

MN v3.3 - Student Section Associations

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[Object Triggering Logic](#) | [School Exclude, Calendar Exclude, Resource Toggle and Resync Logic](#) | [Natural Key Changes, Cascading Updates, and Deletes Logic](#) | [Scope Year Logic](#) | [Event Queue Detail](#) | [Object Data Elements](#) | [Types/Descriptors](#) | [Resource Preferences](#)

Classic View: System Administration > Ed-Fi

Search Terms: Ed-Fi

This association indicates the course sections to which a student is assigned.

Object Triggering Logic

This table describes logic for triggering syncing of this object.

| Action | Trigger |
|-------------|---|
| Post | <p>When a student is scheduled into a course section.</p> <ul style="list-style-type: none"> A record will report for each Section record that is reported based on the Sections logic. If roster start date is after the term end date, do not report a record for the prior term. Only send records if the student has a enrollment in the schedule structure where the student is scheduled and is not marked as No Show or State Exclude. Do not send records if the Calendar Exclude check box is checked. Do not send records if the School Exclude check box is checked. Do not send records if the Course is marked as Inactive or Exclude. |
| Post | Send a new record if a student's roster start date is changed. |
| Put | <p>When section information is updated for a student or section.</p> <ul style="list-style-type: none"> Update when the course or section's homeroom field is changed. |
| Delete | When a student is deleted from a course section. |
| Delete | <p>Delete any future records if the student is given a roster end date for the course.</p> <ul style="list-style-type: none"> Roster End Date must be before Term Start date of future records. |
| Delete/Post | Delete the record if a student's roster start date is changed. |

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. |
| 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 | <p>Natural Key change:</p> <ul style="list-style-type: none"> The natural key logic from Sections and Students will update this resource if they change. If the students Begin Date changes. |

| Action | Trigger |
|-------------|---|
| Delete/Post | If the natural key changes all dependent data will delete/post. <ul style="list-style-type: none"> Student Section Attendance Events, Grades |

Scope Year Logic

This table describes scope year logic of this object.

| Logic |
|---|
| Reports records in the scope year in which the course/section's calendar is aligned. <ul style="list-style-type: none"> 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 |
|--------------|-----------------|--|
| roster | Post/Put/Delete | The primary table used for sending data for this resource. |
| roster | Put | End date |
| terms | Put | End date |
| course | Put | homeroom |
| section | Put | homeroom |

Object Data Elements

This table describes data elements sent within the Student Section Association resource.

| Data Element Label | Business Requirement | Business Rules | M, C or O | Data Source GUI Path | Database Field |
|--------------------|--|---|-----------|---|---|
| id | The unique identifier of the resource. | | M | | |
| beginDate | Month, day and year of the student's entry or assignment to the section. If blank, default is the start date of the first grading period. | <ol style="list-style-type: none"> Report the roster start date for the term record in which the start date occurs. <ul style="list-style-type: none"> For any records in the future terms for that course, use the earliest term start date. If Start Date is NULL, report the earliest term start date associated with the term descriptor selected for this section based on section schedule placement. | M | Student Information> General> Schedule> Roster Start Date OR System Administration> Calendar> Calendar> Terms | roster. startdate or terms. startdate |
| section Reference | A reference to the related Section resource. | <ol style="list-style-type: none"> Reports the fields that are part of the Natural Key for the Section resource. | M | | |

| Data Element Label | Business Requirement | Business Rules | M, C or O | Data Source GUI Path | Database Field |
|------------------------------------|--|--|-----------|---|---------------------------------------|
| student Reference | A reference to the related Student resource. | 1. Reports the fields that are part of the Natural Key for the Student resource. | M | | |
| attemptStatus Descriptor | An indication of the student's attempt status for the section. | 1. This is optional, does not report. | O | | |
| endDate | Month, day, and year of the withdrawal or exit of the student from the section. | 1. Report the roster end date for the student. <ul style="list-style-type: none"> If a roster end date is entered, delete any records for future terms for that section. 2. If NULL, report the latest term start date associated with the term descriptor selected for this section based on section schedule placement. | O | Student Information> General> Schedule> Roster End Date OR System Administration > Calendar> Calendar > Terms | roster. endDate or terms. endDate |
| homeroom Indicator | Indicator that the class is the student's designated homeroom used for daily attendance reporting. | 1. Report "True" if the check box is checked on either the Section or the Course to which the section is assigned. 2. Else, report False. | O | Scheduling> Course > Homeroom or Scheduling> Course> Section> Homeroom | course. homeroom or section. homeroom |
| repeatIdentifier Type | An indication as to whether a student has previously taken a given course. NEDM: Repeat Identifier Repeated, counted in grade point average Repeated, not counted in grade point average Not repeated Other. | 1. Does not report, this data is not collected in Campus. | O | | |
| teacherStudent DataLink Exclusion | Indicates that the student-section combination is excluded from calculation of value-added or growth attribution calculations used for a particular teacher evaluation. | 1. Does not report, this data is not collected in Campus. | O | | |
| section Enrollment Type Descriptor | The Section enrollment type. | Report the mapped value. 1. If no value exists, or is not mapped, do not report | C | Course > Section Enrollment Type | |

| Data Element Label | Business Requirement | Business Rules | M, C or O | Data Source GUI Path | Database Field |
|--------------------------|--|---|-----------|--|---|
| collegeCourse Reference | <p>courseCode: A unique alphanumeric code assigned to a course.</p> <p>educationOrganizationId: The identifier assigned to an education organization.</p> | <p>courseCode:</p> <ol style="list-style-type: none"> Report the value. <p>educationOrganizationId:</p> <ol style="list-style-type: none"> Report the Ed-Fi School ID. If Ed-Fi School ID is NULL, report: <ul style="list-style-type: none"> ttdddddssmmm where: <ul style="list-style-type: none"> tt = district type dddd = district number, left zero filled sss = school number, left zero filled mmm = 000 for all organizations reported in Ed-Fi | M | <p>courseCode: Course > Number</p> <p>educationOrganizationId: System Administration > Resources > School > school record > Ed-Fi School ID</p> <p>tt: System Administration > Resources > District Information > district record > Type</p> <p>dddd: System Administration > Resources > District Information > district record > State District Number</p> <p>SSS: System Administration > Resources > School > school record > State School Number</p> | <p>courseCod</p> <ul style="list-style-type: none"> • Cours <p>educationC</p> <ul style="list-style-type: none"> • Schoc • Distri • Distri • Schoc |
| instructional Approaches | <p>An unordered collection of student Section Association Instructional Approaches. Instructional approach as implemented for the student section association. General purpose but initially implemented for Early Education.</p> <p>instructionalApproachDescriptor: Instructional approach.</p> <p>implementationStatusDescriptor: Status of implementation of the instructional approach.</p> | <p>Report the mapped value.</p> <ol style="list-style-type: none"> If no value exists, or is not mapped, do not report. | M C | <p>instructionalApproach Descriptor: Course > Inst. Approach and Implementation</p> <p>implementationStatus Descriptor: Course > Inst. Approach and Implementation</p> | <p>instruction Descriptor Course.eel AndImp / C value</p> <p>implement Descriptor Course.eel AndImp / C value</p> |
| siteBased Initiatives | <p>An unordered collection of student Section Association SiteBased Initiatives. Site-based initiative as implemented for the student section association. General purpose but initially implemented for Early Education.</p> <p>siteBasedInitiativeDescriptor: Site-based initiative.</p> <p>implementationStatusDescriptor: Status of implementation of the site-based initiative.</p> | <p>Report the mapped value.</p> <ol style="list-style-type: none"> If no value exists, or is not mapped, do not report. | M C | <p>siteBasedInitiative Descriptor: Course > Site-Based Initiative and Impl.</p> <p>implementationStatus Descriptor: Course > Inst. Approach and Implementation</p> | <p>siteBasedI Descriptor Course.ee InitAndImp CustomCo</p> <p>implement Descriptor Course.eel AndImp / CustomCo</p> |
| etag | A unique system-generated value that identifies the version of the resource. | | O | | |

Types/Descriptors

▶ [Click here to expand...](#)

Resource Preferences

The Ed-Fi Configuration tool is used to establish Ed-Fi data resources.

The following describes how to enable the Student Section Association resource for Ed-Fi reporting. If the Configure or Edit buttons do not display, then the resource does not need to be mapped and the toggle button can be used to turn the resource on or off.

If a mapping is changed, a resync must be performed on the resource in order for the new mappings to send correctly.

1. Select the appropriate **Ed-Fi Code** for the Implementation Status Descriptors. To view a full list of the Descriptors, please see the [Student Section Associations Data Resource](#) article.

Any item not mapped will not report to Ed-Fi.

Course Inst. Approach and Implementation

| | |
|----------------------|---|
| Attribute Dictionary | System Administration > Custom > Attribute Dictionary > Course > Curriculum and Implementation |
| UI Location | Scheduling > Course > Inst. Approach and Implementation Scheduling > Course > Site-Based Initiative and Implementation |

| Course Inst. Approach and Implementation | Ed-Fi Code |
|--|--|
| ABA CBEG: Applied Behavior Analysis Beginning (COE ONLY) | CBEG: Beginning - Centers of Excellence On ▼ |
| ABA CEXP: Applied Behavior Analysis Expanding (COE ONLY) | CEXP: Expanding - Centers of Excellence Ot ▼ |
| ABA CMNT: Applied Behavior Analysis Maintaining (COE ONLY) | CMNT: Maintaining - Centers of Excellence ▼ |
| ABA FULL: Applied Behavior Analysis Full Implementation | FULL: Full Implementation ▼ |
| ABA X: Applied Behavior Analysis Does not apply | X: Does not apply ▼ |
| ABA YR1: Applied Behavior Analysis Initial Implementation Year 1 | YR1: Initial Implementation Year 1 ▼ |
| ABA YR2: Applied Behavior Analysis Initial Implementation Year 2 | YR2: Initial Implementation Year 2 ▼ |
| DR CBEG: Dialogic Reading Beginning (COE ONLY) | CBEG: Beginning - Centers of Excellence On ▼ |
| DR CEXP: Dialogic Reading Expanding (COE ONLY) | CEXP: Expanding - Centers of Excellence Ot ▼ |
| DR CMNT: Dialogic Reading Maintaining (COE ONLY) | CMNT: Maintaining - Centers of Excellence ▼ |
| DR FULL: Dialogic Reading Full Implementation | FULL: Full Implementation ▼ |
| DR X: Dialogic Reading Does not apply | X: Does not apply ▼ |
| DR YR1: Dialogic Reading Initial Implementation Year 1 | YR1: Initial Implementation Year 1 ▼ |
| DR YR2: Dialogic Reading Initial Implementation Year 2 | YR2: Initial Implementation Year 2 ▼ |
| ISB CBEG: Interactive Shared Book Reading Beginning (COE ONLY) | CBEG: Beginning - Centers of Excellence On ▼ |
| ISB CEXP: Interactive Shared Book Reading Expanding (COE ONLY) | CEXP: Expanding - Centers of Excellence Ot ▼ |

| Course Site-Based Initiative and Impl. | Ed-Fi Code |
|---|--|
| CEM CBEG: Classroom Engagement Beginning (COE ONLY) | CBEG: Beginning - Centers of Excellence On ▼ |
| CEM CEXP: Classroom Engagement Expanding (COE ONLY) | CEXP: Expanding - Centers of Excellence On ▼ |
| CEM CMNT: Classroom Engagement Maintaining (COE ONLY) | CMNT: Maintaining - Centers of Excellence ▼ |
| CEM FULL: Classroom Engagement Full Implementation | FULL: Full Implementation ▼ |
| CEM X: Classroom Engagement Does not apply | X: Does not apply ▼ |
| CEM YR1: Classroom Engagement Initial Implementation Year 1 | YR1: Initial Implementation Year 1 ▼ |
| CEM YR2: Classroom Engagement Initial Implementation Year 2 | YR2: Initial Implementation Year 2 ▼ |
| CLASS CBEG: The Classroom Assessment Scoring System (CLASS) (Teachstone) Beginning (COE ONLY) | CBEG: Beginning - Centers of Excellence On ▼ |
| CLASS CEXP: The Classroom Assessment Scoring System (CLASS) (Teachstone) Expanding (COE ONLY) | CEXP: Expanding - Centers of Excellence On ▼ |
| CLASS CMNT: The Classroom Assessment Scoring System (CLASS) (Teachstone) Maintaining (COE ONLY) | CMNT: Maintaining - Centers of Excellence ▼ |
| CLASS FULL: The Classroom Assessment Scoring System (CLASS) (Teachstone) Full Implementation | FULL: Full Implementation ▼ |
| CLASS X: The Classroom Assessment Scoring System (CLASS) (Teachstone) Does not apply | X: Does not apply ▼ |
| CLASS YR1: The Classroom Assessment Scoring System (CLASS) (Teachstone) Initial Implementation Year 1 | YR1: Initial Implementation Year 1 ▼ |
| CLASS YR2: The Classroom Assessment Scoring System (CLASS) (Teachstone) Initial Implementation Year 2 | YR2: Initial Implementation Year 2 ▼ |
| FGRBI CBEG: Family Guided Routines Based Interventions Beginning (COE ONLY) | CBEG: Beginning - Centers of Excellence On ▼ |
| FGRBI CEXP: Family Guided Routines Based Interventions Expanding (COE ONLY) | CEXP: Expanding - Centers of Excellence On ▼ |

2. Select the appropriate **Ed-Fi Code** for the Instructional Approach Descriptors. To view a full list of the Descriptors, please see the [Student Section Associations Data Resource article](#).

| Course Inst. Approach and Implementation | |
|--|--|
| Attribute Dictionary | System Administration > Custom > Attribute Dictionary > Course > Inst. Approach and Implementation |
| UI Location | Scheduling > Course > Inst. Approach and Implementation |

| Instructional Approach Descriptors | |
|--|--|
| Course Inst. Approach and Implementation | Ed-Fi Code |
| ABA CBEG: Applied Behavior Analysis Beginning (COE ONLY) | ABA: Applied Behavior Analysis ▼ |
| ABA CEXP: Applied Behavior Analysis Expanding (COE ONLY) | ABA: Applied Behavior Analysis ▼ |
| ABA CMNT: Applied Behavior Analysis Maintaining (COE ONLY) | ABA: Applied Behavior Analysis ▼ |
| ABA FULL: Applied Behavior Analysis Full Implementation | ABA: Applied Behavior Analysis ▼ |
| ABA X: Applied Behavior Analysis Does not apply | ABA: Applied Behavior Analysis ▼ |
| ABA YR1: Applied Behavior Analysis Initial Implementation Year 1 | ABA: Applied Behavior Analysis ▼ |
| ABA YR2: Applied Behavior Analysis Initial Implementation Year 2 | ABA: Applied Behavior Analysis ▼ |
| DR CBEG: Dialogic Reading Beginning (COE ONLY) | DR: Dialogic Reading ▼ |
| DR CEXP: Dialogic Reading Expanding (COE ONLY) | DR: Dialogic Reading ▼ |
| DR CMNT: Dialogic Reading Maintaining (COE ONLY) | DR: Dialogic Reading ▼ |
| DR FULL: Dialogic Reading Full Implementation | DR: Dialogic Reading ▼ |
| DR X: Dialogic Reading Does not apply | DR: Dialogic Reading ▼ |
| DR YR1: Dialogic Reading Initial Implementation Year 1 | DR: Dialogic Reading ▼ |
| DR YR2: Dialogic Reading Initial Implementation Year 2 | DR: Dialogic Reading ▼ |
| ISB CBEG: Interactive Shared Book Reading Beginning (COE ONLY) | ISB: Interactive Shared Book Reading ▼ |

3. Select the appropriate **Ed-Fi Code** for the Section Enrollment Type Descriptors. To view a full list of the Descriptors, please see the [Student Section Associations Data Resource article](#).

| Section Enrollment Type | |
|-------------------------|--|
| Attribute Dictionary | System Administration > Custom > Attribute Dictionary > Course > Section Enrollment Type |
| UI Location | Scheduling > Course > Section > Enrollment Type |

| Section Enrollment Type Descriptors | |
|-------------------------------------|-----------------------|
| Section Enrollment Type | Ed-Fi Code |
| AI: ALC Independent Study | AI: ALC_IND_STUDY ▼ |
| DP: PSEO Direct Pay | DP: DIRECT_PAY_PSEO ▼ |
| OP: PSEO Offsite | OP: OFFSITE_PSEO ▼ |
| PB: Project Based | PB: PROJECT_BASED ▼ |
| SC: Scheduled | SC: SCHEDULED ▼ |

4. Select the appropriate **Ed-Fi Code** for the Site Based initiative Descriptors. To view a full list of the Descriptors, please see the [Student Section Associations Data Resource article](#).

| Course Site Based Initiative and Impl | |
|---------------------------------------|--|
| Attribute Dictionary | System Administration > Custom > Attribute Dictionary > Course > Site-Based Initiative and Impl. |
| UI Location | Scheduling > Course > Site-Based Initiative and Impl. |

| Site Based Initiative Descriptors | |
|---|---|
| Course Site-Based Initiative and Impl. | Ed-Fi Code |
| CEM CBEG: Classroom Engagement Beginning (COE ONLY) | <input type="text"/> |
| CEM CEXP: Classroom Engagement Expanding (COE ONLY) | <input type="text"/> |
| CEM CMNT: Classroom Engagement Maintaining (COE ONLY) | <input type="text"/> |
| CEM FULL: Classroom Engagement Full Implementation | <input type="text"/> |
| CEM X: Classroom Engagement Does not apply | <input type="text"/> |
| CEM YR1: Classroom Engagement Initial Implementation Year 1 | <input type="text"/> |
| CEM YR2: Classroom Engagement Initial Implementation Year 2 | <input type="text"/> |
| CLASS CBEG: The Classroom Assessment Scoring System (CLASS) (Teachstone) Beginning (COE ONLY) | CLASS: The Classroom Assessment Scoring System (CLASS) (Teachstone) Beginning (COE ONLY) ▼ |
| CLASS CEXP: The Classroom Assessment Scoring System (CLASS) (Teachstone) Expanding (COE ONLY) | CLASS: The Classroom Assessment Scoring System (CLASS) (Teachstone) Expanding (COE ONLY) ▼ |
| CLASS CMNT: The Classroom Assessment Scoring System (CLASS) (Teachstone) Maintaining (COE ONLY) | CLASS: The Classroom Assessment Scoring System (CLASS) (Teachstone) Maintaining (COE ONLY) ▼ |
| CLASS FULL: The Classroom Assessment Scoring System (CLASS) (Teachstone) Full Implementation | CLASS: The Classroom Assessment Scoring System (CLASS) (Teachstone) Full Implementation ▼ |
| CLASS X: The Classroom Assessment Scoring System (CLASS) (Teachstone) Does not apply | CLASS: The Classroom Assessment Scoring System (CLASS) (Teachstone) Does not apply ▼ |
| CLASS YR1: The Classroom Assessment Scoring System (CLASS) (Teachstone) Initial Implementation Year 1 | CLASS: The Classroom Assessment Scoring System (CLASS) (Teachstone) Initial Implementation Year 1 ▼ |
| CLASS YR2: The Classroom Assessment Scoring System (CLASS) (Teachstone) Initial Implementation Year 2 | CLASS: The Classroom Assessment Scoring System (CLASS) (Teachstone) Initial Implementation Year 2 ▼ |