DE Ed-Fi Suite v3.6.2, Data Standard v4.0: Calendar Dates

June 2025

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Summary

This entity represents a day in the school calendar.

Object Triggering Logic

Action	Business Rule(s)

Post	Reports a record when a Day has the Instruction checkbox checked **OR** when a Day Event that is mapped to an Ed-Fi Code is added to the Day.
	
	• It does not matter how Days or Day Events are created. They can be on a day-by-day basis, using the Day Reset tool, or using the Multi-Day Event Wizard tool.
	• Do not report a record if the any of the following exclusions are present:
	  ○ Calendar Exclude
	  ○ School Exclude

Delete /Post Put	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.
	
	 • When the following information is changed on Calendar Days:
	
	  ○ Day ID (New Day)
	  ○ Instruction
	  ○ Day Event(s)

Delete	• When the Day reporting no longer has a valid Ed-Fi Code to reference (Day Event was deleted or Instruction was unchecked).

Required Resources (Upstream)

The following resources must be sent prior to this resource:

• Calendars

Dependent Resources (Downstream)

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

• N/A

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)
1	**calendarReference** (*reference*)	*A reference to the Calendars resource associated with the Calendar Date being reported.* Reports the fields that are part of the Natural Key for the Calendars resource.	M	N/A	N/A	✅
2	**date** (*date*)	*The month, day, and year of the calendar event.* Reports the **Date**.	M	Calendar	Day.date	✅

3	**calendarEvents** (*array*)	*An unordered collection of calendarDateCalendarEvents. The type of scheduled or unscheduled event for the day.* • calendarEventDescriptor ○ Reports the Ed-Fi Code mapped to Instruction and /or the calendar event(s) for the day. ○ Does not report if Instruction is unchecked **AND** there are no calendar event(s) for the day.	M	Calendar	Day. instruction DayEvent. type	✅
4	cycleDescriptor	This is optional, does not report.	O	N/A	N/A	N/A - EXT
5	membershipDayValue	This is optional, does not report.	O	N/A	N/A	N/A - EXT
6	placeHolderProp	This is optional, does not report.	O	N/A	N/A	N/A - EXT
7	programLearningModalityTypes	This is optional, does not report.	O	N/A	N/A	N/A - EXT

Appendix