TX Ed-Fi Suite 3 API v7.1 Data Standard v4.0: Calendars

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Summary

A set of dates associated with an organization.

Object Triggering Logic

Action	Business Rule(s)
Post	A Calendars record will be created for each Calendar/Schedule Structure combination • When a new Calendar and Schedule Structure is created and saved via the Calendar Wizard • When a new Schedule Structure in an existing Calendar is created and saved • Do not send a record if the Calendars resource is toggled 'OFF' in the Calendars Resource Preferences
Put	When fields that are not part of the natural key are changed • Type - if the type is changed on the Calendar tab • Grade Levels - when a grade level is deleted from the Grade Levels tab it will be removed from the array • Grade Levels - when a grade level is added to the Grade Levels tab and a mapping exists already for that grade level
Delete/Post	Delete if a 2nd Schedule Structure is added after 1st Calendar is sent
Delete	If a calendar and/or schedule structure is deleted

Required Resources (Upstream)

The following resources must be sent prior to this resource:

- Schools

Dependent Resources (Downstream)

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

- Calendar Dates

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.
- 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.

	Data Element Label	Business Rule(s)	Mandatory/ Conditional/ Optional	Tool Path	Database Field	Uses Core Template Rules (Y/N/EXT)

1	**CalendarCode** *(string)*	*The identifier for the Calendar.*
		
		 1. If there is only 1 schedule structure associated with the calendar, only report the Calendar ID
		 2. If there is more than 1 schedule structure associated with calendar, report the Calendar ID + Schedule Structure ID
		   a. Reports the Calendar ID-Structure ID
		     i. Report a dash between the two numbers
			M	Calendar	calendar. calendarID + schedulestructure. structureID	Y

2	**SchoolReference** *(reference)*	*A reference to the related School resource* 1. Reports the fields that are part of the Natural Key for the Schools resource	M	N/A	N/A	Y

3	**SchoolYearTypeReference** (reference)	A reference to the related School Year resource 1. Reports the End Year the calendar is associated	M	N/A	N/A	Y
4	calendarTypeDescriptor (string)	indicates the type of attendance program associated with a calendar. 1. Report mapped Ed-Fi Code of Instructional Program Type	M	Calendar		N
5	gradeLevels / gradelevelDescriptor (array / string)	Indicates the GradeLevel associated with the Calendar 1. This is optional, does not report	O	Grade Level	gradeLevel.name	N

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