

# Locations (Arizona 7.1)

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This entity represents the physical space where students gather for a particular class/section. The location may be an indoor or outdoor area designated for the purpose of meeting the educational needs of students.

## Object Triggering Logic

This table describes logic for triggering syncing of this object.

Action	Trigger
Post	When a new Room is created and saved. <ul style="list-style-type: none"> <li>Do not send if the School is marked as Exclude.</li> </ul>
Post	When a Room Name is changed and saved.
Put	When the Maximum Number Of Seats is modified.
Delete	When a Room is deleted.
Delete/Post	When a Room Name is changed and saved.
Delete/Post	When there are two rooms with the same natural key and 1 is deleted, the other record will post with the remaining records data.

## School Exclude, Calendar Exclude, Resource Toggle and Resync Logic

This table describes the School Exclude, Calendar Exclude, Resource Toggle and Resync logic of this object.

Action	Trigger
None	If a resource is toggled to 'OFF' after data has sent, all sent data will remain in the ODS but no new data will send.
Delete	If a resource is toggled to 'OFF' after data has sent and an action is performed that would trigger a delete, that data will remain in the ODS until a resync is done.
Resync	If a record is in the Ed-Fi Identity Mapping table and not in the ODS, it will be deleted from the Ed-Fi Identity Mapping table.
Resync	If a record is in the ODS and it does not have a matching record in Campus or the Ed-Fi Identity Mapping table, it will be deleted from the ODS.
Resync	If a mapping is changed in Resource Preferences, a resync will need to be done to reflect the changes.

## Natural Key Changes, Cascading Updates, and Deletes Logic

This table describes the Natural Key Changes/Cascading Updates and Deletes logic of this object.

Action	Trigger
Delete/Post	If any of the following changes in the Schools resource: <ul style="list-style-type: none"> <li>School ID: If the Ed-Fi School Number changes</li> <li>School ID: If the State School Number changes and the Ed-Fi School Number is NULL.</li> </ul>
Delete/Post	If the Room Name changes.

## Scope Year Logic

This table describes scope year logic of this object.

Logic
Rooms are not aligned to a year so all Rooms will send to each scoped year.
Data will only send for years that have valid configuration.

## Event Queue Detail

This table describes the Event Queue Detail of this object.

Campus Table	Ed-Fi Action	Fields
rooms	Post/Put/Delete	The primary table used for sending data for this resource.

## Object Data Elements

This table describes data elements sent within the Locations resource.

Data Element Label	Business Requirements and Rules	Mandatory, Conditional or Optional	Location
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Data Element Label	Business Requirements and Rules	Mandatory, Conditional or Optional	Location
id	The unique identifier of the resource.	M	
<b>classroomIdentificationCode</b>	<p>A unique number or alphanumeric code assigned to a room by a school, school system, state, or other agency or entity.</p> <p>Reports the Room Name.</p>	M	Room Setup > Name
<b>schoolReference</b>	<p>A reference to the related School resource.</p> <p>Reports the fields that are part of the Natural Key for the School resource.</p>	M	
maximumNumberOfSeats	<p>The most number of seats the class can maintain.</p> <p>Does not report.</p>	O	
optimalNumberOfSeats	<p>The number of seats that is most favorable to the class.</p> <p>Does not report. This element is not collected.</p>	O	