

# **DE Ed-Fi Suite v3.6.2, Data Standard v4.0: Locations**

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## Summary

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

Action	Business Rule(s)
Post	<p>Reports a record when a Room is created and saved.</p> <ul style="list-style-type: none"> <li>• Do not report a record if the any of the following exclusions are present:               <ul style="list-style-type: none"> <li>◦ School Exclude</li> </ul> </li> </ul>
Delete /Post	<p>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.</p>
Put	<ul style="list-style-type: none"> <li>• When the following information is changed on Room:               <ul style="list-style-type: none"> <li>◦ Name</li> <li>◦ Capacity</li> </ul> </li> </ul>

Delete	<ul style="list-style-type: none"> <li>When a Room is deleted.</li> </ul>
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## Required Resources (Upstream)

The following resources must be sent prior to this resource:

- Schools (Pre-populated)

## Dependent Resources (Downstream)

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

- Sections

## 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	<b>classroomIdentificationCode</b> (string)	<p><i>A unique number or alphanumeric code assigned to a room by a school, school system, state, or other agency or entity.</i></p> <hr/> <p>Reports the <b>Name</b>.</p>	M	Room Setup	Room.name	✓
2	<b>schoolReference</b> (reference)	<p><i>A reference to the Schools resource associated with the Location being reported.</i></p> <hr/> <p>Reports the fields that are part of the Natural Key for the Schools resource.</p> <ul style="list-style-type: none"> <li>educationOrganizationId = <b>Ed-Fi School ID</b></li> </ul>	M	School Information	School.entityID	✓
3	maximumNumberOfSeats (integer)	<p><i>The greatest number of seats the class can maintain.</i></p> <hr/> <p>Reports the <b>Capacity</b>.</p>	M	Room Setup	Room.capacity	✓
4	optimalNumberOfSeats	This is optional, does not report.	O	N/A	N/A	N/A

## Appendix

