

# Locations (Arizona 7.1)

Last Modified on 12/14/2025 8:45 pm CST

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 |
|--------------------|---------------------------------|------------------------------------|----------|
|--------------------|---------------------------------|------------------------------------|----------|

| 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                                  |                   |