

# TN Ed-Fi Suite 3 API v6.2 Data Standard v4.0: Student Section Associations

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# TN Ed-Fi Suite 3 API v6.2 Data Standard v4.0: Student Section Associations

## Summary

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

## Object Triggering

Action	Business Rule(s)
Post	<p>When a student is scheduled into a course section</p> <ul style="list-style-type: none"> <li>• A record will report for each Section record that is reported based on the Sections logic</li> <li>• If roster start date is after the term end date, do not report a record for the prior term</li> <li>• Only send records if the student has a enrollment in the schedule structure where the student is scheduled and is not marked as No Show</li> <li>• Do not send records if the Calendar Exclude check box is checked</li> <li>• Do not send records if the School Exclude check box is checked</li> <li>• Do not send records if the Course is marked as Inactive</li> </ul>
Put	<p>When section information is updated for a student or section</p> <ul style="list-style-type: none"> <li>• Update when the course or section's homeroom field is changed</li> </ul>
Delete /Post	When student's roster start date is changed
Delete	<p>When a student is deleted from a course section</p> <p>Delete any future records if 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>

#### Required Resources (Upstream)

The following resources must be sent prior to this resource:

- Students
- Sections

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#### Dependent Resources (Downstream)

The following resources are dependent on this resource (must be sent after this resource):

- Grades

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#### Error Log

The following are potential Tier 1 (Ed-Fi API generated) or custom (Campus generated) errors you may receive when posting, updating, or deleting this resource. Please keep in mind that the "Error Message" below may not match your exact error message.

Error Message	Possible Causes / How to Fix

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#### Object Data Elements

Data element labels below in **BOLD** are part of the natural key of this resource and are required data elements for the record to send through Ed-Fi.

- The Mandatory / Conditional / Optional column indicates what the state requires for each data element.
- The Uses Core Template Rules column indicates if the element uses Infinite Campus Core Ed-Fi rules, has been Localized using DOE rules, or the element has been added by a DOE as an Extended Element.

	<b>Data Element Label</b>	<b>Business Rule(s)</b>	<b>Mandatory/ Conditional /Optional</b>	<b>Tool Path</b>	<b>Database Field</b>	<b>Uses Core Template Rules (Y/N/EXT)</b>
1	<b>beginDate</b> <i>(date)</i>	<p><i>Month, day and year of the student's entry or assignment to the section. If blank, default is the start date of the first grading period</i></p> <hr/> <p>1. Report the Roster Start Date for the term record in which the start date occurs            a. For any records in the future terms for that course, use the earliest term start date</p> <p>2. If Roster Start Date is NULL,            a. If Enrollment Start Date is after earliest term start date associated with the term descriptor selected for the section, report the enrollment start date            b. Else, report the earliest term start date associated with the term descriptor selected for this section based on section schedule placement</p>	M	Roster	roster.startDate terms.startDate enrollment.StartDate	N
2	<b>sectionReference</b> <i>(reference)</i>	<p><i>A reference to the related Section resource</i></p> <hr/> <p>1. Reports the fields that are part of the Natural Key for the Section resource</p>	M	N/A	N/A	Y

3	<b>studentReference</b> <i>(reference)</i>	<p><i>A reference to the related Student resource</i></p> <hr/> <p>1. Reports the fields that are part of the Natural Key for the Student resource</p>	M	N/A	N/A	Y
4	<b>endDate</b> <i>(date)</i>	<p><i>Month, day, and year of the withdrawal or exit of the student from the section.</i></p> <hr/> <p>1. Report the roster end date for the student           <ol style="list-style-type: none"> <li>If a roster end date is entered, delete any records for future terms for that section</li> <li>If NULL, report the latest term end date associated with the term descriptor selected for this section based on section schedule placement</li> </ol> </p>	O	Roster	roster.endDate terms.endDate	Y
5	<b>homeroomIndicator</b> <i>(boolean)</i>	<p><i>Indicator that the class is the student's designated homeroom used for daily attendance reporting</i></p> <hr/> <p>1. Report "True" if the check box is checked on either the Section or the Course the section is assigned to            2. Else, report False</p>	O	Course Section	course.homeroom section.homeroomSection	Y
6	<b>repeatIdentifierType</b>	<p>1. This is optional, does not report</p>	O	N/A	N/A	Y
7	<b>teacherStudentDataLinkExclusion</b>	<p>1. This is optional, does not report</p>	O	N/A	N/A	Y

8	attemptStatusDescriptor	1. This is optional, does not report	O	N/A	N/A	Y
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Data Validation Report (Ed-Fi Student Section Associations Validations)

This report will return the following validations (Reporting > Data Validation > Data Validation Report):

- Student Section Begin Date must be within the school year
- Student Section End Date must be within the school year
- Student Section Begin Date must be within the enrollment period