

# Class Periods (Nebraska v3.6)

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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"> <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.                                       |

| Action | Trigger  |
|--------|--|
| 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 ID changes, all data will remain under the old number and a resync will need to be completed to populate data under the new number. The delete tool would need to be used to remove all data from the old School ID.</li> </ul> |
| Delete/Post | If Period Schedule Name or Period Name Changes.   |

## 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"> <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. |

## Object Data Elements

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

| Data Element Label     | Business Requirement   | M, C or O | Data Source GUI Database Field   |
|------------------------|--|-----------|--|
| id                     | Id<br><br>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><br>Report the Period Schedule Name + Period Name + Schedule Structure ID.<br><br>Report a space between each value. | M         | System Administration> Calendar> Calendar> Periods<br>System Administration> Calendar> Calendar> Schedule Structure<br><br>periodschedule.name +<br>period.name +<br>schedulestructure.structureID |
| <b>schoolReference</b> | A reference to the related School resource.<br><br>Reports the fields that are part of the Natural Key for the Schools resource.   | M         | System Administration> Resources> School> State School Number<br><br>school.number   |

| Data Element Label       | Business Requirement  | M, C or O | Data Source GUI Database Field |
|--------------------------|---|-----------|--------------------------------|
| meetingTimes             | <p>The meeting time(s) for a class period.</p> <p>Report if the Period being reported has both a start and end time populated</p> <p>If blank or one is not populated, do not report.</p> <p>See <a href="#">Array</a> section below for logic.</p> | O         |                                |
| officialAttendancePeriod | <p>Indicator of whether this class period is used for official daily attendance.</p> <p>Field is optional, does not report</p>  | O         |                                |

## Arrays

► [Click here to expand...](#)

## Meetings Times

| Data Element Label | Business Requirement  | M, C or O | Data Source GUI Database Field   |
|--------------------|---|-----------|--|
| endTime            | <p>An indication of the time of day the meeting time ends.</p> <p>Report the end time of the period being reported.</p>     | M         | <p>System Administration&gt; Calendar&gt; Calendar&gt; Periods</p> <p>period.endTime</p>   |
| startTime          | <p>An indication of the time of day the meeting time begins.</p> <p>Report the start time of the period being reported.</p> | M         | <p>System Administration&gt; Calendar&gt; Calendar&gt; Periods</p> <p>period.startTime</p> |

