

KS Ed-Fi Suite v3.6.2, Data Standard v4.0: Sessions

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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 Logic

Action	Business Rule(s)
Post	<p>Reports a record when a Term or Term Override (for Course or Section) is mapped to an Ed-Fi Code and a resync of Sessions is performed.</p> <ul style="list-style-type: none"> • Do not report a record if the any of the following exclusions are present: <ul style="list-style-type: none"> ◦ Calendar Exclude ◦ School Exclude ◦ Course is marked as Inactive ◦ Course is marked as State Exclude • When the same Ed-Fi Code is mapped to multiple terms, group the terms together to report one record. <ul style="list-style-type: none"> ◦ When there are multiple Calendars or Schedule Structures within a School with the same Ed-Fi Code, only one record will report. ◦ Report the earliest Term Start Date and the latest Term End Date.

Delete /Post	A DELETE / POST will be performed if the data element being altered is part of the resource's natural key. A PUT will be performed otherwise.
Put	<ul style="list-style-type: none">• When the following information is changed on Terms:<ul style="list-style-type: none">◦ Term ID (New Term)◦ Start Date◦ End Date
Delete	<ul style="list-style-type: none">• When the term is deleted or the mapping is removed.• When the course or section is deleted.• When the course or section has an override removed.

Required Resources (Upstream)

The following resources must be sent prior to this resource:

- Schools (Pre-populated)
 - Grading Periods
-

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

Object Data Elements Logic

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.

	Data Element Label	Business Rule(s)	Mandatory (M) Conditional (C) Optional (O)	Data Source GUI Path	Database Field	Uses Template Logic  /  / EXT
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1	<p>sessionName (<i>string</i>)</p>	<p><i>The identifier for the calendar for the academic session.</i></p> <hr/> <p>1. For the Term Descriptor of the Term(s) being reported, report the Kansas Session Name associated with the mapped Ed-Fi Code value per translation table below.</p> <p>Kansas sessionName translation table:</p> <table border="1" data-bbox="667 528 1312 1310"> <tr> <td></td> <td></td> </tr> <tr> <td>Q1</td> <td>SchoolYear.endYear + ' Quarter 1'</td> </tr> <tr> <td>Q2</td> <td>SchoolYear.endYear + ' Quarter 2'</td> </tr> <tr> <td>Q3</td> <td>SchoolYear.endYear + ' Quarter 3'</td> </tr> <tr> <td>Q4</td> <td>SchoolYear.endYear + ' Quarter 4'</td> </tr> <tr> <td>S1</td> <td>SchoolYear.endYear + ' First Semester'</td> </tr> <tr> <td>S2</td> <td>SchoolYear.endYear + ' Second Semester'</td> </tr> <tr> <td>SM</td> <td>'Summer'</td> </tr> <tr> <td>T1</td> <td>SchoolYear.endYear + ' Trimester 1'</td> </tr> <tr> <td>T2</td> <td>SchoolYear.endYear + ' Trimester 2'</td> </tr> <tr> <td>T3</td> <td>SchoolYear.endYear + ' Trimester 3'</td> </tr> <tr> <td>YR</td> <td>SchoolYear.endYear + ' School Year'</td> </tr> </table>			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	Ed-Fi Connection Resource Preferences	N/A	
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'																													

2	schoolReference (reference)	<p><i>A reference to the Schools resource associated with the Session being reported.</i></p> <hr/> <p>Reports the fields that are part of the Natural Key for the Schools resource</p>	M	N/A	N/A	✓
3	schoolYearTypeReference (reference)	<p><i>A reference to the School Year resource associated with the Session being reported.</i></p> <hr/> <p>Reports the End Year the session is associated with.</p>	M	N/A	N/A	✓
4	beginDate (date)	<p><i>Month, day, and year of the first day of the term.</i></p> <hr/> <p>Reports the Start Date of the Term being reported.</p> <ul style="list-style-type: none"> • If more than one term has the same Ed-Fi Code selected, reports the earliest Start Date. • When the Term Descriptor Override is populated, reports the Start Date from the Term Descriptor Override. 	M	Calendar	Term. startDate	✓
5	endDate (date)	<p><i>Month, day and year of the last day of the term.</i></p> <hr/> <p>Reports the End Date of the Term being reported.</p> <ul style="list-style-type: none"> • If more than one term has the same Ed-Fi Code selected, reports the earliest Start Date. • When the Term Descriptor Override is populated, reports the Start Date from the Term Descriptor Override. 	M	Calendar	Term. endDate	✓

6	termDescriptor (<i>string</i>)	<p><i>An descriptor value indicating the term (e.g., Fall Semester).</i></p> <hr/> <p>Reports the Ed-Fi Code mapped to the Term being reported.</p>	M	Ed-Fi Connection Resource Preferences	EdFiMapping.edFiValue	✔
7	totalInstructionalDays (<i>number</i>)	<p><i>The total number of instructional days in the school calendar.</i></p> <hr/> <p>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</p> <ul style="list-style-type: none"> 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. 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 c. Note: When Term Descriptor Override is populated, report from the Term Descriptor Override 	M	Calendar Terms	calculated	✔

8	<p>gradingPeriods / gradingPeriodReference</p> <p>(array / reference)</p>	<p><i>Reference to the related Grading Period resource</i></p> <hr/> <p>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.</p> <ul style="list-style-type: none"> a. Grading Period End Date must be on or after Session Start Date and on or before Session End Date b. Note: When Term Descriptor Override is populated, report from the Term Descriptor Override 	O	N/A	N/A	✔
9	academicWeeks	This is optional, does not report	O	N/A	N/A	N/A

Appendix