305205025	Caboolture East
305205027	Caboolture Hinterland
305205028	Caboolture Midwest
305205039	Deception Bay
305205056	Morayfield

305253962	Ipswich (C) - Central
305253965	Ipswich (C) - East
305253966	Ipswich (C) - North
305253971	Ipswich (C) - South-West
305253976	Ipswich (C) - West
305304595	Beenleigh
305304597	Bethania-Waterford
305304601	Browns Plains
305304603	Carbrook-Cornubia
305304605	Daisy Hill-Priestdale
305304606	Eagleby
305304607	Edens Landing-Holmview
305304608	Greenbank-Boronia Heights
305304611	Jimboomba-Logan Village
305304612	Kingston
305304615	Loganholme
305304618	Loganlea
305304623	Marsden
305304626	Mt Warren Park
305304627	Park Ridge-Logan Reserve
305304631	Rochedale South
305304634	Shailer Park
305304637	Slacks Creek
305304642	Springwood
305304645	Tanah Merah
305304651	Underwood
305304654	Waterford West
305304655	Wolffdene-Bahrs Scrub
305304656	Woodridge
305405013	Albany Creek
305405016	Bray Park
305405033	Central Pine West
305405037	Dakabin-Kallangur-M. Downs
305405043	Griffin-Mango Hill
305405047	Hills District
305405051	Lawnton
305405058	Petrie
305405067	Strathpine-Brendale
305405068	Moreton Bay (R) Bal
305455035	Clontarf
305455053	Margate-Woody Point
305455063	Redcliffe-Scarborough
305455065	Rothwell-Kippa-Ring
305506251	Alexandra Hills
305506254	Birkdale
305506257	Capalaba
305506262	Cleveland
305506264	Ormiston
305506265	Redland Bay
305506267	Sheldon-Mt Cotton
305506268	Thorneside
305506271	Thornlands
305506273	Victoria Point
305506276	Wellington Point
305506283	Redland (C) Bal
307103508	Biggera Waters-Labrador
307103511	Bilinga-Tugun
307103514	Broadbeach-Mermaid Beach
307103515	Broadbeach Waters
307103517	Bundall
307103521	Burleigh Heads
307103523	Burleigh Waters
307103527	Coolangatta
307103533	Currumbin

307103555	Main Beach-South Stradbroke
307103562	Mermaid Wtrs-Clear Is. Wtrs
307103563	Miami
307103573	Palm Beach
307103576	Paradise Point-Runaway Bay
307103585	Southport
307103587	Surfers Paradise
307153502	Ashmore-Benowa
307153525	Carrara-Merrimac
307153531	Coombabah
307153534	Currumbin Valley-Tallebudgera
307153535	Currumbin Waters
307153537	Elanora
307153543	Helensvale
307153547	Hope Island
307153552	Jacobs Well-Alberton
307153556	Kingsholme-Upper Coomera
307153564	Molendinar
307153566	Mudgeeraba-Reedy Creek
307153567	Nerang
307153568	Oxenford-Maudsland
307153572	Pacific Pines-Gaven
307153574	Ormeau-Yatala
307153578	Parkwood-Arundel
307153581	Pimpama-Coomera
307153582	Robina
307153592	Varsity Lakes
307153593	Worongary-Tallai
307203538	Guanaba-Springbrook
309056713	Buderim
309056718	Caloundra North
309056721	Caloundra South
309056723	Coolum-Mudjimba
309056728	Kawana
309056738	Maroochydore
309056744	Mooloolaba
309056748	Nambour
309056755	Noosa-Noosaville
309056761	Paynter-Petrie Creek
309056763	Sunshine-Peregian
309056772	Tewantin
309106716	Caloundra Hinterland
309106725	Glass House Country
309106733	Maroochy Hinterland
309106753	Noosa Hinterland
312056582	Somerset (R) - Esk
312056584	Somerset (R) - Kilcoy
312104582	Lockyer Valley (R) - Gatton
312104584	Lockyer Valley (R) - Laidley
312106512	Scenic Rim (R) - Beaudesert
312106514	Scenic Rim (R) - Boonah
312106516	Scenic Rim (R) - Tamborine-Canungra
315051822	Bundaberg (R) - Bundaberg
315051824	Bundaberg (R) - Burnett Pt A
315073222	Fraser Coast (R) - Hervey Bay Pt A
315101825	Bundaberg (R) - Burnett Pt B
315101827	Bundaberg (R) - Isis
315101828	Bundaberg (R) - Kolan
315102330	Cherbourg (S)
315103223	Fraser Coast (R) - Hervey Bay Pt B
315103225	Fraser Coast (R) - Maryborough
315103227	Fraser Coast (R) - Woocoo-Tiaro
315103622	Gympie (R) - Cooloola
315103624	Gympie (R) - Gympie

315103626	Gympie (R) - Kilkivan
315105761	North Burnett (R) - Biggenden
315105762	North Burnett (R) - Eidsvold
315105763	North Burnett (R) - Gayndah
315105764	North Burnett (R) - Monto
315105765	North Burnett (R) - Mundubbera
315105766	North Burnett (R) - Perry
315106632	South Burnett (R) - Kingaroy
315106634	South Burnett (R) - Murgon
315106636	South Burnett (R) - Nanango
315106638	South Burnett (R) - Wondai
320016912	Cambooya
320016921	Gowrie
320016926	Highfields
320016937	Toowoomba Central
320016941	Toowoomba North-East
320016943	Toowoomba North-West
320016945	Toowoomba South-East
320016946	Toowoomba West
320016947	Westbrook
320053612	Goondiwindi (R) - Goondiwindi
320053614	Goondiwindi (R) - Inglewood
320053616	Goondiwindi (R) - Waggamba
320056662	Southern Downs (R) - Allora
320056665	Southern Downs (R) - Killarney
320056666	Southern Downs (R) - Stanthorpe
320056667	Southern Downs (R) - Warwick
320056668	Southern Downs (R) - West
320056914	Clifton
320056916	Crow's Nest
320056923	Greenmount
320056928	Jondaryan
320056931	Millmerran
320056933	Pittsworth
320056935	Rosalie
320057312	Western Downs (R) - Chinchilla
320057313	Western Downs (R) - Dalby
320057315	Western Downs (R) - Murilla-Wandoan
320057316	Western Downs (R) - Tara
320057318	Western Downs (R) - Wambo
325050300	Balonne (S)
325051750	Bulloo (S)
325054862	Maranoa (R) - Bendemere
325054864	Maranoa (R) - Booringa
325054865	Maranoa (R) - Bungil
325054867	Maranoa (R) - Roma
325054868	Maranoa (R) - Warroo
325055600	Murweh (S)
325055800	Paroo (S)
325056150	Quilpie (S)
330056362	Rockhampton (R) - Fitzroy Pt A
330056365	Rockhampton (R) - Livingstone Pt A
330056368	Rockhampton (R) - Rockhampton
330103362	Gladstone (R) - Calliope Pt A
330103366	Gladstone (R) - Gladstone
330150370	Banana (S)
330152272	Central Highlands (R) - Bauhinia
330152274	Central Highlands (R) - Duaringa
330152276	Central Highlands (R) - Emerald
330152278	Central Highlands (R) - Peak Downs
330153364	Gladstone (R) - Calliope Pt B
330153368	Gladstone (R) - Miriam Vale
330156363	Rockhampton (R) - Fitzroy Pt B
330156366	Rockhampton (R) - Livingstone Pt B

330156367	Rockhampton (R) - Mount Morgan
330157550	Woorabinda (S)
335050412	Barcaldine (R) - Aramac
335050416	Barcaldine (R) - Barcaldine
335050418	Barcaldine (R) - Jericho
335050450	Barcoo (S)
335050762	Blackall Tambo (R) - Blackall
335050765	Blackall Tambo (R) - Tambo
335050900	Boulia (S)
335052750	Diamantina (S)
335054712	Longreach (R) - Ilfracombe
335054714	Longreach (R) - Isisford
335054716	Longreach (R) - Longreach
335057400	Winton (S)
340054772	Mackay (R) - Mackay Pt A
340103982	Isaac (R) - Belyando
340103984	Isaac (R) - Broadsound
340103986	Isaac (R) - Nebo
340104773	Mackay (R) - Mackay Pt B
340104775	Mackay (R) - Mirani
340104777	Mackay (R) - Sarina
340107342	Whitsunday (R) - Bowen
340107345	Whitsunday (R) - Whitsunday
345057001	Aitkenvale
345057003	City
345057007	Cranbrook
345057012	Currajong
345057014	Douglas
345057015	Garbutt
345057018	Gulliver
345057023	Heatley
345057026	Hermit Park
345057027	Hyde Park-Mysterton
345057031	Magnetic Island
345057033	Mt Louisa-Mt St John-Bohle
345057034	Mundingburra
345057038	Murray
345057041	North Ward-Castle Hill
345057044	Oonoonba-Idalia-Cluden
345057047	Pallarenda-Shelley Beach
345057051	Pimlico
345057054	Railway Estate
345057058	Rosslea
345057062	Rowes Bay-Belgian Gardens
345057065	South Townsville
345057068	Stuart-Roseneath
345057071	Vincent
345057074	West End
345057078	Wulguru
345107005	Condon-Rasmussen-Bohle Basin
345107028	Kelso
345107030	Kirwan
345151900	Burdekin (S)
345152312	Charters Towers (R) - Charters Towers
345152314	Charters Towers (R) - Dalrymple
345153800	Hinchinbrook (S)
345155790	Palm Island (S)
345157043	Northern Beaches-Pinnacles
345157076	Woodstock-Cleveland-Ross
350052062	Cairns (R) - Barron
350052065	Cairns (R) - Central Suburbs
350052066	Cairns (R) - City
350052068	Cairns (R) - Mt Whitfield
350052072	Cairns (R) - Northern Suburbs

350052074	Cairns (R) - Trinity
350052076	Cairns (R) - Western Suburbs
350100250	Aurukun (S)
350102067	Cairns (R) - Douglas
350102078	Cairns (R) - Pt B
350102262	Cassowary Coast (R) - Cardwell
350102264	Cassowary Coast (R) - Johnstone
350102500	Cook (S)
350102600	Croydon (S)
350103100	Etheridge (S)
350103830	Hope Vale (S)
350104420	Kowanyama (S)
350104570	Lockhart River (S)
350104830	Mapoon (S)
350105670	Napranum (S)
350105781	Northern Peninsula Area (R) - Bamaga
350105783	Northern Peninsula Area (R) - Injinoo
350105784	Northern Peninsula Area (R) - New Mapoon
350105786	Northern Peninsula Area (R) - Seisia
350105788	Northern Peninsula Area (R) - Umagico
350106070	Pormpuraaw (S)
350106812	Tablelands (R) - Atherton
350106814	Tablelands (R) - Eacham
350106816	Tablelands (R) - Herberton
350106818	Tablelands (R) - Mareeba
350106950	Torres (S)
350106963	Torres Strait Island (R) - Badu
350106965	Torres Strait Island (R) - Boigu
350106968	Torres Strait Island (R) - Dauan
350106972	Torres Strait Island (R) - Erub
350106974	Torres Strait Island (R) - Hammond
350106976	Torres Strait Island (R) - Iama
350106978	Torres Strait Island (R) - Kubin
350106982	Torres Strait Island (R) - Mabuiag
350106984	Torres Strait Island (R) - Mer
350106986	Torres Strait Island (R) - Poruma
350106992	Torres Strait Island (R) - Saibai
350106993	Torres Strait Island (R) - St Pauls
350106995	Torres Strait Island (R) - Ugar
350106996	Torres Strait Island (R) - Warraber
350106998	Torres Strait Island (R) - Yorke
350107300	Weipa (T)
350107570	Wujal Wujal (S)
350107600	Yarrabah (S)
355051950	Burke (S)
355052250	Carpentaria (S)
355052450	Cloncurry (S)
355052770	Doomadgee (S)
355053200	Flinders (S)
355054800	McKinlay (S)
355055250	Mornington (S)
355055300	Mount Isa (C)
355056300	Richmond (S)
385019779	Migratory - Offshore - Shipping (Qld)
405052030	Gawler (T)
405055681	Playford (C) - East Central
405055683	Playford (C) - Elizabeth
405055684	Playford (C) - Hills
405055686	Playford (C) - West
405055688	Playford (C) - West Central
405055891	Port Adel. Enfield (C) - East
405055894	Port Adel. Enfield (C) - Inner
405057141	Salisbury (C) - Central
405057143	Salisbury (C) - Inner North

405057144	Salisbury (C) - North-East
405057146	Salisbury (C) - South-East
405057148	Salisbury (C) Bal
405057701	Tea Tree Gully (C) - Central
405057704	Tea Tree Gully (C) - Hills
405057705	Tea Tree Gully (C) - North
405057708	Tea Tree Gully (C) - South
405101061	Charles Sturt (C) - Coastal
405101064	Charles Sturt (C) - Inner East
405101065	Charles Sturt (C) - Inner West
405101068	Charles Sturt (C) - North-East
405105895	Port Adel. Enfield (C) - Coast
405105896	Port Adel. Enfield (C) - Park
405105897	Port Adel. Enfield (C) - Port
405108411	West Torrens (C) - East
405108414	West Torrens (C) - West
405108899	Unincorp. Western
405150070	Adelaide (C)
405150121	Adelaide Hills (DC) - Central
405150124	Adelaide Hills (DC) - Ranges
405150701	Burnside (C) - North-East
405150704	Burnside (C) - South-West
405150911	Campbelltown (C) - East
405150914	Campbelltown (C) - West
405155291	Norw. P'ham St Ptrs (C) - East
405155294	Norw. P'ham St Ptrs (C) - West
405156510	Prospect (C)
405157981	Unley (C) - East
405157984	Unley (C) - West
405158260	Walkerville (M)
405202601	Holdfast Bay (C) - North
405202604	Holdfast Bay (C) - South
405204061	Marion (C) - Central
405204064	Marion (C) - North
405204065	Marion (C) - South
405204341	Mitcham (C) - Hills
405204344	Mitcham (C) - North-East
405204345	Mitcham (C) - West
405205341	Onkaparinga (C) - Hackham
405205342	Onkaparinga (C) - Hills
405205343	Onkaparinga (C) - Morphett
405205344	Onkaparinga (C) - North Coast
405205345	Onkaparinga (C) - Reservoir
405205346	Onkaparinga (C) - South Coast
405205347	Onkaparinga (C) - Woodcroft
410050311	Barossa (DC) - Angaston
410050314	Barossa (DC) - Barossa
410050315	Barossa (DC) - Tanunda
410053650	Light (RegC)
410053920	Mallala (DC)
410102750	Kangaroo Island (DC)
410150125	Adelaide Hills (DC) - North
410150128	Adelaide Hills (DC) Bal
410154551	Mount Barker (DC) - Central
410154554	Mount Barker (DC) Bal
410200221	Alexandrina (DC) - Coastal
410200224	Alexandrina (DC) - Strathalbyn
410208050	Victor Harbor (C)
410208750	Yankalilla (DC)
415050430	Barunga West (DC)
415051560	Copper Coast (DC)
415058831	Yorke Peninsula (DC) - North
415058834	Yorke Peninsula (DC) - South
415058969	Unincorp. Yorke

415101140	Clare and Gilbert Valleys (DC)
415102110	Goyder (DC)
415108130	Wakefield (DC)
420050521	Berri and Barmera (DC) - Barmera
420050524	Berri and Barmera (DC) - Berri
420053791	Loxton Waikerie (DC) - East
420053794	Loxton Waikerie (DC) - West
420054210	Mid Murray (DC)
420056671	Renmark Paringa (DC) - Paringa
420056674	Renmark Paringa (DC) - Renmark
420059039	Unincorp. Riverland
420103080	Karoonda East Murray (DC)
420105040	Murray Bridge (RC)
420107290	Southern Mallee (DC)
420107800	The Coorong (DC)
420109109	Unincorp. Murray Mallee
425053360	Kingston (DC)
425055090	Naracoorte and Lucindale (DC)
425056860	Robe (DC)
425057630	Tatiara (DC)
425102250	Grant (DC)
425104620	Mount Gambier (C)
425108341	Wattle Range (DC) - East
425108344	Wattle Range (DC) - West
430051190	Cleve (DC)
430051750	Elliston (DC)
430051960	Franklin Harbour (DC)
430053220	Kimba (DC)
430053710	Lower Eyre Peninsula (DC)
430056300	Port Lincoln (C)
430057910	Tumby Bay (DC)
430058640	Wudinna (DC)
430059179	Unincorp. Lincoln
430101010	Ceduna (DC)
430107490	Streaky Bay (DC)
430109249	Unincorp. West Coast
435058540	Whyalla (C)
435059389	Unincorp. Whyalla
435155120	Northern Areas (DC)
435155400	Orroroo/Carrieton (DC)
435155540	Peterborough (DC)
435156451	Port Pirie C Dists (M) - City
435156454	Port Pirie C Dists (M) Bal
435159459	Unincorp. Pirie
435201830	Flinders Ranges (DC)
435204830	Mount Remarkable (DC)
435206090	Port Augusta (C)
435209529	Unincorp. Flinders Ranges
435250250	Anangu Pitjantjatjara (AC)
435251330	Coober Pedy (DC)
435254000	Maralinga Tjarutja (AC)
435256970	Roxby Downs (M)
435259589	Unincorp. Far North
485019779	Migratory - Offshore - Shipping (SA)
505051310	Cambridge (T)
505051750	Claremont (T)
505052170	Cottesloe (T)
505055740	Mosman Park (T)
505056580	Nedlands (C)
505056930	Peppermint Grove (S)
505057081	Perth (C) - Inner
505057082	Perth (C) - Remainder
505057980	Subiaco (C)
505058570	Vincent (T)

505100350	Bassendean (T)
505100420	Bayswater (C)
505104200	Kalamunda (S)
505106090	Mundaring (S)
505108050	Swan (C)
505154171	Joondalup (C) - North
505154174	Joondalup (C) - South
505157914	Stirling (C) - Central
505157915	Stirling (C) - Coastal
505157916	Stirling (C) - South-Eastern
505158761	Wanneroo (C) - North-East
505158764	Wanneroo (C) - North-West
505158767	Wanneroo (C) - South
505201820	Cockburn (C)
505203150	East Fremantle (T)
505203431	Fremantle (C) - Inner
505203432	Fremantle (C) - Remainder
505204830	Kwinana (T)
505205320	Melville (C)
505207490	Rockingham (C)
505250210	Armadale (C)
505250490	Belmont (C)
505251330	Canning (C)
505253780	Gosnells (C)
505257700	Serpentine-Jarrahdale (S)
505257840	South Perth (C)
505258510	Victoria Park (T)
510015110	Mandurah (C)
510016230	Murray (S)
510031190	Bunbury (C)
510031401	Capel (S) - Pt A
510032661	Dardanup (S) - Pt A
510033991	Harvey (S) - Pt A
510100630	Boddington (S)
510101404	Capel (S) - Pt B
510101890	Collie (S)
510102664	Dardanup (S) - Pt B
510102870	Donnybrook-Balingup (S)
510103994	Harvey (S) - Pt B
510108820	Waroona (S)
510150280	Augusta-Margaret River (S)
510151260	Busselton (S)
510200770	Boyup Brook (S)
510200840	Bridgetown-Greenbushes (S)
510205180	Manjimup (S)
510206300	Nannup (S)
515051080	Broomehill-Tambellup (S)
515053640	Gnowangerup (S)
515054130	Jerramungup (S)
515054340	Katanning (S)
515054480	Kent (S)
515054550	Kojonup (S)
515059320	Woodanilling (S)
515100081	Albany (C) - Central
515100084	Albany (C) Bal
515102240	Cranbrook (S)
515102730	Denmark (S)
515107210	Plantagenet (S)
520050910	Brookton (S)
520052310	Cuballing (S)
520053010	Dumbleyung (S)
520056450	Narrogin (S)
520056520	Narrogin (T)
520057140	Pingelly (S)

520058610	Wagin (S)
520058680	Wandering (S)
520058890	West Arthur (S)
520059100	Wickepin (S)
520059170	Williams (S)
520102100	Corrigin (S)
520104620	Kondinin (S)
520104760	Kulin (S)
520104900	Lake Grace (S)
525051680	Chittering (S)
525052590	Dandaragan (S)
525053570	Gingin (S)
525055600	Moora (S)
525058540	Victoria Plains (S)
525100560	Beverley (S)
525102450	Cunderdin (S)
525102520	Dalwallinu (S)
525102940	Dowerin (S)
525103710	Goomalling (S)
525104690	Koorda (S)
525106732	Northam
525106735	Northam Town
525107350	Quairading (S)
525108190	Tammin (S)
525108330	Toodyay (S)
525109310	Wongan-Ballidu (S)
525109330	Wyalkatchem (S)
525109370	York (S)
525151120	Bruce Rock (S)
525154410	Kellerberrin (S)
525155460	Merredin (S)
525155880	Mount Marshall (S)
525155950	Mukinbudin (S)
525156370	Narembeen (S)
525156860	Nungarin (S)
525158400	Trayning (S)
525159030	Westonia (S)
525159360	Yilgarn (S)
530014281	Kalgoorlie/Boulder (C) - Pt A
530051960	Coolgardie (S)
530054284	Kalgoorlie/Boulder (C) - Pt B
530054970	Laverton (S)
530055040	Leonora (S)
530055390	Menzies (S)
530056620	Ngaanyatjarraku (S)
530103080	Dundas (S)
530103290	Esperance (S)
530107420	Ravensthorpe (S)
535033522	Geraldton
535033524	Greenough - Pt A
535051540	Carnarvon (S)
535053360	Exmouth (S)
535057770	Shark Bay (S)
535058470	Upper Gascoyne (S)
535102380	Cue (S)
535105250	Meekatharra (S)
535105810	Mount Magnet (S)
535106160	Murchison (S)
535107630	Sandstone (S)
535109250	Wiluna (S)
535109350	Yalgoo (S)
535151470	Carnamah (S)
535151610	Chapman Valley (S)
535152030	Coorow (S)

535153526	Greenough - Pt B
535154060	Irwin (S)
535155530	Mingenew (S)
535155670	Morawa (S)
535156020	Mullewa (S)
535156790	Northampton (S)
535157000	Perenjori (S)
535158260	Three Springs (S)
540053220	East Pilbara (S)
540057280	Port Hedland (T)
540100250	Ashburton (S)
540107560	Roebourne (S)
545053920	Halls Creek (S)
545059340	Wyndham-East Kimberley (S)
545100980	Broome (S)
545102800	Derby-West Kimberley (S)
585019779	Migratory - Offshore - Shipping (WA)
605050410	Brighton (M)
605051410	Clarence (C)
605051511	Derwent Valley (M) - Pt A
605052610	Glenorchy (C)
605052811	Hobart (C) - Inner
605052812	Hobart (C) - Remainder
605053611	Kingborough (M) - Pt A
605054811	Sorell (M) - Pt A
610051010	Central Highlands (M)
610051512	Derwent Valley (M) - Pt B
610052410	Glamorgan/Spring Bay (M)
610053010	Huon Valley (M)
610053612	Kingborough (M) - Pt B
610054812	Sorell (M) - Pt B
610055010	Southern Midlands (M)
610055210	Tasman (M)
615052211	George Town (M) - Pt A
615054011	Launceston (C) - Inner
615054012	Launceston (C) - Pt B
615054211	Meander Valley (M) - Pt A
615054611	Northern Midlands (M) - Pt A
615055811	West Tamar (M) - Pt A
615102212	George Town (M) - Pt B
615104013	Launceston (C) - Pt C
615104212	Meander Valley (M) - Pt B
615104612	Northern Midlands (M) - Pt B
615105812	West Tamar (M) - Pt B
615150210	Break O'Day (M)
615151810	Dorset (M)
615152010	Flinders (M)
620050611	Burnie (C) - Pt A
620050811	Central Coast (M) - Pt A
620051610	Devonport (C)
620053811	Latrobe (M) - Pt A
620055411	Waratah/Wynyard (M) - Pt A
620100612	Burnie (C) - Pt B
620100812	Central Coast (M) - Pt B
620101210	Circular Head (M)
620103210	Kentish (M)
620103410	King Island (M)
620103812	Latrobe (M) - Pt B
620105412	Waratah/Wynyard (M) - Pt B
620155610	West Coast (M)
685019779	Migratory - Offshore - Shipping (Tas.)
705051004	Alawa
705051008	Anula
705051011	Bayview-Woolner

705051014	Brinkin
705051018	City - Inner
705051024	Coconut Grove
705051026	Darwin Waterfront
705051028	Fannie Bay
705051034	Jingili
705051038	Karama
705051044	Larrakeyah
705051048	Leanyer
705051052	Lee Point-Leanyer Swamp
705051054	Ludmilla
705051058	Malak
705051064	Marrara
705051068	Millner
705051074	Moil
705051078	Nakara
705051084	Narrows
705051088	Nightcliff
705051094	Parap
705051098	Rapid Creek
705051104	Stuart Park
705051108	The Gardens
705051114	Tiwi
705051118	Wagaman
705051124	Wanguri
705051128	Winnellie
705051134	Wulagi
705051138	City - Remainder
705101169	East Arm
705102802	Bakewell
705102804	Driver
705102806	Durack
705102808	Gray
705102811	Gunn-Palmerston City
705102814	Moulden
705102818	Woodroffe
705102824	Palmerston (C) Bal
705202304	Litchfield (M) - Pt A
705202308	Litchfield (M) - Pt B
710050540	Belyuen (S)
710050700	Coomalie (S)
710051509	Finniss-Mary
710054560	Wagait (S)
710104050	Tiwi Islands (S)
710154663	West Arnhem (S) - Jabiru
710154666	West Arnhem (S) Bal
710250419	Alyangula
710251300	East Arnhem (S)
710252409	Nhulunbuy
710302200	Katherine (T)
710303600	Roper Gulf (S)
710304505	Victoria-Daly (S) - Wadeye and OS
710304508	Victoria-Daly (S) Bal
710350422	Barkly (S) - Tennant Creek
710350425	Barkly (S) Bal
710400201	Alice Springs (T) - Charles
710400203	Alice Springs (T) - Heavitree
710400205	Alice Springs (T) - Larapinta
710400207	Alice Springs (T) - Ross
710400208	Alice Springs (T) - Stuart
710400620	Central Desert (S)
710402330	MacDonnell (S)
710406059	Yulara
785019779	Migratory - Offshore - Shipping (NT)

805050089	Acton
805050189	Ainslie
805050639	Braddon
805050909	Campbell
805051449	City
805051889	Dickson
805051989	Downer
805052169	Duntroon
805053609	Hackett
805055049	Kowen
805055229	Lyneham
805055769	Majura
805056389	O'Connor
805057209	Reid
805057479	Russell
805058289	Turner
805058559	Watson
805100279	Aranda
805100459	Belconnen Town Centre
805100549	Belconnen - SSD Bal
805100729	Bruce
805101179	Charnwood
805101629	Cook
805102139	Dunlop
805102259	Evatt
805102619	Florey
805102709	Flynn
805102889	Fraser
805103249	Giralang
805103879	Hawker
805103969	Higgins
805104149	Holt
805104779	Kaleen
805105139	Latham
805105409	McKellar
805105589	Macgregor
805105679	Macquarie
805105949	Melba
805106669	Page
805107569	Scullin
805107659	Spence
805108649	Weetangera
805151269	Chifley
805151719	Curtin
805152439	Farrer
805153069	Garran
805154239	Hughes
805154419	Isaacs
805155319	Lyons
805155859	Mawson
805156489	O'Malley
805156849	Pearce
805156939	Phillip
805158109	Torrens
805201089	Chapman
805202079	Duffy
805202529	Fisher
805204059	Holder
805207389	Rivett
805207749	Stirling
805207839	Stromlo
805208469	Waramanga
805208739	Weston
805208829	Weston Creek-Stromlo - SSD Bal

805250339	Banks
805250609	Bonython
805250819	Calwell
805251359	Chisholm
805251549	Conder
805252349	Fadden
805253159	Gilmore
805253289	Gordon
805253339	Gowrie
805253379	Greenway
805254509	Isabella Plains
805254869	Kambah
805255489	Macarthur
805256129	Monash
805256579	Oxley
805257289	Richardson
805258019	Theodore
805258189	Tuggeranong - SSD Bal
805258379	Wanniassa
805350369	Barton
805351809	Deakin
805352789	Forrest
805352979	Fyshwick
805353429	Griffith
805353789	Harman
805354329	Hume
805354589	Jerrabomberra
805354959	Kingston
805356219	Narrabundah
805356309	Oaks Estate
805356759	Parkes
805357029	Pialligo
805357119	Red Hill
805357929	Symonston
805358919	Yarralumla
805400239	Amaroo
805400589	Bonner
805400939	Casey
805401649	Crace
805402779	Forde
805402849	Franklin
805403519	Gungahlin
805403529	Gungahlin-Hall - SSD Bal
805403689	Hall
805403819	Harrison
805406039	Mitchell
805406249	Ngunnawal
805406279	Nicholls
805406719	Palmerston
810059009	Remainder of ACT
885019779	Migratory - Offshore - Shipping (ACT)
910051009	Jervis Bay Territory
910052009	Territory of Christmas Island
910053009	Territory of Cocos (Keeling) Islands
985019779	Migratory - Offshore - Shipping (OT)

Australian Time Zone

Australian Time Zone Abbreviations - https://www.timeanddate.com/time/zones/au

`ACDT`	Australian Central Daylight Time UTC +10:30
`ACST`	Australian Central Standard Time UTC +9:30
`ACT`	Australian Central Time UTC +9:30 / +10:30
`ACWST`	Australian Central Western Standard Time UTC +8:45
`AEDT`	Australian Eastern Daylight Time UTC +11
`AEST`	Australian Eastern Standard Time UTC +10
`AET`	Australian Eastern Time UTC +10:00 / +11:00
`AWDT`	Australian Western Daylight Time UTC +9
`AWST`	Australian Western Standard Time UTC +8
`CXT`	Christmas Island Time UTC +7
`LHDT`	Lord Howe Daylight Time UTC +11
`LHST`	Lord Howe Standard Time UTC +10:30
`NFT`	Norfolk Time UTC +11
`Other`	Other Time Zone not defined

Birthdate Verification

`1004`	Birth certificate
`1006`	Hospital certificate
`1008`	Passport
`1009`	Physician's certificate
`1010`	Previously verified school records
`1011`	State-issued ID
`1012`	Driver's license
`1013`	Immigration document/visa
`3423`	Other official document
`3424`	Other non-official document
`9999`	Other
`N`	Birthdate NOT Verified
`Y`	Documentation Sighted, type not recorded

Boarding

Student Boarding Status

`B`	Boarding Student
`D`	Day Student

Calendar Event

A code indicating the type of school day

`0845`	Teacher only day
`0846`	Holiday
`0848`	Student late arrival/early dismissal
`0849`	Emergency day
`3421`	Strike
`9999`	Other
`FDAM`	Facility Damage
`INAW`	Industrial Award
`INST`	Instructional School Day
`MKUP`	Instructional day that is scheduled solely to make up for emergency days or early dismissal days.
`POUT`	Power Outage
`RELI`	Religious Observance
`WEAT`	Weather Event

Day Value Code

`AM`	Morning
`Full`	All Day
`N/A`	Not Applicable
`Partial`	Partial Day
`PM`	Afternoon

Detention Category

Initially provided from WA DET. This code set is in draft and changes are expected. Future changes may re-specify code values.

A	After School
AR	Afternoon Recess
B	Before School
L	Lunch
MR	Morning Recess
O	Other
R	Recess

Dwelling Arrangement

1669	Boarding house
1670	Cooperative house
1671	Crisis shelter
1672	Disaster shelter
1673	Residential school/dormitory
1674	Family residence - Both Parents/Guardians
1675	Foster home
1676	Institution
1677	Prison or juvenile detention center
1678	Rooming house
1679	Transient shelter
167I	Independent
167o	Family residence - One Parent/Guardian
1680	No home (Homeless Youth)
1681	Other dormitory
168A	Arranged by State - Out of Home Care
3425	Group home/halfway house
4000	Boarder
9999	Other

Education Agency Type

01	Jurisdictional agency
02	Cross-jurisdictional agency
03	Intra-jurisdictional agency
99	Other

Education Level

Education Level - Primary, Secondary or Combined, Associated with AG Student Collections

Combined	Combined
Primary	Primary
Secondary	Secondary

Electronic Id Type

01	Barcode
02	Magstripe
03	PIN
04	RFID

Email Type

01	Primary
02	Alternate 1
03	Alternate 2
04	Alternate 3
05	Alternate 4
06	Work
07	Personal

Employment Type

Reference: ACARA Data Standards Manual - Parental occupation group

https://www.acara.edu.au/reporting/data-standards-manual-student-background-characteristics

1	Senior management in large business organisation, government administration and defence and qualified professionals
2	Other business managers, arts/media/sportspersons and associate professionals
3	Tradesmen/women, clerks and skilled office, sales and service staff
4	Machine operators, hospitality staff, assistants, labourers and related workers
8	Out of employed work for 12 months or more (If less use previous occupational group)
9	Unknown

English Proficiency

1289.0 - Standards for Statistics on Cultural and Language Diversity, 1999, https://www.abs.gov.au/Ausstats/abs@.nsf/mf/1289.0

Explanation of usage: https://www.ausstats.abs.gov.au/ausstats/subscriber.nsf/0/CA25687100069892CA256889000C9E88/$File/12890_1999.pdf

Classification: The standard classification used to code, store and disseminate data collected by Proficiency in Spoken English is a flat classification, having only one level with four categories. These categories are the same as the question response categories ('Very well', 'Well', 'Not well', 'Not at all'). Two supplementary codes are also provided in the classification for 'Not stated' and 'Not applicable' responses (see Coding Procedures), which makes the classification applicable to all persons. However, it should be noted that this is a coding convention and that, setting aside these special codes, the scope of the classification, along with the variable, is people who speak a language other than English.

See Also: https://meteor.aihw.gov.au/content/index.phtml/itemId/695981

0	Not Stated/Inadequately described
1	Very well
2	Well
3	Not well
4	Not at all
9	Not Applicable - English is 'first language spoken' and do not 'speak a language other than English at home'.

Enrollment Time Frame

C	Current
F	Future
H	Historical

Entry Type

0997	Transfer from a different campus of the same school
0998	Temporary enrolment
1821	Transfer from a public school in the same district
1822	Transfer from a public school in a different district in the same jurisdiction
1823	Transfer from a public school in a different jurisdiction
1824	Transfer from a private, non-religiously-affiliated school in the same district
1825	Transfer from a private, non-religiously-affiliated school in a different district
1826	Transfer from a private, non-religiously-affiliated school in a different jurisdiction
1827	Transfer from a private, religiously-affiliated school in the same district
1828	Transfer from a private, religiously-affiliated school in a different district in the same jurisdiction
1829	Transfer from a private, religiously-affiliated school in a different jurisdiction
1830	Transfer from a school outside of the country
1831	Transfer from an institution
1833	Transfer from home schooling
1835	Re-entry from the same school with no interruption of schooling
1836	Re-entry after a voluntary withdrawal
1837	Re-entry after an involuntary withdrawal
1838	Original entry into an Australian school
1839	Original entry into an Australian school from a foreign country with no interruption in schooling
1840	Original entry into an Australian school from a foreign country with an interruption in schooling
1841	Entry into Intensive English Centre
9999	Other

Equipment Type

Source: SIF-AU (EquipmentInfo)

DesktopComputer	Desktop Computer
LaptopComputer	Laptop Computer
Other	Other
OverheadProjector	Overhead Projector
SlideProjector	Slide Projector
Tablet	Tablet
Vehicle	Vehicle

Event Category

Wellbeing Event Category - initially provided from WA DET. This code set is in draft and changes are expected. Future changes may re-specify code values.

99	Other Behaviour
B1	Safe
B2	Caring
B3	Respectful
B4	Responsible
B5	Enterprising
B6	Effort
B7	Citizenship
B8	Cooperation
B9	Leadership
M1	Aggressive physical contact against staff
M2	Abuse, threats, harassment or intimidation of staff
M3	Aggressive physical contact against a student
M4	Abuse, threats, harassment or intimidation of a student
M5	Damage to or theft of property
M6	Other violation of Code of Conduct (classroom managed)
M7	Possession, use or supply of substances or objects with restricted sale
M8	Possession, use or supply of illegal substances or objects
M9	E-breaches

Event Sub Category

Wellbeing Event Sub Category - initially provided from WA DET. This code set is in draft and changes are expected. Future changes may re-specify code values.

B1a	Resolves issues peacefully
B1b	Plays in a friendly way
B1c	Uses equipment safely
B1d	Understands the purpose and need for rules
B1e	Seeks help from a responsible adult
B1f	Alerts others to risks and dangers
B1g	Moves away from danger
B1h	Uses protective interruption with peers
B1i	Observes and listens before acting
B2a	Helps someone or something in need
B2b	Shows empathy
B2c	Shows compassion
B2d	Is forgiving
B2e	Talks in a friendly way
B3a	Shows intercultural understanding
B3b	Acknowledges authority
B3c	Shows courtesy
B3d	Is polite
B3e	Accepts difference
B3f	Acknowledges the rights of others
B3g	Uses appropriate language/tone
B3h	Gives value to others' opinions
B3i	Maintains appropriate personal space
B3j	Shows consideration of impact of actions on others
B4a	Is honest
B4b	Acts with integrity
B4c	Self regulates
B4d	Co-regulates
B4e	Helps others to regulate
B4f	Is trustworthy
B4g	Copes with frustration
B4h	Accepts accountability
B4i	Owns consequences of actions
B4j	Is organised
B5a	Thinks critically
B5b	Is creative
B5c	Is timely
B5d	Takes considered risks
B5e	Takes a problem solving approach
B5f	Is adaptable
B5g	Shows independence
B5h	Takes initiative
B5i	Shows persistence
B5j	Shows courage
B5k	Negotiates
B5l	Is persuasive
B5m	Builds social support (networks)
B5n	Innovates
B5o	Shows determination
B6a	Pays attention
B6b	Tries hard
B6c	Completes work
B6d	Perseveres
B6e	Asks questions
B6f	Shows desire to learn
B6g	Stays on task
B6h	Participates constructively
B6i	Shows commitment to identified goals
B7a	Promotes justice
B7b	Follows rules and laws
B7c	Stands up for others appropriately
B7d	Puts others' needs before own
B7e	Contributes to the school/class
B7f	Contributes to the community

B7g	Is involved
B7h	Belongs
B7i	Promotes harmony
B7j	Gives back to the greater good
B7k	Becomes informed
B7l	Uses procedures and protocols
B7m	Participates in democratic decision making
B7n	Helps others to reach their goals
B8a	Is fair
B8b	Shows mutuality (sharing a feeling, action or relationship)
B8c	Shows reciprocity ("I scratch your back, you scratch mine")
B8d	Shows goodwill
B8e	Is attentive to others' reactions
B8f	Is open to dialogue/discussion
B8g	Works to be a valued member of a team
B8h	Offers others choices
B9a	Inspires others
B9b	Represents others
B9c	Delegates to others
B9d	Shows self confidence
B9e	Shows assertiveness
B9f	Stays positive
B9g	Shoulders blame
B9h	Sets an example
B9i	Communicates effectively
B9j	Shows wisdom
M1a	Striking - Staff
M1b	Pushing or barging - Staff
M1c	Use of a weapon or object - Staff
M1d	Projectile - Staff
M1e	Struggling to be free of a physical restraint - Staff
M1f	Unintentional but negligent contact - Staff
M2a	Verbal abuse - Staff
M2b	Non-Verbal abuse - Staff
M2c	Verbal threat - Staff
M2d	Threatening gesture - Staff
M2e	Disrespectful or challenging language - Staff
M2f	Malicious gossip - Staff
M2g	Sexual harassment - Staff
M3a	Striking - Student
M3b	Pushing or barging - Student
M3c	Use of a weapon or object - Student
M3d	Projectile - Student
M3e	Struggling to be free of violation of personal space or deprivation of liberty - Student
M3f	Unintentional but negligent contact - Student
M4a	Verbal abuse - Student
M4b	Non-Verbal abuse - Student
M4c	Verbal threat - Student
M4d	Threatening gesture - Student
M4e	Malicious gossip - Student
M4f	Exclusion of peer - Student
M4g	Teasing - Student
M4h	Unhelpful bystander actions - Student
M4i	Sexual harassment - Student
M5a	Theft of personal property
M5b	Theft of school property
M5c	Deliberate damage to personal property
M5d	Incidental damage through negligence
M5e	Graffiti
M5f	Damage to: Buildings and glass
M5g	Damage to: Fittings and fixtures
M5h	Damage to: Furniture
M5i	Damage to: Equipment
M5j	Damage to: Vehicles

M5k	Damage to: Garden and plants
M6a	Active refusal to follow reasonable instructions
M6b	Passive non-compliance
M6c	Disruptive
M6d	Defiant
M6e	Unclear boundaries
M6f	Erratic
M6g	Impulsive
M6h	Uninterested
M6i	Inattentive
M6j	Unresponsive
M6k	Unprepared
M6l	Out of bounds
M6n	Dress code breach without reasonable explanation
M6o	Lateness
M6p	Class-work avoidance
M6q	Unsafe
M6r	Out of class without permission
M6s	Annoying
M6t	Inappropriate language
M6u	Academic dishonesty
M6v	Loud
M6w	Out of seat
M6x	Failure to use manners
M6y	Littering
M6z	Disorderly
M7a	Cigarette
M7b	Alcohol
M7c	Over-the-counter medication
M7d	ADHD medication
M7e	Other prescription medication
M7f	Aerosol
M7g	Solvents
M7h	Inappropriate sexual material
M8a	Knife or blade
M8b	Firearm
M8c	Amphetamines
M8d	Marijuana
M8e	Drug implement or paraphernalia
M8f	Other illegal drug
M8g	Other illegal weapon
M9a	Cyberbullying
M9b	Hacking
M9c	Breach of Department acceptable use agreement
M9d	Breach of Students Online policy
M9e	Persistent personal use of a MED when not permitted
M9f	Inappropriate audio or video recording
M9g	Inappropriate uploading of text, images or audio
M9h	Public posting of messages that bring the school or Department into disrepute
M9i	Copyright infringement or plagiarism

Exit/Withdrawal Status

1905	Permanent exit/withdrawal
1906	Temporary exit/withdrawal
9999	Unknown

Exit/Withdrawal Type

1907	Student is in a different public school in the same district
1908	Transferred to a public school in a different local education agency in the same jurisdiction
1909	Transferred to a public school in a different jurisdiction
1910	Transferred to a private, non-religiously-affiliated school in the district
1911	Transferred to a private, non-religiously-affiliated school in a different district in the same jurisdiction
1912	Transferred to a private, non-religiously-affiliated school in a different jurisdiction
1913	Transferred to a private, religiously-affiliated school in the same district
1914	Transferred to a private, religiously-affiliated school in a different district in the same jurisdiction
1915	Transferred to a private, religiously-affiliated school in a different jurisdiction
1916	Transferred to a school outside of the country
1917	Transferred to an institution
1918	Transferred to home schooling
1919	Transferred to a charter school
1921	Graduated with regular, advanced, International Baccalaureate, or other type of diploma
1922	Completed school with other credentials
1923	Died or is permanently incapacitated
1924	Withdrawn due to illness
1925	Expelled, Excluded or involuntarily withdrawn
1926	Reached maximum age for services
1927	Discontinued schooling
1928	Completed grade 12, but did not meet all graduation requirements
1930	Enrolled in a postsecondary early admission program, eligible to return
1931	Not enrolled, unknown status
1940	Deceased
1941	Permanently incapacitated
3499	Student is in the same local education agency and receiving education services, but is not assigned
3500	Enrolled in an adult education or training program
3501	Completed a state-recognized vocational education program
3502	Not enrolled, eligible to return
3503	Enrolled in a foreign exchange program, eligible to return
3504	Withdrawn from school, under the age for compulsory attendance; eligible to return
3505	Exited
3509	Completed with a state-recognized equivalency certificate
9998	Transferred to a different campus of the same school
9999	Other

Federal Electorate

Federal Electorates from the Australian Electoral Commission; https://www.aec.gov.au/profiles/index.htm, loaded using 2019 electorates from the coding description of Commonwealth Electoral Divisions, ABS https://www.abs.gov.au/ausstats/abs@.nsf/Lookup/by%20Subject/1270.0.55.003~July%202017~Main%20Features~Commonwealth%20Electoral%20Divisions%20(CEDs)~6

101	Banks
102	Barton
103	Bennelong
104	Berowra
105	Blaxland
106	Bradfield
107	Calare
108	Chifley
109	Cook
110	Cowper
111	Cunningham
112	Dobell
113	Eden-Monaro
114	Farrer
115	Fowler
116	Gilmore
117	Grayndler
118	Greenway
119	Hughes
120	Hume
121	Hunter
122	Kingsford Smith
123	Lindsay
124	Lyne
125	Macarthur
126	Mackellar
127	Macquarie
128	McMahon
129	Mitchell
130	New England
131	Newcastle
132	North Sydney
133	Page
134	Parkes
135	Parramatta
136	Paterson
137	Reid
138	Richmond
139	Riverina
140	Robertson
141	Shortland
142	Sydney
143	Warringah
144	Watson
145	Wentworth
146	Werriwa
147	Whitlam
197	Migratory - Offshore - Shipping (NSW)
201	Aston
202	Ballarat
203	Bendigo
204	Bruce
205	Calwell
206	Casey
207	Chisholm
208	Cooper
209	Corangamite
210	Corio
211	Deakin
212	Dunkley
213	Flinders
214	Fraser
215	Gellibrand
216	Gippsland

217	Goldstein
218	Gorton
219	Higgins
220	Holt
221	Hotham
222	Indi
223	Isaacs
224	Jagajaga
225	Kooyong
226	Lalor
227	La Trobe
228	Macnamara
229	Mallee
230	Maribyrnong
231	McEwen
232	Melbourne
233	Menzies
234	Monash
235	Nicholls
236	Scullin
237	Wannon
238	Wills
297	Migratory - Offshore - Shipping (Vic.)
301	Blair
302	Bonner
303	Bowman
304	Brisbane
305	Capricornia
306	Dawson
307	Dickson
308	Fadden
309	Fairfax
310	Fisher
311	Flynn
312	Forde
313	Griffith
314	Groom
315	Herbert
316	Hinkler
317	Kennedy
318	Leichhardt
319	Lilley
320	Longman
321	Maranoa
322	McPherson
323	Moncrieff
324	Moreton
325	Oxley
326	Petrie
327	Rankin
328	Ryan
329	Wide Bay
330	Wright
397	Migratory - Offshore - Shipping (Qld)
401	Adelaide
402	Barker
403	Boothby
404	Grey
405	Hindmarsh
406	Kingston
407	Makin
408	Mayo
409	Spence
410	Sturt

411	Wakefield - Deprecated
497	Migratory - Offshore - Shipping (SA)
501	Brand
502	Burt
503	Canning
504	Cowan
505	Curtin
506	Durack
507	Forrest
508	Fremantle
509	Hasluck
510	Moore
511	O'Connor
512	Pearce
513	Perth
514	Stirling
515	Swan
516	Tangney
597	Migratory - Offshore - Shipping (WA)
601	Bass
602	Braddon
603	Clark
604	Franklin
605	Lyons
697	Migratory - Offshore - Shipping (Tas.)
701	Lingiari
702	Solomon
797	Migratory - Offshore - Shipping (NT)
801	Bean
802	Canberra
803	Fenner
899	Not Applicable (ACT)
999	Not Applicable

FFPOS Status Code

Acceptable Values for Enrolled Full-fee Paying Overseas Student (FFPOS) Status.

Source Data: NSSC Data Collection Manual 2012

1	FFPOS
2	Non-FFPOS
9	Not stated/Unknown

FTPT Status Code

Based on ABS: 1288.0 - Standards for Labour Force Statistics, 2018

https://www.abs.gov.au/ausstats/abs@.nsf/mf/1288.0

For more context for coding refer to: https://meteor.aihw.gov.au/content/index.phtml/itemId/691891

01	Full Time
02	Part Time
9	Not stated/inadequately described

Group Category Code

A set of possible school groupings

AfterSchoolGroup	After School Group
MentorGroup	Mentor Group
OtherGroup	Other Group
PastoralGroup	Pastoral Group
RollGroup	Roll Group

Immunisation Certificate Status

C	Complete
I	Incomplete no reason given
IM	Incomplete - Medical Reason
IN	Incomplete and Not up to date
IO	Incomplete - Objection
IU	Incomplete but Up to date
N	Not Sighted or Not Provided

Indigenous Status

Reference: ACARA Data Standards Manual - Indigenous status

https://www.acara.edu.au/reporting/data-standards-manual-student-background-characteristics

1	Aboriginal but not Torres Strait Islander origin
2	Torres Strait Islander but not Aboriginal origin
3	Both Aboriginal and Torres Strait Islander origin
4	Neither Aboriginal nor Torres Strait Islander origin
9	Not stated/unknown

Language Type

1	Main Language Spoken at Home
2	Main Language Other Than English Spoken at Home
3	First Language Spoken
4	Language Spoken at Home
5	Language of Greatest Competency
6	Preferred Language
9	Other

LearningStandardItem Relationship Types

Content	A link to another state or school content standard.
Other	Any other type of relationship between the current standard and the target standard item.
PD	Personal Development
State	A link to a standard from another state. The purpose of this is to express relationships between state standards.

Marital Status AIHW

MaritalStatus - AIHW

http://meteor.aihw.gov.au/content/index.phtml/itemId/291045

From Meteor - Australian Institute of Health and Welfare

Source Reference: 1286.0 - Family, Household and Income Unit Variables, 2014

https://www.abs.gov.au/ausstats/abs@.nsf/Lookup/by%20Subject/1286.0~2014~Main%20Features~Classification%20and%20Coding~46

1	Never Married
2	Widowed
3	Divorced
4	Separated
5	Married (registered and de facto)
6	Not stated/inadequately described

Medium Of Instruction

Source: US 2.6 0209 Medium Of Instruction

0603	Technology-based instruction in classroom
0604	Correspondence instruction
0605	Face-to-face instruction
0608	Virtual/On-line Distance learning
0609	Center-based instruction
0610	Independent study
0611	Internship
9999	Other

Name Usage Type

This code set references AS4590 - Interchange of client information, 2017 - Name Usage Type Code

This Australian Standard can be purchased here: https://www.standards.org.au/standards-catalogue/sa-snz/communication/it-004/as--4590-dot-1-colon-2017

AKA	Also known as or alias
BTH	Name at Birth
LGL	Legal Name of the client as defined by the organisation which collects it (legal not defined in this standard)
MDN	Maiden Name
NEW	New born identification name
OTH	Non specific name usage type
PBN	Professional or buisness name
PRF	Preferred name
PRV	Previous name
STG	Stage name
TRB	Tribal Name

NAP Jurisdiction

The code that identifies the State and Territory level of Australian Government which exercises control over a particular institutional unit.

This code set references AS4590 - Interchange of client information, 2017 - Australian Government Jurisdiction Code

This Australian Standard can be purchased here: https://www.standards.org.au/standards-catalogue/sa-snz/communication/it-004/as--4590-dot-1-colon-2017

Source Standard ABS 1218.0

1	New South Wales
2	Victoria
3	Queensland
4	South Australia
5	Western Australia
6	Tasmania
7	Northern Territory
8	Australian Capital Territory
9	Other Territories

NAP Participation Code

This codeset has been introduced to enumerate the status of a student participating in a NAPLAN event. Derived from valid values in the AD Assessment Delivery Platform.

A	Absent
C	Cancelled
E	Exempt
F	Alternate Format
P	Present
R	Refused
S	Sanctioned Abandonment
W	Withdrawn
X	No Longer Enrolled

NAP Response Correctness

Correct	Correct
Incorrect	Incorrect
NotAttempted	NotAttempted
NotInPath	NotInPath

NAP Test Domain

Grammar and Punctuation	Grammar and Punctuation
Numeracy	Numeracy
Reading	Reading
Spelling	Spelling
Writing	Writing

NAP Test Item Marking Type

AES	Auto Essay Scoring
AS	Auto Scoring
MM	Manual Marking

NAP Test Item Type

COMP	Composite
ET	Extended text
HS	Hot spot
IA	Interactive associate
IC	Inline choice
IGA	Interactive graphic associate
IGGM	Interactive graphic gap match
IGM	Interactive gap match
IGO	Interactive graphic order
IM	Interactive match
IO	Interactive order NOTE: Will not be used in NAPLAN 2019
MC	Multiple choice
MCS	Multiple choices
PO	Position object
SL	Slider
SP	Select point
TE	Text entry
TS	Hot text
Unknown	Unknown

NAP Test Type

Equating	Equating
Normal	Normal

NAP Writing Genre

Narrative	Narrative
Persuasive	Persuasive

Non-School Education

Reference: ACARA Data Standards Manual - Parental non-school education

https://www.acara.edu.au/reporting/data-standards-manual-student-background-characteristics

0	Not stated/Unknown
5	Certificate I to IV (including trade certificate)
6	Advanced diploma/Diploma
7	Bachelor degree or above
8	No non-school qualification

Operational Status

B	Building or Construction Started
C	Closed
O	Open
P	Pending
S	Site
U	Unstaffed

Permanent Resident Status

99	Unknown
N	Not a Resident
P	Permanent Resident
T	Temporary Resident

Permission Category Code

A set of permissions available for media usage

Jurisdiction Educational	Jurisdiction Educational
Jurisdiction Promotional	Jurisdiction Promotional
OKMediaRelease	OKMediaRelease
OKOnlineMaterial	OKOnlineMaterial
OKOnLineServices	OKOnLineServices
OKPrintedMaterial	OKPrintedMaterial
OKPublishInfo	OKPublishInfo
School/College Newsletter	School/College Newsletter
School/College Yearbook	School/College Yearbook

Personalised Plan

Personalised Plan categories - initially provided from WA DET. This code set is in draft and changes are expected. Future changes may re-specify code values.

Ac	Academic
At	Attendance
B	Behavioural
L	Legal
M	Medical
O	Other
R	Risk
S	Special Needs
W	Welfare

Picture Source

01	URL
02	JPG
03	Bitmap
04	Gif
05	PIF
06	PDF
09	Other
10	MIME

PNP Code

This codeset has been compiled for the Personal Needs and Preferences for students sitting NAPLAN. Source: ACARA

`AAM`	Not in Use 2019
`AIA`	Alternative items - audio
`AIM`	Not In Use 2019
`AIV`	Alternative items - visual
`ALL`	Not in Use 2019
`AST`	Assistive technology
`AVM`	Not in Use 2019
`BNB`	Colour contrast Black with Blue background
`BNG`	Colour contrast Black with Green background
`BNL`	Colour contrast Black with Lilac background
`BNW`	Colour contrast Black with White background
`BNY`	Colour contrast Black with Yellow background
`CAL`	Calculator Fit to Screen
`COL`	Colour contrast modification
`ENZ`	Enable Zoom
`EST`	Editor Sticky Toolbar
`ETA`	Extra Time - 5 mins per 30 min or part thereof
`ETB`	Extra Time - 10 mins per 30 min or part thereof
`ETC`	Extra Time - 15 mins per 30 min or part thereof
`ETD`	Extra Time - double total test time
`LFS`	Larger Font Sizes
`OFF`	Braille, large print, black and white, electronic test format
`OSS`	Oral sign/support
`RBK`	Rest break
`RZL`	Remember Zoom Level
`SCR`	Scribe
`SUP`	NAPLAN Support person
`ZOF`	Zoomed Optimised Features
`ZTFAO`	Zoom to Always On

Pre Primary Hours

Pre-Primary Education Hours

`F`	Full Time
`O`	Other - not elsewhere classified
`P`	Part Time
`U`	Unknown or Not Provided

Program Funding Source Code

`1`	State/Jurisdiction
`2`	Commonwealth Initiative
`3`	School Source
`4`	Director's Discretion
`5`	Community Sponsored
`9`	Other

Progress Level

`Above`	Above level
`At`	At level
`Below`	Below level

Public School Catchment Status

`1652`	Resident of usual school catchment area
`1653`	Resident of another school catchment area
`9999`	Unknown

Receiving Location Of Instruction

Source: US 2.6 0171 Receiving Location Of Instruction/Service

0340	In school
0341	Other K-12 educational institution
0342	Postsecondary facility
0752	Community facility
0754	Hospital
0997	Business
2192	Home
3018	Library/media centre
3506	Mobile
9999	Other

Relationship To Student

00	Spouse
01	Parent
02	Step-Parent
03	Adoptive Parent
04	Foster Parent
05	Host Family
06	Relative
07	Friend
08	Self
09	Other
10	Sibling
11	Grandparent
12	Aunt/Uncle
13	Nephew/Niece
14	Step-Sibling
20	Guardian
30	Case Worker
31	Supervisor
32	Duty Manager
40	Medical Contact
99	Not provided

Resource Usage Content Type

Set of the types of resource to be tracked by the ResourceUsage Object

01	Internet Usage
09	Other Usage

Scheduled Activity Type

Source: SIF-AU (Scheduled Activity)

Duty	Yard duty (cyclical)
Event	Anything else (one-off)
Exam	Exam (one-off)
Excursion	Excursion (one-off)
ExtraCurricular	Music, sport, chess club etc (cyclical)
Incursion	Excursion held on campus (one-off)
RollClass	Morning roll-call (cyclical)
RosteredTimeOff	Rostered Time Off (cyclical)
StaffMeeting	Staff Meeting (cyclical)
Study	Supervised study for students with gaps in their timetables (cyclical)
TeachingClass	Classroom teaching (cyclical)

School Co-Ed Status

Sourced from DESE, (previously DEEWR).

C	Co-Educational
F	Female
M	Male

School Education Level Type

Reference: ACARA Data Standards Manual - Parental school education

https://www.acara.edu.au/reporting/data-standards-manual-student-background-characteristics

0	Not stated/Unknown
1	Year 9 or equivalent or below
2	Year 10 or equivalent
3	Year 11 or equivalent
4	Year 12 or equivalent

School Enrollment Type

01	Home School
02	Other School
03	Concurrent Enrolment

School Focus Code

01	Regular
02	Special Ed
03	Alternate
04	Vocational
98	Other
99	Not Provided

School Level

Camp	Camp
Commty	Community College
EarlyCh	Early Childhood
JunPri	Junior Primary
Kgarten	Kindergarten only
Kind	Preschool/Kindergarten
Lang	Language
MCH	Maternal Child Health Centre
Middle	Middle School
Other	Other
PreSch	PreSchool only
Pri/Sec	Primary/Secondary Combined
Prim	Primary
Sec	Secondary
Senior	Senior Secondary School
Spec/P-12	Special/Primary/Secondary Combined
Spec/Pri	Special/Primary Combined
Spec/Sec	Special/Secondary Combined
Special	Special
Specif	Specific Purpose
Supp	SupportCentre
Unknown	Unknown

School Location

This Code Set is union between the Australian Statistical Geography Standard (ASGS): http://www.abs.gov.au/ausstats/abs@.nsf/PrimaryMainFeatures/1270.0.55.001?OpenDocument and ARIA Remoteness

In previous versions the ARIA definition of Remoteness has been used for this validation. For the publication of ACARA's Australian Schools List (ASL) the ASGS validation is also supported.

1	Metropolitan Zone
1.1	State Capital regions - State Capitals (except Hobart, Darwin)
1.2	Major urban Statistical Districts (Pop >=100 000)
2	Provincial Zone
3	Remote Zone
10	Major Cities of Australia - New South Wales
11	Inner Regional Australia - New South Wales
12	Outer Regional Australia - New South Wales
13	Remote Australia - New South Wales
14	Very Remote Australia - New South Wales
15	Migratory - Offshore - Shipping (NSW)
19	No usual address (NSW)
2.1.1	Provincial City Statistical Districts (Pop 50 000 - 99 999)
2.1.2	Provincial City Statistical Districts (Pop 25 000 - 49 999)
2.2.1	Inner Provincial areas (CD ARIA Plus score <= 2.4)
2.2.2	Outer Provincial areas (CD ARIA Plus score > 2.4 and <= 5.92)
20	Major Cities of Australia - Victoria
21	Inner Regional Australia - Victoria
22	Outer Regional Australia - Victoria
23	Remote Australia - Victoria
25	Migratory - Offshore - Shipping (Vic.)
29	No usual address (Vic.)
3.1	Remote areas (CD ARIA Plus score > 5.92 and <= 10.53)
3.2	Very Remote areas (CD ARIA Plus score > 10.53)
30	Major Cities of Australia - Queensland
31	Inner Regional Australia - Queensland
32	Outer Regional Australia - Queensland
33	Remote Australia - Queensland
34	Very Remote Australia - Queensland
35	Migratory - Offshore - Shipping (Qld)
39	No usual address (Qld)
40	Major Cities of Australia - South Australia
41	Inner Regional Australia - South Australia
42	Outer Regional Australia - South Australia
43	Remote Australia - South Australia
44	Very Remote Australia - South Australia
45	Migratory - Offshore - Shipping (SA)
49	No usual address (SA)
50	Major Cities of Australia - Western Australia
51	Inner Regional Australia - Western Australia
52	Outer Regional Australia - Western Australia
53	Remote Australia - Western Australia
54	Very Remote Australia - Western Australia
55	Migratory - Offshore - Shipping (WA)
59	No usual address (WA)
61	Inner Regional Australia - Tasmania
62	Outer Regional Australia - Tasmania
63	Remote Australia - Tasmania
64	Very Remote Australia - Tasmania
65	Migratory - Offshore - Shipping (Tas.)
69	No usual address (Tas.)
72	Outer Regional Australia - Northern Territory
73	Remote Australia - Northern Territory
74	Very Remote Australia - Northern Territory
75	Migratory - Offshore - Shipping (NT)
79	No usual address (NT)
80	Major Cities of Australia - Australian Capital Territory
81	Inner Regional Australia - Australian Capital Territory
85	Migratory - Offshore - Shipping (ACT)
89	No usual address (ACT)
91	Inner Regional Australia
94	Very Remote Australia
95	Migratory - Offshore - Shipping (OT) Other Territories
99	No usual address (OT) Other Territories

`REDACTED`	Redacted for privacy

School Sector Code

Sourced from DEEWR

`Gov`	Government School
`NG`	Non-Government School

School System

Codes provided by DEEWR

`0001`	Catholic
`0002`	Anglican
`0003`	Lutheran
`0004`	Seventh Day Adventist
`9999`	Other

Session Type

`0827`	Full school year
`0828`	Semester
`0829`	Trimester
`0830`	Quarter
`0832`	Mini-term
`0833`	Summer term
`0837`	Twelve month
`9999`	Other

Sex Code

Reference:ACARA Data Standards Manual - Technical Specs - Sex

https://www.acara.edu.au/reporting/data-standards-manual-student-background-characteristics

Vic DET - https://www.vic.gov.au/victorian-family-violence-data-collection-framework/data-collection-standards-lesbian-gay-bisexual

`1`	Male
`2`	Female
`3`	Intersex or indeterminate
`4`	Self-described https://www.vic.gov.au/victorian-family-violence-data-collection-framework/data-collection-standards-lesbian-gay-bisexual
`9`	Not Stated/Inadequately Described

Source Code Type

`C`	Provided by the child (ie pupil)
`O`	Other
`P`	Provided by the parent
`S`	Ascribed by the current school
`T`	Ascribed by a previous school

Staff Activity

Describes the Activity of a Staff Member in a StaffAssignment

Proposed by SIF AU for 1.1

1100	Teacher in school n.f.d.
1101	Primary Teacher
1102	Secondary teacher
1103	Principal
1104	Special School Teacher
1105	Assistant Principal
1106	Teacher Librarian
1107	Primary/Secondary Combined Teacher
1199	Other Teacher In School
1200	Specialist support in school n.f.d.
1201	Nurse
1202	Physiotherapist
1203	Speech Therapist
1204	Guidance Officer
1205	Psychologist
1206	Social worker
1207	Student welfare worker
1208	Indigenous Education Worker
1299	Other Specialist support in school
1300	Administration and clerical in school n.f.d.
1301	Teacher Aide
1302	Librarian - in school Administration
1303	Office Manager
1304	Clerical/Administrative officer
1305	Clerical/Administrative assistant
1306	Laboratory assistant
1307	ICT Officer
1399	Other Administration and clerical in school
1400	Building Operations in school n.f.d.
1401	Building maintenance worker - in school
1402	Gardener - in school
1403	Canteen assistant - in school
1404	Farm Worker - in school
1405	Bus Driver - in school
1406	Caretaker - in school
1499	Other Building Operations and general maintenance - In school
1999	In School Staff out of scope
2100	Executive n.f.d.
2101	Chief Executive
2102	Deputy Chief Executive
2103	General Manager
2198	Principal and other School Executive out of school
2199	Other Executive
2200	Specialist support out of scope n.f.d.
2201	Community Participation Officer
2202	Computer Support Officer
2203	Coordinator - out of school Specialist Support
2204	Curriculum Officer
2205	Curriculum Program Manager
2206	Education Officer - out of school Specialist Support
2207	Education Program Manager
2208	Home Liaison Officer
2209	Learning Support Leader
2210	Librarian - out of school Specialist Support
2211	Moderator
2212	Occupational Therapist
2213	On-line Education Officer
2214	Policy Officer - out of school Specialist Support
2215	Principal Education Officer
2216	Professional Services Officer
2217	Project Coordinator
2218	Registered Nurse
2219	Senior Education Officer
2220	Social Welfare Officer

2221	Speech Language Pathologist
2222	Sports Coordinator
2223	Staff Development Officer
2224	Training Officer - out of school Specialist Support
2298	Teachers - out of school Specialist Support
2299	Other specialist support out of school
2300	Administration and clerical out of school n.f.d.
2301	Accounts Certifying Officer
2302	Administrative and Clerical officer
2303	Administrative Assistant
2304	Administrative Officer
2305	Budget Officer
2306	Clerk
2307	Finance and Administration Officer
2308	Finance Officer
2309	General Ledger Officer
2310	Receptionist
2311	Senior Auditor
2312	Services Clerk
2313	Aboriginal Education Coordinator
2314	Aboriginal Education Worker
2315	Assistant Manager
2316	Client Services Officer
2317	Coordinator - out of school Administration
2318	District Officer
2319	Education Officer - out of school Administration
2320	Enrolment Officer
2321	Examiner
2322	Liaison Officer
2323	Librarian - out of school Administration
2324	Library Technician
2325	Manager
2326	Operational Services Officer
2327	Professional Officers
2328	Program Coordinator
2329	Project Manager
2330	Project Officer
2331	Project Support Officer
2332	Public Servant
2333	School Services Officer
2334	School Support Officer
2335	Senior Investigator
2336	Senior Professional Officers
2337	Senior Project Officer/Project Officer
2338	Student Services co ordinator
2339	Student Support Officer
2340	Assistant Editor
2341	Communications Officer
2342	Corporate Services Officer
2343	Designer
2344	Desktop Publisher
2345	Editor
2346	Graphic Designer
2347	Journalist/Media and Marketing
2348	Photographer
2349	Printer
2350	Production Officer/Coordinator
2351	Public Relations Officer
2352	Advisor
2353	Executive Assistant
2354	Executive Officer
2355	Executive Secretary
2356	Personal Assistant
2357	Secretary

2358	Human Resources Services Officer
2359	Personnel (and Payroll) Officer
2360	Personnel Officer
2361	Recruitment Officer
2362	Training Officer - out of school Administration
2363	Workers Compensation Officer
2364	Workforce Management Officer
2365	Audio Visual Communications Program Officer
2366	Business Systems Analyst
2367	Computer Systems Officer
2368	Computer Technician
2369	Data Management Officer
2370	Information Analyst
2371	Information Manager
2372	Information Officer
2373	Information Technology Officers
2374	Network Administrator
2375	Policy Officer n.f.d.
2376	Performance Measurement Officer
2377	Policy Officer - out of school Administration
2378	Research Officer
2379	Review Officer
2380	Senior Research Officer/Research Officer
2381	Other policy officer
2382	Despatch Officer
2383	Driver
2384	Facilities Services Officer
2385	Housing and Transport Officer
2386	Indexer
2387	Legal Officer
2388	Store Person
2389	Store Supervisor
2390	Supply Officer
2391	Team Leader
2392	Technical Officer - out of school Administration
2393	Technician
2394	Transport Officer
2397	Public service officers n.f.d.
2398	Teachers - Out of School Administration
2399	Other Administration and clerical out of school
2400	Building Operations out of school n.f.d.
2401	Building maintenance worker - out of school
2402	Bus Driver - out of school
2403	Canteen assistant - out of school
2404	Caretaker - out of school
2405	Cook
2406	Courier
2407	Farm Worker - out of school
2408	Gardener - out of school
2409	Greenkeeper
2410	Groundsman
2411	Handyman
2412	House Officer
2413	Janitor
2414	Kitchen Hand
2415	Maintenance Officer
2416	School Attendant
2417	Security Officer
2418	Technical Officer - out of school Building Operations
2499	Other Building Operations and general maintenance out of school
2999	Out of School Staff out of scope

Staff Status

Set of possible values of Staff Status with employing organisation.

A	Active
I	Inactive
N	No Longer Employed
O	On Leave
S	Suspended
X	Other - Details Not Available

Standard Australian Classification Of Countries (SACC)

1269.0 Standard Australian Classification of Countries (SACC), 2016

Source Data ABS: http://www.abs.gov.au/AUSSTATS/abs@.nsf/DetailsPage/1269.02016?OpenDocument

updated March 15, 2019

0000	Inadequately Described
0001	At Sea
0003	Not Stated
0004	Unknown (for use in economic statistics: the destination or origin of the goods is unknown)
0005	Unidentified (for use in economic statistics: the country reported on import/export documentation is not recognised)
0611	Europe
0612	Europe and the former USSR
0613	Former USSR
0614	Asia
0615	East Asia
0616	Africa
0701	Africa, nec
0702	Americas, nec
0703	Asia, nec
0704	Belgium and Luxembourg
0705	Central America and the Caribbean (excludes Mexico)
0706	Christmas Island
0707	Cocos (Keeling) Islands
0708	Country Conf. Alumina (a secondary (International Trade specific) confidentiality restriction for exports of alumina to specific countries)
0711	Denmark (includes Greenland and Faroe Islands)
0712	Eurodollar Market
0713	Europe, nec
0714	Falkland Islands (includes South Georgia and South Sandwich Islands)
0715	France (includes Andorra and Monaco)
0716	French Antilles (Guadeloupe and Martinique)
0717	French Southern Territories
0718	International Capital Markets
0721	International Institutions
0722	International Waters (goods placed in the ocean outside any territorial waters or exclusive economic zone)
0723	Italy (includes Holy See and San Marino)
0724	Johnston and Sand Islands
0725	Midway Islands
0726	Morocco (includes places under Spanish sovereignty)
0727	No Country Details (overseas country detail for exports not available due to a confidentiality restriction)
0728	Oceania, nec
0741	Reserve Bank Gold (gold, held by the Reserve Bank of Australia as part of reserve assets, that cannot be allocated by country)
0742	Ships' and Aircraft Stores (stores, including fuel, loaded onto foreign registered ships and aircraft)
0743	Switzerland (includes Liechtenstein)
0744	United States Miscellaneous Islands
0745	Wake Island
0746	Australia (includes External Territories, Australian Antarctic Territory and Norfolk Island)
0747	JPDA (Joint Petroleum Development Area - administered by Australia and Timor-Leste)
0911	Europe, nfd
0912	Former USSR, nfd
0913	Former Yugoslavia, nfd
0914	Czechoslovakia, nfd
0915	Kurdistan, nfd
0916	East Asia, nfd
0917	Asia, nfd
0918	Africa, nfd
0921	Serbia and Montenegro, nfd
0922	Channel Islands, nfd
0924	Netherlands Antilles, nfd
1000	Oceania and Antarctica, nfd
1100	Australia (includes External Territories, nfd)
1101	Australia
1102	Norfolk Island
1199	Australian External Territories, nec
1201	New Zealand
1300	Melanesia, nfd
1301	New Caledonia
1302	Papua New Guinea
1303	Solomon Islands
1304	Vanuatu

1400	Micronesia, nfd
1401	Guam
1402	Kiribati
1403	Marshall Islands
1404	Micronesia, Federated States of
1405	Nauru
1406	Northern Mariana Islands
1407	Palau
1500	Polynesia (excludes Hawaii), nfd
1501	Cook Islands
1502	Fiji
1503	French Polynesia
1504	Niue
1505	Samoa
1506	Samoa, American
1507	Tokelau
1508	Tonga
1511	Tuvalu
1512	Wallis and Futuna
1513	Pitcairn Islands
1599	Polynesia (excludes Hawaii), nec
1600	Antarctica, nfd
1601	Adelie Land (France)
1602	Argentinian Antarctic Territory
1603	Australian Antarctic Territory
1604	British Antarctic Territory
1605	Chilean Antarctic Territory
1606	Queen Maud Land (Norway)
1607	Ross Dependency (New Zealand)
2000	North-West Europe, nfd
2100	United Kingdom, Channels Islands and Isle of Man, nfd
2102	England
2103	Isle of Man
2104	Northern Ireland
2105	Scotland
2106	Wales
2107	Guernsey
2108	Jersey
2201	Ireland
2300	Western Europe, nfd
2301	Austria
2302	Belgium
2303	France
2304	Germany
2305	Liechtenstein
2306	Luxembourg
2307	Monaco
2308	Netherlands
2311	Switzerland
2400	Northern Europe, nfd
2401	Denmark
2402	Faroe Islands
2403	Finland
2404	Greenland
2405	Iceland
2406	Norway
2407	Sweden
2408	Aland Islands
3000	Southern and Eastern Europe, nfd
3100	Southern Europe, nfd
3101	Andorra
3102	Gibraltar
3103	Holy See
3104	Italy

3105	Malta
3106	Portugal
3107	San Marino
3108	Spain
3200	South Eastern Europe, nfd
3201	Albania
3202	Bosnia and Herzegovina
3203	Bulgaria
3204	Croatia
3205	Cyprus
3206	North Macedonia
3207	Greece
3208	Moldova
3211	Romania
3212	Slovenia
3214	Montenegro
3215	Serbia
3216	Kosovo
3300	Eastern Europe, nfd
3301	Belarus
3302	Czechia
3303	Estonia
3304	Hungary
3305	Latvia
3306	Lithuania
3307	Poland
3308	Russian Federation
3311	Slovakia
3312	Ukraine
4000	North Africa and the Middle East, nfd
4100	North Africa, nfd
4101	Algeria
4102	Egypt
4103	Libya
4104	Morocco
4105	Sudan
4106	Tunisia
4107	Western Sahara
4108	Spanish North Africa
4111	South Sudan
4200	Middle East, nfd
4201	Bahrain
4202	Gaza Strip and West Bank
4203	Iran
4204	Iraq
4205	Israel
4206	Jordan
4207	Kuwait
4208	Lebanon
4211	Oman
4212	Qatar
4213	Saudi Arabia
4214	Syria
4215	Turkey
4216	United Arab Emirates
4217	Yemen
5000	South-East Asia, nfd
5100	Mainland South-East Asia, nfd
5101	Myanmar
5102	Cambodia
5103	Laos
5104	Thailand
5105	Vietnam
5200	Maritime South-East Asia, nfd

5201	Brunei Darussalam
5202	Indonesia
5203	Malaysia
5204	Philippines
5205	Singapore
5206	Timor-Leste
6000	North-East Asia, nfd
6100	Chinese Asia (includes Mongolia), nfd
6101	China (excludes SARs and Taiwan)
6102	Hong Kong (SAR of China)
6103	Macau (SAR of China)
6104	Mongolia
6105	Taiwan
6200	Japan and the Koreas, nfd
6201	Japan
6202	Korea, Democratic People's Republic of (North)
6203	Korea, Republic of (South)
7000	Southern and Central Asia, nfd
7100	Southern Asia, nfd
7101	Bangladesh
7102	Bhutan
7103	India
7104	Maldives
7105	Nepal
7106	Pakistan
7107	Sri Lanka
7200	Central Asia, nfd
7201	Afghanistan
7202	Armenia
7203	Azerbaijan
7204	Georgia
7205	Kazakhstan
7206	Kyrgyzstan
7207	Tajikistan
7208	Turkmenistan
7211	Uzbekistan
8000	Americas, nfd
8100	Northern America, nfd
8101	Bermuda
8102	Canada
8103	St Pierre and Miquelon
8104	United States of America
8200	South America, nfd
8201	Argentina
8202	Bolivia
8203	Brazil
8204	Chile
8205	Colombia
8206	Ecuador
8207	Falkland Islands
8208	French Guiana
8211	Guyana
8212	Paraguay
8213	Peru
8214	Suriname
8215	Uruguay
8216	Venezuela
8299	South America, nec
8300	Central America, nfd
8301	Belize
8302	Costa Rica
8303	El Salvador
8304	Guatemala
8305	Honduras

8306	Mexico
8307	Nicaragua
8308	Panama
8400	Caribbean, nfd
8401	Anguilla
8402	Antigua and Barbuda
8403	Aruba
8404	Bahamas
8405	Barbados
8406	Cayman Islands
8407	Cuba
8408	Dominica
8411	Dominican Republic
8412	Grenada
8413	Guadeloupe
8414	Haiti
8415	Jamaica
8416	Martinique
8417	Montserrat
8421	Puerto Rico
8422	St Kitts and Nevis
8423	St Lucia
8424	St Vincent and the Grenadines
8425	Trinidad and Tobago
8426	Turks and Caicos Islands
8427	Virgin Islands, British
8428	Virgin Islands, United States
8431	St Barthelemy
8432	St Martin (French part)
8433	Bonaire, Sint Eustatius and Saba
8434	Curacao
8435	Sint Maarten (Dutch part)
9000	Sub-Saharan Africa, nfd
9100	Central and West Africa, nfd
9101	Benin
9102	Burkina Faso
9103	Cameroon
9104	Cabo Verde
9105	Central African Republic
9106	Chad
9107	Congo, Republic of
9108	Congo, Democratic Republic of
9111	Cote d'Ivoire
9112	Equatorial Guinea
9113	Gabon
9114	Gambia
9115	Ghana
9116	Guinea
9117	Guinea-Bissau
9118	Liberia
9121	Mali
9122	Mauritania
9123	Niger
9124	Nigeria
9125	Sao Tome and Principe
9126	Senegal
9127	Sierra Leone
9128	Togo
9200	Southern and East Africa, nfd
9201	Angola
9202	Botswana
9203	Burundi
9204	Comoros
9205	Djibouti

`9206`	Eritrea
`9207`	Ethiopia
`9208`	Kenya
`9211`	Lesotho
`9212`	Madagascar
`9213`	Malawi
`9214`	Mauritius
`9215`	Mayotte
`9216`	Mozambique
`9217`	Namibia
`9218`	Reunion
`9221`	Rwanda
`9222`	St Helena
`9223`	Seychelles
`9224`	Somalia
`9225`	South Africa
`9226`	Eswatini
`9227`	Tanzania
`9228`	Uganda
`9231`	Zambia
`9232`	Zimbabwe
`9299`	Southern and East Africa, nec

State Territory Code

This code set references AS4590 - Interchange of client information, 2017 - Australian State or Territory Code

This Australian Standard can be purchased here: https://www.standards.org.au/standards-catalogue/sa-snz/communication/it-004/as--4590-dot-1-colon-2017

More details of useage: https://meteor.aihw.gov.au/content/index.phtml/itemId/430134

`AAT`	Australian Antartic Territory
`ACT`	Australian Capital Territory
`NSW`	New South Wales
`NT`	Northern Territory
`OTH`	Other Territories
`QLD`	Queensland
`SA`	South Australia
`TAS`	Tasmania
`VIC`	Victoria
`WA`	Western Australia
`XXX`	Not Provided

Student/Family Program Type

0100	Agricultural
0240	Regular prekindergarten program
0241	Infant and toddlers program
0242	Special education services for Birth-Age 2
0244	Special education services for preschoolers
0245	Migrant early childhood program
0246	Head Start
0247	Day care
0248	After school child care
0249	Alternative education program
0250	Before school child care
0251	Bilingual education
0252	Community service projects
0253	Compensatory education
0255	Counseling
0256	English as a second language
0257	Free and reduced price school meals programs
0260	Hearing or vision screening
0261	Higher order thinking skills
0262	Medical services
0263	Programs for migrants during the school year
0265	Programs for migrants during the summer
0267	Reading/literacy
0268	School supplies
0269	Services for out-of-school youth
0270	Special education program
0271	Special (one-time) events
0272	Student assistance programs such as counseling, mentoring, identification and referral
0273	Summer child care
0277	Transportation
0278	Tutoring/remedial instruction
0279	Academic/instructional program in regular education
0280	Adult basic education/remedial instruction
0281	Child care so that parents can attend school meetings
0282	Continuing professional education
0283	Health or social services
0284	Literacy
0285	Occupational education
0286	Orientation to school setting for new families
0287	Parent training/involvement
0288	Parenting education
0289	Recreational/advocational program
0342	Technology
0875	After school enrichment
0876	Before school enrichment
2381	Gifted and talented (Accelerated)
2389	Even Start
2393	Magnet program
9999	Other

Suspension Category

Initially provided from WA DET. This code set is in draft and changes are expected. Future changes may re-specify code values.

E	Expulsion
I	InSchool
O	Other
P	Partial Exclusion
R	Removal
S	Suspension
W	Withdrawal
WE	Whole Exclusion

Systemic Status

Codes provided by DEEWR

N	Non-Systemic
S	Systemic

Teacher Cover Credit

Source: SIF-AU (Scheduled Activity)

Casual	The event is supervised by a casual teacher
Extra	The cover counts towards the teacher's extras quota
In-Lieu	The cover is taken as replacement for a cancelled class
Underload	The cover is not counted as an extra because the teacher is underloaded on the cyclical timetable

Teacher Cover Supervision

Source: SIF-AU (Scheduled Activity)

MergedClass	The event is a merged class
MinimalSupervision	Minimal supervision
Normal	Normal supervision

Telephone Number Type

0096	Main telephone number
0350	Alternate telephone number
0359	Answering service
0370	Beeper number
0400	Appointment telephone number
0426	Telex number
0437	Telemail
0448	Voice mail
0478	Instant messaging number
0486	Media conferencing number
0777	Home Telephone Number
0779	Home Mobile
0887	Work Telephone Number
0888	Mobile
0889	Work Mobile
2364	Facsimile number

Travel Mode

Travel Mode - Introduced by CEM to indicate mode of travel of the student to/from school. Initial release in 3.4.8

A	Walks between home or a carers' residence and school
B	Rides a bicycle or scooter between home or carer's place and school
C	Driven by car/motor vehicle between home or a carers' residence and school
D	Bus to/from school gates (mostly by bus, remainder on foot)
E	Tram to/from near school (mostly by tram, remainder on foot)
F	Train to/from near the school (mostly by train, remainder on foot)
G	Combination of car and public transport
H	Combinations of public transport such as train and bus, or train and tram
I	Taxi or other modes

Visa Sub Class

From http://www.border.gov.au/ Australian Government - Department of Immigration and Border Protection: Updated from Source Data on 28 February, 2017 - Refer to: https://immi.homeaffairs.gov.au/visas/getting-a-visa/visa-listing

10	Bridging visa A - BVA
20	Bridging visa B - BVB
30	Bridging visa C - BVC
40	Bridging visa D - BVD (No longer issued)
41	Bridging (Non-Applicant) D (No longer issued)
42	Bridging Visa Class A (No longer issued)
50	Bridging (General) - BE
51	Bridging (Protection Visa Applicant) – BVE
60	Bridging Visa F (No longer issued)
70	Removal Pending Bridging Visa (No longer issued)
100	Partner (Migrant) visa
101	Child visa
102	Adoption visa
103	Parent visa
104	Preferential family (No longer issued)
105	Skilled - Australian Linked (No longer issued)
106	Regional-linked (No longer issued)
110	Interdependency (No longer issued)
113	Aged Parent (No longer issued)
114	Aged Dependent Relative visa
115	Remaining Relative visa
116	Carer visa
117	Orphan Relative
118	Designated Parent (No longer issued)
119	Repealed - Regional Sponsor Migration Scheme
120	Repealed - Labour Agreement visa
121	Repealed - Employer Nomination Scheme
124	Distinguished Talent visa
125	Distinguished talent and special service - independent (No longer issued)
126	Independent (No longer issued)
127	Business Owner (No longer issued)
128	Senior Executive (No longer issued)
129	State/Territory sponsored business owner (No longer issued)
130	State/Territory Sponsored Senior Executive (No longer issued)
131	Investment-linked (No longer issued)
132	Business Talent (Permanent) visa
134	Skill Matching (No longer issued)
135	State/Territory nominated independent (No longer issued)
136	Skilled - Independent (No longer issued)
137	Skilled - State/Territory nominated independent (No longer issued)
138	Skilled - Australian sponsored (No longer issued)
139	Skilled Designated Area-sponsored (No longer issued)
143	Contributory Parent visa
150	Former citizen (No longer issued)
151	Former Resident visa
152	Family of NZ citizen (No longer issued)
154	Resident Return (No longer issued)
155	Resident Return visa
156	One Year Resident Return (No longer Issued)
157	Resident Return visa
159	Provisional resident return (No longer issued)
160	Repealed - Business Skills (Provisional) visa
161	Repealed - Business Skills (Provisional) visa
162	Repealed - Business Skills (Provisional) visa
163	Repealed - Business Skills (Provisional) visa
164	Repealed - Business Skills (Provisional) visa
165	Repealed - Business Skills (Provisional) visa
173	Contributory Parent (Temporary) visa
175	Repealed - Skilled Independent visa
176	Repealed - Skilled Sponsored visa
186	Employer Nomination Scheme
187	Regional Sponsor Migration Scheme
188	Business Innovation and Investment (provisional) visa
189	Skilled Independent visa

190	Skilled Nominated visa
191	Permanent Residence (Skilled Regional) visa
200	Refugee visas
201	In-country Special Humanitarian
202	Global Special Humanitarian
203	Emergency Rescue
204	Woman at Risk
205	Camp Clearance (No longer Issued)
208	East Timorese in Portugal, Macau or Mozambique (No longer issued)
209	Citizen of former Yugoslavia - displaced person (No longer issued)
210	Minorities of former USSR (No longer issued)
211	Burmese in Burma (No longer issued)
212	Sudanese (No longer issued)
213	Burmese in Thailand (No longer issued)
214	Cambodian (No longer issued)
215	Sri Lankan - special assistance (No longer issued)
216	Ahmadi (No longer issued)
217	Vietnamese (No longer issued)
300	Prospective Marriage visa
302	Emergency (Permanent Visa Applicant) (No longer issued)
303	Emergency (Temporary Visa Applicant) (No longer issued)
309	Partner (Provisional) visa
310	Interdependency (provisional) (No longer issued)
400	Temporary Work (Short Stay Specialist) visa
401	Repealed - Temporary Work (long Stay Activity) visa
402	Repealed - Training and Research visa
403	Temporary Work (International Relations) visa
405	Investor Retirement visa
406	Repealed - Government Agreement visa
407	Training visa
408	Temporary Activity visa
410	Retirement visa
411	Repealed - Exchange visa
412	Independent Executive (No longer issued)
413	Business Executive (No longer issued)
414	Business Specialist (No longer issued)
415	Repealed - Foreign Government Agency
416	Repealed - Special Program visa
417	Working Holiday visa
418	Educational (No longer issued)
419	Repealed - Visiting Academic visa
420	Repealed - Temporary Work (Entertainment) visa
421	Repealed - Sport visa
422	Repealed - Medical Practitioner visa
423	Repealed - Media and Film Staff visa
424	Public lecturer (No longer issued)
425	Family relationship (No longer issued)
426	Repealed - Domestic Worker (Temporary) Diplomatic and Consular visa
427	Domestic worker - executive (No longer issued)
428	Repealed - Religious Worker visa
430	Supported dependant (No longer issued)
432	Expatriate (No longer issued)
435	Sri Lankan (No longer issued)
442	Occupational Trainee (No longer issued)
443	Citizens of former Yugoslavia (No longer issued)
444	Special Category visa
445	Dependent Child (No longer issued)
446	Confirmatory (Temporary) (No longer issued)
447	Secondary Movement Offshore Entry (Temporary) (No longer issued)
448	Kosovar Safe Haven (No longer issued)
449	Humanitarian Stay (Temporary) (No longer issued)
450	Resolution of Status - Family member (Temporary) (No longer issued)
451	Secondary Movement Relocation (Temporary) (No longer issued)
456	Repealed - Business (Short Stay) visa

457	Repealed - Temporary Work (Skilled) visa
459	Sponsored Business Visitor (short stay) (repealed)
461	New Zealand Citizen Family Relationship (temporary) visa
462	Work and Holiday visa
470	Professional Development (No longer issued)
471	Trade Skills Training (No longer issued)
475	Repealed - Skilled Regional Sponsored visa
476	Skilled-Recognised Graduate visa
482	Temporary Skill Shortage visa
485	Temporary Graduate visa
487	Repealed - Skilled Regional Sponsored
488	Repealed - Superyacht Crew visa
489	Skilled Regional (Provisional) visa
491	Skilled Work Regional (Provisional) visa
494	Skilled Employer Sponsored Regional (Provisional) visa
495	Repealed - Skilled Independent Regional (Provisional) visa
496	Repealed - Skilled Designated Area Sponsored visa
497	Graduate - Skilled (No longer issued)
499	Olympic (Support) (No longer issued)
500	Student visa
560	Student (No longer issued)
562	Iranian Postgraduate Student (No longer issued)
563	Iranian Postgraduate Student Dependent (No longer issued)
570	Repealed - Independent ELICOS Sector visa
571	Repealed - School Sector visa
572	Repealed - Vocational Education and Training Sector visa
573	Repealed - Higher Education Sector visa
574	Repealed - Postgraduate Research Sector visa
575	Repealed - Non Award Sector visa
576	Repealed - Foreign Affairs or Defence sector visa
580	Repealed - Student Guardian visa
590	Student Guardian visa
600	Visitor
601	Electronic Travel Authority
602	Medical Treatment visa
651	eVisitor
675	Repealed - Medical Treatment (Short Stay) visa
676	Repealed - Tourist visa
679	Sponsored Family Visitor (short stay) (repealed)
685	Repealed - Medical Treatment Long Stay visa
686	Tourist - Long Stay (No longer issued)
695	Temporary Provisional - Pending return (No longer issued)
771	Transit visa
773	Border (No longer issued)
785	Temporary Protection (No longer issued)
786	Temporary (Humanitarian Concern) (No longer issued)
790	Safe Haven Enterprise visa
800	Territorial Asylum (No longer issued)
801	Partner visa
802	Child visa
804	Aged Parent visa
805	Skilled (No longer issued)
806	Family (No longer issued)
808	Confirmatory (Residence) visa
814	Interdependency (No longer issued)
819	Aged Parent (No longer issued)
820	Partner (Extended Eligibility) visa
826	Interdependency (No longer issued)
828	TEP Processing (No longer issued)
831	Prospective marriage spouse (No longer issued)
832	Close Ties (No longer issued)
833	Certain unlawful non-citizens (No longer issued)
834	Permanent resident of Norfolk Island (No longer issued)
835	Remaining Relative visa

836	Carer visa
837	Orphan Relative
838	Aged Dependent Relative visa
840	Business Owner (No longer issued)
841	Senior Executive (No longer issued)
842	State/Territory sponsored business owner (No longer issued)
843	State/Territory sponsored senior executive (No longer issued)
844	Investment-linked (No longer issued)
845	Repealed - Established Business in Australia visa
846	Repealed - State or Territory Sponsored Regional Established Business in Australia visa
850	Resolution Status (Temporary) (No longer issued)
851	Resolution of Status (No longer issued)
852	Witness Protection (No longer issued)
855	Repealed - Labour Agreement visa
856	Repealed - Employer Nomination Scheme
857	Repealed - Regional Sponsor Migration Scheme
858	Distinguished Talent visa
859	Designated Parent (No longer issued)
861	Skilled - Onshore Independent New Zealand Citizen (No longer issued)
862	Skilled Australian-sponsored New Zealand Citizen (No longer issued)
863	Skilled Designated Area-sponsored New Zealand Citizen (No longer issued)
864	Contributory Aged Parent visa
866	Protection visa
870	Sponsored Parent (Temporary)
880	Skilled - Independent Overseas Student (No longer issued)
881	Skilled - Australian-sponsored Overseas Student (No longer issued)
882	Skilled - Designated Area-sponsored Overseas Student (No longer issued)
883	Skilled Designated Area Sponsored (Residence) (No longer issued)
884	Contributory Aged Parent (Temporary) visa
885	Repealed - Skilled Independent visa
886	Repealed - Sponsored visa
887	Skilled Regional visa
888	Business Innovation and Investment (permanent) visa
890	Business Owner
891	Investor visa
892	State or Territory Sponsored Business Owner visa
893	State or Territory Sponsored Investor visa
942	Crew Travel Authority visa
944	APEC Travel Authority (No longer issued)
956	Repealed - Electronic Travel Authority (Business Entrant) visa
976	Repealed - Electronic Travel Authority (Visitor) visa
977	Repealed - Electronic Travel Authority (Business Entrant) visa
988	Maritime Crew visa
995	Diplomatic (Temporary) (No longer issued)
998	Declaratory (No longer issued)

Wellbeing Alert Category

Initially provided from WA DET. This code set is in draft and changes are expected. Future changes may re-specify code values.

D	Discipline
E	Educational
L	Legal
M	Medical
O	Other
P	Plan Review
S	SpecialNeeds/Disability

Wellbeing Appeal Status

Initially provided from WA DET. This code set is in draft and changes are expected. Future changes may re-specify code values.

N	In Progress
N/S	Not Specified
RE	Rejected
SU	Successful

Wellbeing Characteristic Category

Wellbeing Characteristics - High Level. Initially provided by WA. This code set is in draft and changes are expected. Future changes may re-specify code values.

D-Other	Disability Other
DP	Dietary Preference
MAA	Allergy - Anaphylaxis
MAIM	Auto-immune/Immune Disorders
MAO	Allergies - other
MB	Blood disorder
MC	Childhood cancer
MCM	Congenital malformations, deformations and chromosomal abnormalities
MD	Deaf and Hard of Hearing
MEM	Endocrine and Metabolic Disorders
MGI	Gastro Intestinal/Urinary conditions
MH	Mental and behavioural disorders
MI	Infectious Diseases
MMD	Heart Disease/ Disorder
MMS	Musculo - skeletal conditions
MN	Diseases/conditions of the nervous system
MND	Neuro/Developmental Disorders
MO	Oral/Pharyngeal Disorders
MOP	Optical/ Vision Disorder
M-Other	Medical Other
MRD	Respiratory Disorder
MS	Seizure disorders
Other	Other
S-Other	Special Needs Other

Wellbeing Characteristic Classification

Wellbeing Characteristic Classification - initially provided from WA DET. This code set is in draft and changes are expected. Future changes may re-specify code values.

D	Disability
DP	Dietary Preference
M	Medical
O	Other
S	SpecialNeeds

Wellbeing Characteristic Sub Category

Wellbeing Characteristics - High Level. Initially provided by WA. This code set is in draft and changes are expected. Future changes may re-specify code values.

DP-1	**Vegetarian** No meat or fish
DP-10	**Lactose Free** Food may not contain lactose. No milk or milk derivatives
DP-2	**Vegan** No animal products
DP-3	**Pescatarian** No meat but food may contain fish
DP-4	**Lacto-vegetarian** No meat or fish or eggs, food can contain milk
DP-5	**Ovo-lacto-vegetarian** No meat or fish, food can contain eggs or milk
DP-6	Kosher
DP-7	Halal
DP-8	**Fruitarian** Same as vegan, but only contains foods that doesn't kill the plant (apples can be picked without killing the plant, carrots cannot)
DP-9	**Non-dairy** Food may actually contain milk or milk derivatives but does not have enough percentage of milk fat to be called dairy
MAA-1	Antibiotics -specify type(s)
MAA-10	Peanuts
MAA-11	Shellfish
MAA-12	Tree nuts
MAA-13	Wheat
MAA-14	Other
MAA-2	Dairy
MAA-3	Egg
MAA-4	Fruit (specify)
MAA-5	Insect bites - nfd
MAA-6	Bees
MAA-7	Ants
MAA-8	Ticks
MAA-9	Latex
MAIM-1	Coeliac Disease - Gluten
MAIM-2	Enterocolitis Syndrome
MAIM-3	Food Protein Induced Syndrome
MAIM-4	X-Linked agammaglobulinemia
MAO-1	Cough
MAO-2	Eczema
MAO-3	Hay fever
MAO-4	Hives
MAO-5	Other
MAO-6	Rash
MB-1	Anaemia
MB-2	Haemophilia
MB-3	Thalassemia
MB-4	Vasculitis
MB-5	Von Willebrand's Disease
MC-1	Bone cancer
MC-2	Brain and/or spinal cord tumours
MC-3	Lymphoblastic leukaemia
MC-4	Neuroblastoma
MC-5	Retinoblastoma
MCM-1	Angelman Syndrome
MCM-10	Klinefelter Syndrome
MCM-11	Malignant Hyperthermia
MCM-12	MCADD - Metabolic disorder
MCM-13	Non Ketotic
MCM-14	Oculocutaneous Albinism
MCM-15	Phelan-McDermid Syndrome
MCM-16	Phenylketonuria
MCM-17	Pierre Robyn Syndrome

MCM-18	Potocki - Lupski Syndrome
MCM-19	Prader Willi Syndrome
MCM-2	Charcot Marie Tooth
MCM-20	Rubinstein-Taybi Syndrome
MCM-21	ScN2A (Sodium Channel) Gene Mutation
MCM-22	Trisomy - chromosome
MCM-23	Trisomy 21/Down Syndrome
MCM-24	Turner's Syndrome
MCM-25	Velocardiofacial Syndrome
MCM-26	Wolf-Hirschhorn Syndrome
MCM-3	Coffin Lowry Syndrome
MCM-4	Coffin-Siris Syndrome
MCM-5	Down Syndrome
MCM-6	Foetal Alcohol Syndrome (FAS)
MCM-7	Fragile X Syndrome
MCM-8	G6 PD Deficiency
MCM-9	Hyperglycemia
MD-01	Conductive hearing loss
MD-02	Otitis media
MD-03	Perforated ear drum
MD-04	Sensorineural hearing loss
MEM-1	Adrenal insufficiency
MEM-2	Diabetes
MEM-3	Hypopituitarism
MEM-4	Hypothyroidism
MEM-5	Multiple pituitary hormone deficiency
MEM-6	Pan-hypopituitarism
MEM-7	Thyroid
MGI-1	Crohn's disease
MGI-10	Kidney disorder
MGI-11	Liver disease
MGI-12	Liver transplant
MGI-13	Necrotising enterocolitis
MGI-14	Neurogenic bladder
MGI-15	Neurogenic bowel
MGI-16	Pancreatitis - chronic
MGI-17	Primary sclerosing cholangitis
MGI-18	Reflux
MGI-19	Stomach ulcer
MGI-2	Cyclic vomiting syndrome
MGI-20	Ulcerative colitis
MGI-3	Diurnal encopresis
MGI-4	Diurnal enuresis
MGI-5	Dumping syndrome
MGI-6	Gastrostomy
MGI-7	Hirschsprung syndrome
MGI-8	Hypospadius
MGI-9	Irritable bowel syndrome
MH-1	Adjustment Disorder
MH-10	Obsessive Compulsive Disorder
MH-11	Oppositional Defiance Disorder
MH-12	Paranoia
MH-13	Post-Traumatic Stress Disorder
MH-14	Reactive Attachment Disorder
MH-15	Social Anxiety Disorder
MH-16	Tic Disorder
MH-17	Tourette's Syndrome
MH-18	Conduct Disorder
MH-19	Gender dysphoria
MH-2	Anorexia
MH-20	Personality Disorder
MH-3	Anxiety Disorder
MH-4	Attachment Disorder
MH-5	Attention Deficit Hyperactivity Disorder (ADHD)

MH-6	Bipolar Affective Disorder
MH-7	Bulimia
MH-8	Depression
MH-9	Mixed Depression and Anxiety
MI-01	Croup
MI-02	Cytomegalovirus
MI-03	Hepatitis
MI-04	HIV/AIDS
MI-05	Meningococcal disease
MI-06	Tuberculosis
MMD-01	Hypertensive disease - high blood pressure
MMD-02	Hypotensive disease - low blood pressure
MMD-03	Kawasaki disease
MMD-04	Pulmonary heart disease
MMD-05	Rheumatic heart disease
MMD-06	Tachycardia
MMD-07	Ventricular heart defect
MMS-1	Ehlers-Danlos
MMS-10	Osgood Schlatter Condition
MMS-11	Osteogenesis Imperfecta
MMS-12	Scoliosis
MMS-13	Sever's Disease
MMS-14	Talipes
MMS-15	Von Eulenburg Disease
MMS-16	Juvenile dermatomyositis
MMS-17	Muscular dystrophy
MMS-2	Fibromyalgia
MMS-3	Hip Dysplasia
MMS-4	Joint Hypermobility
MMS-5	Juvenile Arthritis
MMS-6	Köhler's Disease
MMS-7	Marfan Syndrome
MMS-8	Meyer's Dysplasia
MMS-9	Neurofibromatosis type 1
MN-1	Hypotonia
MN-10	Rett syndrome
MN-11	Septo-optic dysplasia
MN-12	Shunt
MN-13	Spina bifida
MN-14	Thermoregulation
MN-15	Tuberous sclerosis
MN-16	West syndrome
MN-2	Juvenile Huntington disease
MN-3	Lipomas of corpus callosum
MN-4	Macrocephaly
MN-5	Microcephaly
MN-6	Migraine - diagnosed
MN-7	Mobius syndrome
MN-8	Narcolepsy
MN-9	PANDAS syndrome
MND-1	Attention deficit disorder (ADD)
MND-10	Dyslexia
MND-11	Dyspraxia
MND-12	Hyperactivity
MND-13	Intellectual disability
MND-14	Selective mutism
MND-15	Sensory processing disorder
MND-16	Smith-Magenis syndrome
MND-17	Specific Learning Disability with impairment in mathematics
MND-18	Specific Learning Disability with impairment in reading
MND-19	Specific Learning Disability with impairment in written expression
MND-2	Attention deficit hyperactivity disorder (ADHD)
MND-20	Verbal dyspraxia
MND-21	Visual processing disorder

MND-22	Williams' syndrome
MND-3	Auditory processing disorder
MND-4	Autism
MND-5	DAMP syndrome
MND-6	Diagnosed language disorder
MND-7	Dyscalculia
MND-8	Dysgraphia
MND-9	Dyskinetic movement disorder
MO-1	Dysphagia
MO-2	Floppy voice box
MO-3	Trachea-oral fistula
MO-4	Tracheobronchomalacia
MO-5	Tracheostomy
MO-6	Tracheostomy fistula
MOP-1	Keratoconjunctivitis sicca
MOP-2	Vision impairment
MRD-1	Asthma
MRD-2	Bronchiectasis
MRD-3	Chronic bronchitis
MRD-4	Pallid attack
MRD-5	Pneumonia
MS-1	Absence seizures epilepsy
MS-2	Tonic-Clonic epilepsy
MS-3	Myotonic epilepsy
MS-4	Refractory epilepsy
Other	Other
Other-1	Granuloma annulare
Other-2	Incontinence - faecal
Other-3	Incontinence - urinary
Other-4	Nosebleed - severe and recurrent

Wellbeing Event Category Class

Initially provided from WA DET. This code set is in draft and changes are expected. Future changes may re-specify code values.

D	Data Record Only
N	Negative
O	Other
P	Positive

Wellbeing Event Location

Initially provided from WA DET. This code set is in draft and changes are expected. Future changes may re-specify code values.

C	Classroom
Ex	School Excursion
In	School Incursion
L	Library
O	Other
Off	Off-site
On	On school site - not further defined
Ov	Oval
P	Playground

Wellbeing Event Time Period

Initially provided from WA DET. This code set is in draft and changes are expected. Future changes may re-specify code values.

A	After School
AM	AM
B	Before School
Ex	Excursion
O	Other
PM	PM
R	Recess
W	Weekend

Wellbeing Response Category

Initially provided from WA DET. This code set is in draft and changes are expected. Future changes may re-specify code values.

A	Award
D	Detention
M	MultipleResponse
O	Other
P	PlanRequired
S	Suspension

Wellbeing Status

Initially provided from WA DET. This code set is in draft and changes are expected. Future changes may re-specify code values.

O	Other
R	Resolved
U	Unresolved

Year Level Code

0	Year 1 minus 1 For use for AG Collection Reporting. Full time Education Pre Year 1, equivalent to Year Level 1 minus 1, also known for AG purposes as Foundation
1	Year 1
11MINUS	11 Years and Younger
12PLUS	12 years and Older
2	Year 2
3	Year 3
4	Year 4
5	Year 5
6	Year 6
7	Year 7
8	Year 8
9	Year 9
10	Year 10
11	Year 11
12	Year 12
13	Year 13
CC	Childcare
K	Kindergarten
K3	3yo Kindergarten
K4	4yo Kindergarten
P	Prep
PS	Pre-School
UG	Ungraded
UGJunSec	Ungraded Junior Secondary
UGPri	Ungraded Primary
UGSec	Ungraded Secondary
UGSnrSec	Ungraded Senior Secondary

Yes Or No Category

N	No
U	Unknown
X	Not Provided
Y	Yes

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Appendix C: External Code Sets

</div>

All code sets defined by external bodies and referenced within SIF are included here for reference. The left column in each table contains the individual code values that are used in SIF elements and attributes that reference these code sets. These sets of code values are closed and normative for a given version of this specification. Including codes not provided here in corresponding SIF elements and attributes can lead to XML validation errors in installations where the zone integration server or any agent is validating XML messages; the SIF data model allows for locally-defined codes, where deemed appropriate, in the `OtherCodeList` element. The right column of each table may provide a textual equivalent or description of the corresponding code, and is provided for informational purposes only. The referenced sources for these code sets serve as the authorities for all descriptions and semantics, and for the definition and maintenance of the code set values themselves. In each release of this specification the SIF Association endeavors to synchronize referenced code sets with updates from external sources.

International Standards Organization (ISO)

4217 Currency Names And Code Elements

AED	UAE Dirham
AFN	Afghani
ALL	Lek
AMD	Armenian Dram
ANG	Netherlands Antillian Guikder
AOA	Kwanza
ARS	Argentine Peso
AUD	Australian Dollar
AWG	Aruban Guilder
AZN	Azerbaijanian Manat
BAM	Convertible Marks
BBD	Barbados Dollar
BDT	Taka
BGN	Bulgarian Lev
BHD	Bahraini Dinar
BIF	Burundi Franc
BMD	Bermudian Dollar (customarily known as Bermuda Dollar)
BND	Brunei Dollar
BOB	Boliviano
BOV	Mvdol
BRL	Brazilian Real
BSD	Bahamian Dollar
BTN	Ngultrum
BWP	Pula
BYN	Belarusian Ruble
BZD	Belize Dollar
CAD	Canadian Dollar
CDF	Franc Congolais
CHE	WIR Euro
CHF	Swiss Franc
CHW	WIR Franc
CLF	Unidades de formento
CLP	Chilean Peso
CNY	Yuan Renminbi
COP	Colombian Peso
COU	Unidad de Valor Real
CRC	Costa Rican Colon
CUC	Perso Convertible
CUP	Cuban Peso
CVE	Cape Verde Escudo
CZK	Czech Koruna
DJF	Djibouti Franc
DKK	Danish Krone
DOP	Dominican Peso
DZD	Algerian Dinar
EGP	Egyptian Pound
ERN	Nakfa
ETB	Ethiopian Birr
EUR	Euro
FJD	Fiji Dollar
FKP	Falkland Islands Pound
GBP	Pound Sterling
GEL	Lari
GHS	Cedi
GIP	Gibraltar Pound
GMD	Dalasi
GNF	Guinea Franc
GTQ	Quetzal
GYD	Guyana Dollar
HKD	Hong Kong Dollar
HNL	Lempira
HRK	Croatian Kuna
HTG	Gourde
HUF	Forint

`IDR`	Rupiah
`ILS`	New Israeli Sheqel
`INR`	Indian Rupee
`IQD`	Iraqi Dinar
`IRR`	Iranian Rial
`ISK`	Iceland Krona
`JMD`	Jamaican Dollar
`JOD`	Jordanian Dinar
`JPY`	Yen
`KES`	Kenyan Shilling
`KGS`	Som
`KHR`	Riel
`KMF`	Comoro Franc
`KPW`	North Korean Won
`KRW`	Won
`KWD`	Kuwaiti Dinar
`KYD`	Cayman Islands Dollar
`KZT`	Tenge
`LAK`	Kip
`LBP`	Lebanese Pound
`LKR`	Sri Lanka Rupee
`LRD`	Liberian Dollar
`LSL`	Loti
`LYD`	Libyan Dinar
`MAD`	Moroccan Dirham
`MDL`	Moldovan Leu
`MGA`	Malagascy Ariary
`MKD`	Denar
`MMK`	Kyat
`MNT`	Tugrik
`MOP`	Pataca
`MRU`	Ouguiya
`MUR`	Mauritius Rupee
`MVR`	Rufiyaa
`MWK`	Kwacha
`MXN`	Mexican Peso
`MXV`	Mexican Unidad de Inversion (UID)
`MYR`	Malaysian Ringgit
`MZN`	Metical
`NAD`	Namibian Dollar
`NGN`	Naira
`NIO`	Cordoba Oro
`NOK`	Norwegian Krone
`NPR`	Nepalese Rupee
`NZD`	New Zealand Dollar
`OMR`	Rial Omani
`PAB`	Balboa
`PEN`	Nuevo Sol
`PGK`	Kina
`PHP`	Philippine Peso
`PKR`	Pakistan Rupee
`PLN`	Zloty
`PYG`	Guarani
`QAR`	Qatari Rial
`RON`	New Leu
`RSD`	Serbian Dina
`RUB`	Russian Ruble
`RWF`	Rwanda Franc
`SAR`	Saudi Riyal
`SBD`	Solomon Islands Dollar
`SCR`	Seychelles Rupee
`SDG`	Sudanese Pound
`SEK`	Swedish Krona
`SGD`	Singapore Dollar

SHP	Saint Helena Pound
SLL	Leone
SOS	Somali Shilling
SRD	Surinam Dollar
SSP	South Sudanese Pound
STN	Dobra
SVC	El Salvador Colon
SYP	Syrian Pound
SZL	Lilangeni
THB	Baht
TJS	Somoni
TMT	Turkmenistan New Manat
TND	Tunisian Dinar
TOP	Pa'anga
TRY	New Turkish Lira
TTD	Trinidad and Tobago Dollar
TWD	New Taiwan Dollar
TZS	Tanzanian Shilling
UAH	Hryvnia
UGX	Uganda Shilling
USD	US Dollar
USN	US Dollar (Next day)
UYI	Uruguay Peso en Unidades Indexadas (URUIURUI)
UYU	Peso Uruguayo
UZS	Uzbekistan Sum
VES	Bolivar
VND	Dong
VUV	Vatu
WST	Tala
XAF	CFA Franc BEAC
XAG	Silver
XAU	Gold
XBA	Bond Markets Units European Composite Unit (EURCO)
XBB	European Monetary Unit (E.M.U.-6)
XBC	European Unit of Account 9 (E.U.A.-9)
XBD	European Unit of Account 17 (E.U.A.-17)
XCD	East Caribbean Dollar
XDR	SDR
XOF	CFA Franc BCEAO
XPD	Palladium
XPF	CFP Franc
XPT	Platinum
XSU	Sucre
XTS	Code specifically reserved for testing purposes
XUA	ADB Unit of Account
XXX	Code assigned for transactions where no currency is involved
YER	Yemeni Rial
ZAR	Rand
ZMW	Kwacha
ZWL	Zimbabwe Dollar

Appendix D: Background/Supplementary Documentation (non-normative)

This appendix supplies background/supplementary documentation from working groups and task forces for interested readers, including but not limited to object plans, business/use cases, test plans, test results, background and best practice documentation. Last modified dates are included in parentheses.

- CodeSetLocalSupportv3.4.5.pdf (28/11/2019)
- Deleted Object Advice DET NSW.pdf (28/11/2019)
- Highlighted Additions and Changes 3.4.8.pdf (9/03/2021)

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Appendix K: Index of Attributes

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Appendix L: References

Data Model

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ISO	ISO (International Organization for Standardization). <https://www.iso.org/home.html>.
JPEG	IJG (Independent JPEG Group). <http://ijg.org/> JPEG File Interchange Format Version 1.02. <http://www.w3.org/Graphics/JPEG/jfif3.pdf>.
LOM	IEEE (Institute of Electrical and Electronics Engineers, Inc.). IEEE LTSC	WG12. 10 July 2006 <http://ltsc.ieee.org/wg12/>.
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ABS 1216.0	Australian Bureau of Statistics - 1216.0 - Australian Standard Geographical Classification (ASGC), 2011. <http://www.abs.gov.au/AUSSTATS/abs@.nsf/Lookup/1216.0Main+Features1July%202011?OpenDocument>.
MCEECDYA	The Ministerial Council for Education, Early Childhood Development and Youth Affairs. Has been renamed and is now known as the Education Council. <hhttp://www.educationcouncil.edu.au/>.
DEEWR	The former Department of Education, Employment and Workplace Relations is now the Australian Government - Department of Education and Training. <https://www.education.gov.au/>.