

# Class Periods (Tennessee v5.3)

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Tool Search: Ed-Fi

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"> <li>A separate record will be sent for each Period Schedule/Period Name/Schedule Structure ID combination created.</li> <li>Do not send records if the Calendar Exclude check box is checked.</li> <li>Do not send a record if the School Exclude checkbox is checked.</li> </ul> |
| Put         | When any field not part of the Natural Key is changed: <ul style="list-style-type: none"> <li>Period Start</li> <li>Period End</li> </ul>   |
| 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"> <li>If the School Number/Ed-Fi School Number changes, a delete/post will occur with the cascading deletes from the School ID change triggers.</li> </ul> |

| Action              | Trigger   |
|---------------------|---|
| Delete/Post         | If Period Schedule Name or Period Name Changes.   |
| Dependent Resources | There is not a cascading delete option in Class Periods because all dependent data in Campus would need to be removed before a Class Period could be deleted from the Period Schedule. Section, Student Section Associations, Staff Section Associations, Grades, Student Section Attendance Events |

## Scope Year Logic

This table describes scope year logic of this object.

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

## 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.<br>[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         |  |  |
| <b>classPeriodName</b>  | 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).<br>NEDM: Class Period | 1. Report the Period Schedule Name + Period Name + Schedule Structure ID.<br>◦ Report a space between each value.  | M         | System Administration> Calendar> Calendar> Periods System Administration> Calendar> Calendar> Schedule Structure | periodschedule.name + period.name + schedulestructure.structui |
| <b>schoolReference</b>  | A reference to the related School resource.  | Reports the fields that are part of the Natural Key for the Schools resource.  | M         | System Administration> Resources> School> State School Number  | school.number  |
| meetingTimes  | The meeting time(s) for a class period.  | 1. Report if the Period being reported has both a start and end time populated.<br>◦ If blank or one is not populated, do not report.<br>2. See Array section below for logic. | O         |  |  |
| officialAttendance Period   | Indicator of whether this class period is used for official daily attendance.  | Field is optional, does not report.  | O         |  |  |
| <b>_ext.tdoe.submitted ForSchoolYearType Reference.schoolYear</b> | Indicates the school year for which the record is reporting.   | Using the End Year tied to the calendar, report the year.  | M         | System Administration > Calendar > Calendar  | schoolYear.endYear   |

| Data Element Label  | Business Requirement                                  | Business Rules  | M, C or O | Data Source GUI   | Database Field  |
|---|---|---|-----------|---|-----------------|
| <b>_ext.tdoe.submittedBy EducationOrganization Reference.education OrganizationID</b> | The identifier assigned to an education organization. | Populate State District Number + State School Number. | M         | System Administration > Resources > District Information System Administration > Resources > School | district.number |

## Arrays

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