

# Student Section Associations (Kansas v3.6)

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Tool Search: Ed-Fi

This association indicates the course sections to which a student is assigned.

## Object Triggering Logic

This table describes logic for triggering syncing of this object.

Action	Trigger
Post	<p>When a student is scheduled into a course section.</p> <ul style="list-style-type: none"> <li>• A record reports for each Section record that is reported based on the Sections logic.</li> <li>• When the roster start date is after the term end date, does not report a record for the prior term.</li> <li>• Only sends records when the student has an enrollment in the schedule structure where the student is scheduled.</li> <li>• Does not send records when No Show or State Exclude is marked on the Enrollment.</li> <li>• Does not send records when Calendar Exclude is marked.</li> <li>• Does not send records when School Exclude is marked.</li> <li>• Does not send records when the Course is Inactive (Active checkbox not marked).</li> <li>• Does not send records when the Course is marked as Exclude from State Reporting.</li> </ul>
Post	Sends a new record when a student's roster start date is changed.
Put	<p>When section information is updated for a student or section.</p> <ul style="list-style-type: none"> <li>• Updates when the course or section's homeroom field is changed.</li> </ul>
Delete	When a student is deleted from a course section.
Delete	<p>Delete any future records when the student is given a roster end date for the course.</p> <ul style="list-style-type: none"> <li>• Roster End Date must be before Term Start date of future records.</li> </ul>
Delete/Post	Deletes the record when a student's roster start date 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.

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 need 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
Delete/Post	Natural Key change: <ul style="list-style-type: none"> <li>The natural key logic from Sections and Students updates this resource when they change.</li> </ul>
Delete/Post	When the natural key changes all dependent data is deleted/posted. <ul style="list-style-type: none"> <li>Student Section Attendance Events, Grades</li> </ul>

## Scope Year Logic

This table describes scope year logic of this object.

Logic
Reports records in the scope year in which the course/section's calendar is aligned. <ul style="list-style-type: none"> <li>Data will only send for years that have valid configuration.</li> </ul>

## Event Queue Detail

This table describes the Event Queue Detail of this object.

Campus Table	Ed-Fi Action	Fields
roster	Post/Put/Delete	The primary table used for sending data for this resource.
roster	Put	End date
terms	Put	End date
course	Put	homeroom
section	Put	homeroom

# Object Data Elements

This table describes data elements sent within the Student Section Association resource.

Data Element Label	Business Requirement and Rules	Mandatory, Conditional or Optional	Location
<b>beginDate</b>	<p>Month, day and year of the student's entry or assignment to the section. When blank, the default is the start date of the first grading period.</p> <p>Reports the roster start date for the term record in which the start date occurs.</p> <ul style="list-style-type: none"> <li>For any records in the future terms for that course, the earliest term start date is used.</li> <li>When the Start Date is NULL, reports the earliest term start date associated with the term descriptor selected for this section based on section schedule placement.</li> </ul>	M	<p>Schedule &gt; Roster Start Date</p> <p>roster.startDate</p> <hr/> <p>Terms Setup &gt; Start Date</p> <p>terms.startDate</p>

Data Element Label	Business Requirement and Rules	Mandatory, Conditional or Optional	Location																								
<b>sectionReference</b>	<p>A reference to the related Section resource</p> <p>Reports the fields that are part of the Natural Key for the Section resource</p> <ul style="list-style-type: none"> <li>sessionName = KS specific sessionName for the mapped Ed-Fi code value:</li> </ul> <p><b>Kansas specific sessionName translation table</b></p> <table border="1" data-bbox="600 855 981 1963"> <thead> <tr> <th data-bbox="600 855 711 945">Code Value</th><th data-bbox="711 855 981 945">Session Name</th></tr> </thead> <tbody> <tr> <td data-bbox="600 945 711 1057">Q1</td><td data-bbox="711 945 981 1057">SchoolYear.endYear + ' Quarter 1'</td></tr> <tr> <td data-bbox="600 1057 711 1170">Q2</td><td data-bbox="711 1057 981 1170">SchoolYear.endYear + ' Quarter 2'</td></tr> <tr> <td data-bbox="600 1170 711 1237">Q3</td><td data-bbox="711 1170 981 1237">SchoolYear.endYear + ' Quarter 3'</td></tr> <tr> <td data-bbox="600 1237 711 1304">Q4</td><td data-bbox="711 1237 981 1304">SchoolYear.endYear + ' Quarter 4'</td></tr> <tr> <td data-bbox="600 1304 711 1417">S1</td><td data-bbox="711 1304 981 1417">SchoolYear.endYear + ' First Semester'</td></tr> <tr> <td data-bbox="600 1417 711 1529">S2</td><td data-bbox="711 1417 981 1529">SchoolYear.endYear + ' Second Semester'</td></tr> <tr> <td data-bbox="600 1529 711 1596">SM</td><td data-bbox="711 1529 981 1596">'Summer'</td></tr> <tr> <td data-bbox="600 1596 711 1709">T1</td><td data-bbox="711 1596 981 1709">SchoolYear.endYear + ' Trimester 1'</td></tr> <tr> <td data-bbox="600 1709 711 1821">T2</td><td data-bbox="711 1709 981 1821">SchoolYear.endYear + ' Trimester 2'</td></tr> <tr> <td data-bbox="600 1821 711 1888">T3</td><td data-bbox="711 1821 981 1888">SchoolYear.endYear + ' Trimester 3'</td></tr> <tr> <td data-bbox="600 1888 711 1963">YR</td><td data-bbox="711 1888 981 1963">SchoolYear.endYear + ' School Year'</td></tr> </tbody> </table>	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'	T1	SchoolYear.endYear + ' Trimester 1'	T2	SchoolYear.endYear + ' Trimester 2'	T3	SchoolYear.endYear + ' Trimester 3'	YR	SchoolYear.endYear + ' School Year'	M	
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Data Element Label	Business Requirement and Rules	Mandatory, Conditional or Optional	Location
<b>studentReference</b>	<p>A reference to the related Student resource</p> <p>Reports the fields that are part of the Natural Key for the Student resource</p> <ul style="list-style-type: none"> <li>studentUniqueId = Student State ID</li> </ul>	M	
<b>attemptStatusDescriptor</b>	<p>An indication of the student's attempt status for the section.</p> <p>This is optional and does not report.</p>	O	
<b>endDate</b>	<p>Month, day, and year of the withdrawal or exit of the student from the section.</p> <p>Reports the roster end date for the student.</p> <ul style="list-style-type: none"> <li>When a roster end date is entered, deletes any records for future terms for that section.</li> <li>When NULL, reports the latest term end date associated with the term descriptor selected for this section based on section schedule placement.</li> </ul>	C	<p>Schedule &gt; Roster End Date</p> <p>roster.endDate</p> <hr/> <p>Terms Setup &gt; End Date</p> <p>terms.endDate</p>
<b>homeroomindicator</b>	<p>Indicator that the class is the student's designated homeroom used for daily attendance reporting.</p> <ul style="list-style-type: none"> <li>Reports True when the Homeroom checkbox is marked on either the Section or the Course the section is assigned to,</li> <li>Reports False when the Homeroom checkbox is not marked.</li> </ul>	O	<p>Course Information &gt; Homeroom</p> <p>course.Homeroom</p> <hr/> <p>Section Information &gt; Homeroom</p> <p>section.Homeroom</p>

Data Element Label	Business Requirement and Rules	Mandatory, Conditional or Optional	Location
repeatIdentifierType	<p>An indication as to whether a student has previously taken a given course.</p> <p>NEDM: Repeat Identifier Repeated, counted in grade point average Repeated, not counted in grade point average Not repeated Other .</p> <p>This data is not collected in Campus.</p>	O	
teacherStudentDataLinkExclusion	<p>Indicates that the student-section combination is excluded from calculation of value-added or growth attribution calculations used for a particular teacher evaluation.</p> <p>This data is not collected in Campus</p>	O	
<b>courseStatusDescriptor</b>	<p>Indication of the student's status in the course</p> <p>Always sends 'Enrolled' as the courseStatusDescriptor (see Type/Descriptors table below).</p>	M	

## Type and Descriptors

▶ [Click here to expand...](#)

### Course Status Descriptors

Code Value	Description	Namespace	Short Description
Certificate Earned	Certificate Earned	uri://ksde.org/CourseStatusDescriptor	Certificate Earned
Completed (Fail)	Completed (Fail)	uri://ksde.org/CourseStatusDescriptor	Completed (Fail)
Completed (Pass)	Completed (Pass)	uri://ksde.org/CourseStatusDescriptor	Completed (Pass)

Code Value	Description	Namespace	Short Description
Enrolled	Enrolled	uri://ksde.org/CourseStatusDescriptor	Enrolled
Enrolled (Migrant only)	Enrolled (Migrant only)	uri://ksde.org/CourseStatusDescriptor	Enrolled (Migrant only)
Exited before course completion (Migrant only)	Exited before course completion (Migrant only)	uri://ksde.org/CourseStatusDescriptor	Exited before course completion (Migrant only)
Received Services (Summer Migrant only)	Received Services (Summer Migrant only)	uri://ksde.org/CourseStatusDescriptor	Received Services (Summer Migrant only)
Record Submitted in Error	Record Submitted in Error	uri://ksde.org/CourseStatusDescriptor	Record Submitted in Error