

Section Mark Info

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Section Mark Info

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Summary

This object defines the marking periods (TermInfo) that marks (StudentSectionMarks) are recorded in for a particular section (SectionInfo) and lists the types of marks (MarkTypeInfo) that are valid for that marking period (TermInfo).

SIF_Events are reported for this object.

v4.3- <http://specification.sifassociation.org/Implementation/NA/4.3/GradeBookWorkingGroup.html#377SectionMarkInfo>

Batch Condition

1. Existing SIF_Condition elements to support:
 - a. @RefId
 - b. @SectionInfoRefId
 - c. @SchoolInfoRefId
-

Object Triggering Logic

Action	Business Rule(s)
Add	<ol style="list-style-type: none">1. When a Grading Task or Standard with "State Reported = Checked" is added to the course.2. When a Grading Task or Standard attached to the course with "State Reported NOT = Checked" has "State Reported" set to = Checked.3. The Course>Active checkbox is set to checked.
Change	<ol style="list-style-type: none">1. When a Grading Task or Standard attached to the course with "State Reported = Checked" has a score group change.2. When the Term Mark checkboxes are modified for the Grading Task/Standard for the course.
Delete	<ol style="list-style-type: none">1. When a Grading Task or Standard attached to the course with "State Reported = Checked" is deleted.2. When a Grading Task or Standard attached to the course with "State Reported = Checked" has "State Reported" set to NOT = Checked.3. The Course>Active checkbox is unchecked.4. When the only existing Term Mark checkboxes is unchecked for the Grading Task/Standard for the course.

Object Population and Business Rules

#	Requirement
R1	<ol style="list-style-type: none">1. Report only the marks from a Grading Task or Standard that has the term mask checked for the term, and only for those terms in which the section is scheduled.<ol style="list-style-type: none">a. A mark will be reported for each that populates a StudentSectionMarks object for a student in the section.2. Report 1 SectionMarkInfo for each section. Within a SectionMarkInfo, each grading score group will be represented by a MarkInfoRefId3. Report 1 unique RefId for each district and only send one value on each SSM and SectionMarkInfo.
R2	Must have SIF Configuration for the Object

Object Data Elements Logic

	Data Element Label	Business Rule(s)	M/ C/ O	Data Source GUI Path	Database Field
1	@RefId	<p><i>A GUID that identifies an instance of the object.</i></p> <hr/> <p>Calculated</p>	M		Section. sectionID
2	@SectionInfoRefId	<p><i>The Id (GUID) that uniquely identifies the SectionInfo object that this item refers to.</i></p> <hr/> <p><i>Reference to the applicable SectionInfo.</i></p>	M		Section. sectionID
3	@SchoolInfoRefId	<p><i>The Id (GUID) that uniquely identifies the School that these Mark Values apply to.</i></p> <hr/> <p><i>Reference to the applicable SchoolInfo.</i></p>	M		School. schoolID
4	TermMarkLists (List)	<i>Parent container for MarkInfoList.</i>	M		
5	TermMarkLists/ MarkInfoList (List)	<i>The grading-related information for a section, repeating for each marking period (TermInfo) in which the section reports Marks.</i>	MR		
6	TermMarkLists/ MarkInfoList/ @TermInfoRefId	<p><i>The Id (GUID) that identifies the marking period that the following marks are recorded in.</i></p> <hr/> <p><i>Reference to the applicable TermInfo</i></p>	M		Term.termID

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7	TermMarkLists/ MarkInfoList/ MarkInfoRefId	<i>The Id (GUID) that identifies a mark that this class uses for grading.</i> Repeatable - Report 1 unique RefId for each district and only send one value on each SSM and SectionMarkInfo.	MR		School. schoolID, ScoreGroup. scoreGroupID
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JSON Sample

```
{
  "SectionMarkInfo": {
    "RefId": "359D75101AD0A9D7A8C3DAD0A85103A2",
    "SectionInfoRefId": "11737E214A7C46BDBA4301CADCA75C87",
    "SchoolInfoRefId": "11737EA4301CADCA75C87214A7C46BDB",
    "TermMarkLists": {
      "MarkInfoList": [
        {
          "TermInfoRefId": "BDBA4301CA1A7C461737DCA75C87E214",
          "MarkInfoRefId": [
            "A7C46BDBA4301CA11737E214DCA75C87",
            "BA4301CADCA75C8711737E214A7C46BD"
          ]
        },
        {
          "TermInfoRefId": "01CA1BDBA43A7C461737DCA75C87E214",
          "MarkInfoRefId": [
            "A7C46BDBA4301CA11737E214DCA75C87",
            "BA4301CADCA75C8711737E214A7C46BD"
          ]
        }
      ]
    }
  }
}
```

Appendix