AZ Ed-Fi Suite v7.1, Data Standard v5.0: Calendar Dates (SY 24-25)

August 2024

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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 **OR** When the day is a weekend between the first and last instructional days of the calendar. • 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 ○ Calendar is mapped to a different calendar in the Calendar Override Mapping Tool (Found in Resource Preferences) • A maximum of one calendarEventDescriptor can report per day.

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| 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) and that day is not a weekend between the first and last instructional day.

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 or the calendar event for the day.
     ■ A maximum of one calendarEventDescriptor will report per day. This is because of a Tier 2 validation (90017).
   ○ **Weekend Day** will be reported for Saturdays and Sundays between the first and last instructional day of the calendar if a Day Event is not specified.
   ○ If a day has multiple reportable calendarEventDescriptors, we reference the following priority order to determine which to send:
     ■ Ed-Fi Code Mapped to a Day Event
       • Whichever Day Event was added most recently is the one that will report.
     ■ Instructional Day
     ■ Weekend Day | M | Calendar | Day. instruction

 DayEvent. type | ✅ |

Appendix

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