Sections (Kansas v3.6)

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Tool Search: Ed-Fi

This educational entity represents a setting in which organized instruction of course content is provided to one or more students for a given period of time. A course may be offered to more than one class/section. Instruction, provided by one or more teachers or other staff members, may be delivered in person or via a different medium.

Object Triggering Logic

This table describes logic for triggering syncing of this object.

Action	Trigger
Post	When a section is created and saved. • Section Placement is required in order for the section to send. • One record reports for each Section and Term Type combination. • Does not send records when the Calendar Exclude checkbox is marked. • Does not send records when the course is marked inactive or Exclude from State Reporting. • Does not send when the School Exclude checkbox is marked. • Does not post a record when Exclude from State Reporting is marked on the Course.
Post	When Section Placement is changed and saved on a section.
Post	When the Local Course Number or Term type Override is changed.
Put	When any fields listed below are changed: • When the SCED Sequence Number is changed and saved on the Course editor. • When the Instructional Setting is changed and saved on a section. • When the Credit field is changed and saved on a Grading Task assigned to the course.
Delete	When a section is deleted.
Delete	When Section Placement is changed or removed and saved on a section.
Delete	When the Local Course Number or Term Type Override is changed.

School Exclude, Calendar Exclude, Resource Toggle and Resync Logic

This table describes the School Exclude, Calendar Exclude, Resource Toggle and Resync logic of this object.

Action	Trigger
None	When a resource is toggled to OFF after data has sent, all sent data remains in the ODS but no new data is sent.
Delete	When a resource is toggled to OFF after data has sent and an action is performed that would trigger a delete, that data remains in the ODS until a resync is done.

Action	Trigger
Resync	When a record is in the Ed-Fi Identity Mapping table and not in the ODS, it is deleted from the Ed-Fi Identity Mapping table.
Resync	When a record is in the ODS and it does not have a matching record in Campus or the Ed-Fi Identity Mapping table, it is deleted from the ODS.
Resync	When a mapping is changed in Resource Preferences, a resync is needed to reflect the changes.

Natural Key Changes, Cascading Updates, and Deletes Logic

This table describes the Natural Key Changes/Cascading Updates and Deletes logic of this object.

Action	Trigger
Post/Delete	Natural Key Changes: • When the School ID changes, all data remains under the old number and a resync is needed to be completed to populate data under the new number. The delete tool would need to be used to remove all data from the old School ID.
Post/Delete	When any of the following changes in the Course Offerings resource: • Local Course Code • Session Name
Post/Delete	When the natural key changes all dependent data is deleted/posted.
Dependent Resources	Staff Section Associations Student Section Associations Student Section Attendance Events Grades.

Scope Year Logic

This table describes scope year logic of this object.

Logic
Sections report to the configured year to which they are aligned.
Data only sends for years that have valid configuration.

Resource Preferences

Data Element Label	Mapping Needed
Instructional Setting	Educational Environment Descriptors

Identity Mapping Object Key

campusObjectType	Object Key Data Source
SectionPlacement	sectionID-termID

Event Queue Detail

This table describes the Event Queue Detail of this object.

Campus Table	Ed-Fi Action	Fields
sectionPlacement	Post/Put/Delete	The primary table used for sending data for this resource.
course	Put	Sequence of Course
section	Put	Educational Environment Descriptor
gradingTaskCredit	Put	Available Credits

Object Data Elements

This table describes data elements sent within the Sections resource.

Data Element Label	Business Requirements and Rules	Mandatory, Conditional or Optional	Location
id	The unique identifier of the resource.	M	
sectionIdentifier uniqueSectionCode	The local identifier assigned to a section. Reports the section ID of the section being reported.	M	Section Information > Section ID Section.sectionID

Data Element Label	Business Requirements and Rules	Mandatory, Conditional or Optional	Location
courseOfferingReference	A reference to the related CourseOffering resource. Reports the fields that are part of the Natural Key for the Course Offering resource. Reports sessionName as follows: For the Term(s) being reported, reports the KS specific Session Name associated with the mapped Ed-Fi Code value. See Kansas specific sessionName translation table below. Use core logic for the remaining fields in the courseOfferingsReference	M	
locationReference	A reference to the related Location resource. Reports the fields that are part of the Natural Key for the Locations resource.	O	
locationSchoolReference	A reference to the related School resource. Reports the fields that are part of the Natural Key for the School resource.	M	
availableCreditConversion	Conversion factor that when multiplied by the number of credits is equivalent to Carnegie units. This is optional, does not report.	O	

Data Element Label	Business Requirements and Rules	Mandatory, Conditional or Optional	Location
availableCredits	Credits or units of value awarded for the completion of a course. 1. Sum the total number of credits from the Grading Tasks on the course. 2. Divide by the number of terms the course section occurs.	O	Course Grading Tasks > Credit GradingTaskCredit.Credit
availableCreditTypeDescriptor	The type of credits or units of value awarded for the completion of a course. This is optional, does not report.	O	
characteristics	This descriptor defines characteristics of a section, such as whether attendance is taken and the section is graded. This is optional, does not report.	O	
classPeriods	The class period during which the Section meets. See array section for logic.	O	
courseLevelCharacteristics	The type of specific program or designation with which the section is associated (e.g., AP, IB, Dual Credit, CTE). This collection should only be populated when it differs from the Course Level Characteristics identified at the Course Offering level. This is optional, does not report.	O	

Data Element Label	Business Requirements and Rules	Mandatory, Conditional or Optional	Location
educationalEnvironmentDescriptor	The setting in which a child receives education and related services; for example: Center-based instruction Home-based instruction Hospital class Mainstream Residential care and treatment facility. This is optional, does not report.	O	Section Information > Instructional Setting Section.instructionalSetting
instructionLanguageDescriptor	The primary language of instruction, when omitted English is assumed. This is optional, does not report.	O	
mediumOfInstructionType	The media through which teachers provide instruction to students and students and teachers communicate about instructional matters; for example: Technology-based instruction in classroom Correspondence instruction Face-to-face instruction Virtual/On-line Distance learning Center-based instruction. - Reports the Ed-Fi Code value from the mapped Medium of Instruction selected on the course section being reported - When NULL, reports the value to Face-to-face instruction. - Always reports this unless the field is explicitly changed to a different value.	M	Section Information > Medium of Instruction section.mediumOfInstruction

Data Element Label	Business Requirements and Rules	Mandatory, Conditional or Optional	Location
offeredGradeLevels	The grade levels in which the section is offered. This collection should only be populated when it differs from the Offered Grade Levels identified at the Course Offering level. This is optional, does not report.	O	
populationServedDescriptor	The population for which the course was designed; for example: Bilingual students Remedial education students Gifted and talented students Career and Technical Education students Special education students. This is optional, does not report.	O	
programs	An unordered collection of sectionPrograms. This educational entity represents a setting in which organized instruction of course content is provided to one or more students for a given period of time. A course may be offered to more than one class/section. Instruction, provided by one or more teachers or other staff members, may be delivered in person or via a different medium. This is optional, does not report.	O	

Data Element Label	Business Requirements and Rules	Mandatory, Conditional or Optional	Location
sectionName	The local name of the section. Reports the courseNumber-sectionNumber + courseName • Ex: 1000-100 English 9	O	Course > Number Section > Number Course > Name
sequenceOfCourse	When a section is part of a sequence of parts for a course, the number when the sequence. When the course has only one part, the value of this section attribute should be 1. 1. Reports the value selected in the SCED Sequence Part N field. 2. When NULL, reports 1.	M	Scheduling > Course > Course courseinfo.SCEDSequenceNumber
etag	A unique system-generated value that identifies the version of the resource. 1. This is optional, does not report.	O	

Session Name Translation Table

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Code Value	Session Name
Q1	SchoolYear.endYear + ' Quarter 1'
Q2	SchoolYear.endYear + ' Quarter 2'
Q3	SchoolYear.endYear + ' Quarter 3'
Q4	SchoolYear.endYear + ' Quarter 4'
S1	SchoolYear.endYear + ' First Semester'
S2	SchoolYear.endYear +' Second Semester'
SM	'Summer'

Code Value	Session Name
T1	SchoolYear.endYear + ' Trimester 1'
T2	SchoolYear.endYear + ' Trimester 2'
T3	SchoolYear.endYear + ' Trimester 3'
YR	SchoolYear.endYear +' School Year'

Arrays

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Class Periods

Data Element Label	Business Requirements and Rules	Mandatory, Conditional or Optional	Location
classPeriodReference	The period Name. Reports the Name of the period .	M	Calendar Information > Period Setup Period.name

Type Descriptor

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Educational Environment Descriptors

Code Value	Description	Namespace	Short Description
Hospital class	Hospital class	uri://ed-fi.or/EducationalEnvironmentDescriptor	Hospital class
Laboratory	Laboratory	uri://ed-fi.or/EducationalEnvironmentDescriptor	Laboratory
Pull-out class	Pull-out class	uri://ed-fi.or/EducationalEnvironmentDescriptor	Pull-out class
Self-contained (Special Education)	Self-contained (Special Education)	uri://ed-fi.or/EducationalEnvironmentDescriptor	Self-contained (Special Education)
Off-school center	Off-school center	uri://ed-fi.or/EducationalEnvironmentDescriptor	Off-school center
Shop	Shop	uri://ed-fi.or/EducationalEnvironmentDescriptor	Shop
Resource room	Resource room	uri://ed-fi.or/EducationalEnvironmentDescriptor	Resource room
Self-study	Self-study	uri://ed-fi.or/EducationalEnvironmentDescriptor	Self-study

Code Value	Description	Namespace	Short Description
Homebound	Homebound	uri://ed-fi.or/EducationalEnvironmentDescriptor	Homebound
Single sex classroom	Single sex classroom	uri://ed-fi.or/EducationalEnvironmentDescriptor	Single sex classroom
Classroom	Classroom	uri://ed-fi.or/EducationalEnvironmentDescriptor	Classroom
Mainstream (Special Education)	Mainstream (Special Education)	uri://ed-fi.or/EducationalEnvironmentDescriptor	Mainstream (Special Education)
In-school suspension	In-school suspension	uri://ed-fi.or/EducationalEnvironmentDescriptor	In-school suspension