

# Core SIF - StudentSectionMarks

Last Modified on 12/14/2025 8:45 pm CST

Tool Search: SIF

The current version of SIF is v2.7.

This object contains the marks entered for a student in a class section for a specific marking period.

SIF\_Events are reported for this object.

## Object Triggering

Event Type	Requirement
Add	Adding a Grading task to an existing course that is tied to a student section mark's section.
Add/Change	Any changes to the GradingScore, GradingTask will trigger a change/add event as appropriate.
	Check relevant columns (any change to the following columns will trigger a change): Grading Score = Score, Percent and Comments Grading Task = State Reported Grading Task Credit = Score Group
Add/Delete	Checking/unchecking course.active.
Add/Delete	When student's Enrollment is added/deleted.
Add/ Delete	When the Enrollment becomes excluded/unexcluded based on the Zone Options.
Delete	When the Roster is removed.
Add	When the Score and Percent used to be null and one is changed to not null.
Delete	When the Score or Percent used to be not null and they are now both null.

## Object Population and Business Rules

Requirement
When (Scheduling>Courses>Course>Active) is set to checked, report all applicable StudentSectionMarks instances for the students enrolled in the course.
When (Scheduling>Courses>Course>Active) NOT = Checked, do not report a StudentSectionMarks object for the marks given to the students in this course.

## Requirement

Will not report when:

1. Any course with a state code marked as "Exempt" or if null
2. If course is marked Exclude in a calendar
3. Student is enrolled into only a non-primary enrollment, and the SIF Zone Option has "Exclude All Secondary Enrollments" = Checked.
4. Exclude No Show Enrollments is checked
5. Exclude All State Exclude Enrollments is checked

Add events will only be generated for objects that also report SectionInfo

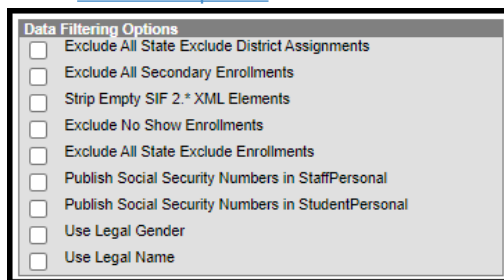
We will only report calendar associated with the Active school year

- The score is specifically tied to a section, so if the student switches sections, this object only applies to the one section.
- For being rostered in a section, we look to see if they were rostered in the section for that score at all. No dates are checked.

Do Not Report when the Calendar > 'Exclude from SIF Exchange' is selected.

A Natural RefId is not created for this object, it is created by a compilation of IDs. Users can use other IDs within the object to run batch.

Follow [SIF Zone Options](#) Rules for Zones:



The screenshot shows a dialog box titled "Data Filtering Options" with the following options:

- ☐ Exclude All State Exclude District Assignments
- ☐ Exclude All Secondary Enrollments
- ☐ Strip Empty SIF 2.\* XML Elements
- ☐ Exclude No Show Enrollments
- ☐ Exclude All State Exclude Enrollments
- ☐ Publish Social Security Numbers in StaffPersonal
- ☐ Publish Social Security Numbers in StudentPersonal
- ☐ Use Legal Gender
- ☐ Use Legal Name

## Object Data Elements

Data Element Label	Description	Business Rules	Data Source GUI Path	Database Field	M, C or O

@RefId	A GUID that identifies an instance of this object. This RefId is new for 2.7M and MUST be supported like other objects that have a RefId (i.e. it is the key for the object). The alternate keys MUST continue to be supported.			Core: GradingScore.scoreID, District.districtGUID, MA: Roster.personID, Term.termID, District.districtGUID	M
@StudentPersonalRefId	The Id (GUID) that uniquely identifies the StudentPersonal object that this item refers to.				M
@SectionInfoRefId	The Id (GUID) that uniquely identifies the SectionInfo object that this item refers to.				M
@TermInfoRefId	The Id (GUID) that identifies the marking period that the following marks are recorded in.				M
@SchoolInfoRefId	The Id (GUID) that uniquely identifies the School that these Mark Values apply to.				M
IsFinal	Indicates if the grades are "Final" from the perspective of the teacher or school. Does not mean that change events will not occur for this item.	Reports "true" (For posted/final grade and not in-progress grade)			M

MarkList	A list of marks received for this student in this section. For each Mark entry, at least one of the sub-elements must be specified.				M
MarkList/Mark	Outer wrapper for marks reported for this section, in this term.		Student Information > General > Grades		MR
MarkList/Mark/@MarkInfoRefId	The Id (GUID) that identifies a mark that was given for this student.				M
MarkList/Mark/Percentage	The percent score for this mark (0.00 - 100.00).		Instruction > Grading By Task   Student	GradingScore.percent	C
MarkList/Mark/Numeric	The raw numeric score for this mark.		Instruction > Grading By Task   Student	GradingScore.score	C
MarkList/Mark/Letter	The letter grade for this mark.		Instruction > Grading By Task   Student	GradingScore.score	C (MA -M)
MarkList/Mark/Narrative	The free form text narrative for this mark.		Instruction > Grading By Task   Student	GradingScore.comments	C