

Indiana Ed-Fi Data v2.4/3.1 - Class Periods

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This entity represents the designation of a regularly scheduled series of class meetings at designated times and days of the week.

Object Triggering Logic

This table describes logic for triggering syncing of this object.

| Action | Trigger |
|-------------|---|
| Post | When a Period Schedule is created and saved. <ul style="list-style-type: none"> A separate record will be sent for each Period Schedule/Period Name/Schedule Structure ID combination created. Do not send records if the Calendar Exclude check box is checked. Do not send a record if the School Exclude checkbox is checked. |
| Put | When any field not part of the Natural Key is changed: <ul style="list-style-type: none"> Period Start Period End |
| Delete | When a Period Schedule or Period Name is updated and saved. |
| Delete/Post | When a Period Schedule or Period is deleted. |

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"> If the School Number/Ed-Fi School Number changes, a delete/post will occur with the cascading deletes from the School ID change triggers. |
| Put | If the Period Schedule Name or Period Name Changes all resources that reference Class Periods will be updated: Section, Student Section Associations, Staff Section Associations, Grades, Student Section Attendance Events, Bell Schedules |

Scope Year Logic

This table describes scope year logic of this object.

| Logic |
|--|
| Class Periods will only send for the school year to which they are aligned. <ul style="list-style-type: none"> Data will only send for years that have valid configuration. |

Identity Mapping Object Key

This table describes the Identity Mapping Object Key of this object.

| campusObjectType | Object Key Data Source |
|------------------|------------------------|
| Period | periodID |

Event Queue Detail

This table describes the Event Queue Detail of this object.

| Campus Table | Ed-Fi Action | Fields |
|----------------|-----------------|---|
| periodschedule | Post/Put/Delete | The primary tables used for sending data for this resource. |
| period | Post/Put/Delete | The primary tables used for sending data for this resource. |

Error Log

| Error | Possible Causes/How to Fix |
|--|---|
| 409: Failed to delete classPeriods resource. [message:The resource (or a subordinate entity of the resource) cannot be deleted because it is a dependency of the 'sectionClassPeriod' entity.] | There are dependent resources in the Ed-Fi ODS so the Class Period record cannot be deleted. Use the delete tool to remove any dependent data before the course can be removed. |

Object Data Elements

This table describes data elements sent within the Class Periods resource.

| Data Element Label | Business Requirement | Business Rules | M, C or O | Data Source GUI | Database Field |
|------------------------|--|---|-----------|---|----------------------------------|
| id | The unique identifier of the resource. | | M | | |
| classPeriodName | An indication of the portion of a typical daily session in which students receive instruction in a specified subject (e.g., morning, sixth period, block period, or AB schedules). | <ol style="list-style-type: none"> 1. Report field as 'Name'. 2. Report data in field = Name as 'Period 1', 'Period 2', etc. | M | System Administration> Calendar> Calendar> Periods | period.name |
| schoolReference | A reference to the related School resource. | <ol style="list-style-type: none"> 1. Reports school as 10+District+School. 2. Report from Ed-Fi Override on School if multiple Keys and Secrets. | M | System Administration> Resources> School> State School Number System Administration> Resources> District Information > State District Number | district.Number school.number |

| Data Element Label | Business Requirement | Business Rules | M, C or O | Data Source GUI | Database Field |
|---------------------------|---|--|-----------|-----------------|----------------|
| meetingTimes | The meeting time(s) for a class period. | 1. Report if the Period being reported has both a start and end time populated. <ul style="list-style-type: none"> ◦ If blank or one is not populated, do not report. | O | | |
| officialAttendance Period | Indicator of whether this class period is used for official daily attendance. | Field is optional, does not report. | O | | |