



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

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

### Summary

This entity represents the prescribed span of time when an education institution is open, instruction is provided and students are under the direction and guidance of teachers and/or education institution administration. A session may be interrupted by one or more vacations.

### Object Triggering

Action	Business Rule(s)
Post	<p>When a new Term is created and saved that is Mapped to a Term Type and a resync of Sessions is completed</p> <ul style="list-style-type: none"> <li>• If the same Term Type is selected on multiple Terms, group the Terms together so only 1 record will report per Term Type</li> <li>• If there are multiple Calendars or Schedule structures in a School with the same Term Types, only 1 record can report to Ed-Fi. Report the earliest Term Start Date and latest Term End Date.</li> <li>• Do not send records if the Calendar Exclude check box is checked</li> <li>• Do not send if the School is marked as Exclude</li> </ul>
Post	<p>When a Term Descriptor Override is selected on a Course or Section and saved and the course is mapped to a Term Descriptor Override and a resync of Sessions is completed.</p> <ul style="list-style-type: none"> <li>• The Session will report the start and end dates based on the mapping of the course section</li> <li>• If the same Term Type is selected in the Terms tab and the Term Type Override, a record will not send from the override field</li> <li>• Do not send records if the Calendar Exclude check box is checked or Course is marked as Inactive or Exclude</li> </ul>
Put	When the Grading Period data is changed or the Grading Period record is deleted
Delete /Post	N/A
Delete	If the Term is deleted or the mapping is removed the Session record and all dependent data will be removed

Required Resources (Upstream)

The following resources must be sent prior to this resource:

- Schools (Preloaded)
- 

Dependent Resources (Downstream)

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

- Course Offerings
- 

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>sessionName</b> <i>(string)</i>	<i>The identifier for the calendar for the academic session</i> <hr/> <b>1.</b> Reports the name of the mapped Ed-Fi Code for the Term(s) being reported	M	Terms	term.name	Y
2	<b>schoolReference</b> <i>(reference)</i>	<i>A reference to the related Schools resource</i> <hr/> <b>1.</b> Reports the fields that are part of the Natural Key for the Schools resource	M	N/A	N/A	Y
3	<b>schoolYearTypeReference</b> <i>(reference)</i>	<i>A reference to the related SchoolYearType resource</i> <hr/> <b>1.</b> Reports the end year from the calendar the term is reported <b>a.</b> Reports 'XXXX'	M	N/A	N/A	Y
4	<b>beginDate</b> <i>(date-time)</i>	<i>Term start date</i> <hr/> <b>1.</b> Report the start date of the term being reported <b>a.</b> If more than 1 term has the same Term Type selected, report the earliest start date <b>b.</b> Note: When Term Descriptor Override is populated, report from the Term Descriptor Override	M	Terms	term.startDate	Y

5	<b>endDate</b>  <i>(date-time)</i>	<i>Term end date</i>  <hr/> <ol style="list-style-type: none"> <li>1. Report the end date of the term being reported             <ol style="list-style-type: none"> <li>a. If more than 1 term has the same Term Type selected, use the latest end date</li> <li>b. Note: When Term Descriptor Override is populated, report from the Term Descriptor Override</li> </ol> </li> </ol>	M	Terms	term. endDate	Y
6	<b>termDescriptor</b>  <i>(string)</i>	<i>Defines the term of a session during the school year (e.g., Fall Semester).</i>  <hr/> <ol style="list-style-type: none"> <li>1. When reporting from Term Descriptors mapping, report the Ed-Fi Code for the value selected             <ol style="list-style-type: none"> <li>a. When Ed-Fi Term Type = Null, or when no Ed-Fi code exists, do not report.</li> </ol> </li> <li>2. When reporting from the Term Descriptor Overrides, report the Ed-Fi code value selected</li> </ol>	M	Terms		Y
7	<b>totalInstructionalDays</b>  <i>(integer)</i>	<i>Total Days in Session</i>  <hr/> <ol style="list-style-type: none"> <li>1. When reporting from Term Schedule, count the total number of instructional days from the Days tab from the calendar and schedule structure the term is associated with             <ol style="list-style-type: none"> <li>a. A day reset must be completed before the days will calculate. Use the resync after day reset is completed to have instructional days calculated and sent.</li> <li>b. If more than 1 term schedule has the same Term Type, count the distinct number of instructional days from all terms for that Term Type</li> <li>c. Note: When Term Descriptor Override is populated, report from the Term Descriptor Override</li> </ol> </li> </ol>	M	Terms	calculated	Y

8	gradingPeriods / gradingPeriodReference  (array / reference)	Reference to the related Grading Period resource  <hr/> <ol style="list-style-type: none"> <li>1. Report all Grading Periods that are mapped to the term schedules that are used to report the session and has a Grading Period End Date that overlaps the term being reported                         <ol style="list-style-type: none"> <li>a. Grading Period End Date must be on or after Session Start Date and on or before Session End Date</li> <li>b. Note: When Term Descriptor Override is populated, report from the Term Descriptor Override</li> </ol> </li> </ol>	O	N/A	N/A	Y
9	academicWeeks	<ol style="list-style-type: none"> <li>1. This is optional, does not report</li> </ol>	O	N/A	N/A	Y

Data Validation Report (Ed-Fi Sessions Validations)

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

- Session Begin Date must be within the school year
- Session End Date must be within the school year
- Session Begin Date must be less than or equal to End Date