GA Ed-Fi Suite v3.6.2, Data Standard v4.0: Student Language Instruction Program Associations

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Summary

This association represents the Title III Language Instruction for Limited English Proficient and Immigrant Students program(s) that

a student participates in or from which the student receives services.

Object Triggering Logic

Action	Business Rule(s)

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Post	Report a record when a student has an EL record with a Program Status of: EL, Exited EL, or Not EL (Must have a corresponding EL Service of type "EL-I: Student incorrectly reported as EL" to report Not EL) **AND** an enrollment that overlaps the current configured year.
	
	 • Do not report a record if the any of the following exclusions are present:
	    ○ Enrollment State Exclude
	    ○ Enrollment No Show
	    ○ Enrollment Grade Exclude from State Reporting
	    ○ Calendar Exclude
	    ○ School Exclude
	 • The Programs record must exist in the ODS prior to sending a Student Language Instruction Program Associations record.
	    ○ If the Programs record does not already exist in the ODS, the Programs record will be sent prior to the Student Language Instruction Program Associations record.
	 • If there are multiple enrollments, use the following priority list to determine which one should report:
	    ○ Primary > Partial > SPED
	    ○ Earliest Start Date
	    ○ Latest Enrollment ID
	 • Only reports the **most recent EL record**. No historical EL records will report.

Delete / Post
 	
Put
	A DELETE / POST will be performed if the data element being altered is part of the resource's natural key. A PUT will be performed otherwise.
	
	• When the following EL Program information changes:
	
	   ◦ Program Status
	   ◦ Identified Date
	   ◦ Program Exit Date
	   ◦ Exit Reason
	   ◦ First Year Monitoring
	   ◦ Second Year Monitoring
	   ◦ Third Year Monitoring
	   ◦ Fourth Year Monitoring
	• When the following EL Services information changes:
	
	   ◦ EL Services ID (New EL Service)
	   ◦ Service Type
	   ◦ Start Date
	   ◦ End Date
	• When the following Enrollment information changes:
	
	   ◦ Enrollment ID (New Enrollment)
	   ◦ Start Date
	   ◦ End Date
	   ◦ No Show
	   ◦ State Exclude

Delete	• When the enrollment being reported off of is deleted. • When the enrollment is changed to no longer overlap the configured year. • When the student is excluded through their enrollment, calendar, grade level, or school. • When the EL record being reported off of is deleted. • When the EL record is changed to no longer overlap the configured year.

Required Resources (Upstream)

The following resources must be sent prior to this resource:

- Students
- Student School Associations
- Programs (Pre-populated)
- Local Education Agencies (Pre-populated)

Dependent Resources (Downstream)

The following resources are dependent on this resource (must be sent after this resource):

- N/A

Error Log

The following are potential Tier 1 (Ed-Fi API generated) or custom (Campus generated) errors you may receive when posting, updating, or deleting this resource.

Please keep in mind that the "Error Message" below may not match your exact error message.

Error Message	Possible Causes / How to Fix
400: Validation of '**RESOURCE**' failed. **FIELD** is required.	An element of the JSON that is required is missing and needs to be added. - Double check that all bolded data elements below are reporting a valid value and no data elements below are reporting an invalid value.
400: '**RESOURCE**' failed. **RESOURCE** reference could not be resolved.	A resource that was referenced from a difference resource does not yet exist. - Resync the resource being mentioned in the error, then resync the errored resource. Alternatively, the resource being referenced may be incorrect. This can happen with Schools and the Ed-Fi School ID being used as an example. Double check the referenced values being sent are valid.

403: Authorization denied. The claim does not have any established relationships with the requested resource.	The key/secret being used does not have permission to send a record for the resource / referenced resource. • Double check your API credentials (key/secret). Sometimes specific keys/secrets cannot report specific resources. • The referenced person (student, staff, parent, contact, etc.) has not yet been associated to the key /secret. Resync their "linking" resource (Students Student School Associations, Staffs Staff Education Organization Assignment Associations, etc.) then resync the errored resource. • The referenced person (student, staff, parent, contact, etc.) may not exist in the ODS yet. Resync the "person" resource and the "linking" resource (Students Student School Associations, Staffs Staff Education Organization Assignment Associations, etc.) then resync the errored resource.
404: Failed to delete '**RESOURCE**'. Record does not exist.	The attempt to delete a specific Ed-Fi record ID in the ODS failed because it did not exist. • This error can be ignored. The ID was cleared from the Ed-Fi Identity Mapping Report and will not attempt to delete again.
409: A natural key conflict occurred when attempting to create a new resource '**RESOURCE**' with a duplicate key.	The Ed-Fi API has a natural key system alongside a standard REST ID system. This error is often protecting against the erroneous creation of a duplicate record in the API. However, it may also indicate that the natural key requirements of the Ed-Fi API have not been satisfied, and the key needs to be modified. • Check for duplicate data in your Campus site. If no duplicate data can be found, report the issue to Campus Support. ○ This can be caused by numerous issues. Our code may be attempting to send duplicate records when it should not. The natural key (bolded fields below) may not be unique enough to satisfy Ed-Fi requirements in all cases. Most times this error will require a code change to fix.
409: The resource (or a subordinate entity of the resource) cannot be deleted because it is a dependency of the '**RESOURCE**' entity.	The resource that the application is attempting to delete is referenced from another entity. • Use the Delete Tool to delete the referenced resource in the error message. Then retry the delete on the original resource that errored.

500: Internal Server Error.	Something unexpected happened and no specific error message could be returned.
	
	 • This issue usually occurs when the ODS is having issues. Confirm that there are no issues with the ODS the data is being sent to and then attempt to retry the errored record.
	 • Contact Campus Support if 500 errors continue to occur, can be replicated consistently, and the ODS the data is being sent to has no ongoing issues.
	    ○ There is a chance that Campus Ed-Fi code is sending an invalid JSON request resulting in the 500 error.
	    ○ There is a chance that an Ed-Fi Data Standard / API bug is causing the issue.
	    ○ Investigation is needed in these cases as there are many different potential causes.

Object Data Elements Logic

Data element labels below in **BOLD** are part of the natural key of this resource and are required data elements for the record to send through Ed-Fi.

• The Mandatory / Conditional / Optional column indicates what the state requires for each data element.

	Data Element Label	**Business Rule(s)**	**Mandatory (M) Conditional (C) Optional (O)**	**Data Source GUI Path**	**Database Field**	**Uses Template Logic** (✅ / ❌ / EXT)

| 1 | **beginDate** (*date*) | *The earliest date the student is involved with the program. Typically, this is the date the student becomes eligible for the program.*

Normal Logic:

• Reports the **Identified Date** of the EL record being reported.

If the student has an EL Status of "Not EL" and an EL Service with Service Type "EL-I: Student incorrectly reported as EL":

• Report the **Enrollment Start Date** | M | English Learners (EL)

Enrollment | LEP.startDate

Enrollment.startDate | ❌ |
| 2 | **educationOrganizationReference** (*reference*) | *A reference to the Schools record associated with the Student Language Instruction Instruction Program Association being reported.*

Reports the fields that are part of the Natural Key for the resource.

• educationOrganizationId = **Ed-Fi School ID** | M | School Information | School.entityID | ❌ |

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| 3 | **programReference** (*reference*) | *A reference to the Programs record associated with the Student Language Instruction Program Association being reported.*

Reports the fields that are part of the Natural Key for the Programs resource.

• educationOrganizationId = **Ed-Fi District Number**
• programName = **English Learner (EL)** (Hard-Coded)
• programTypeDescriptor = **English Learner (EL)** (Hard-Coded) | M | N/A | N/A | | ❌ |
| 4 | **studentReference** (*reference*) | *A reference to the Students record associated with the Student Language Instruction Program Association being reported.*

Reports the fields that are part of the Natural Key for the Students resource. | M | N/A | N/A | | ✅ |

| 5 | endDate (*date*) | *The month, day, and year on which the student exited the program or stopped receiving services.*

Normal Logic:

• Reports the **Program Exit Date** of the record being reported.

If the student has an EL Status of "Not EL" and an EL Service with Service Type "EL-I: Student incorrectly reported as EL":

• Does not report. | C | English Learners (EL) | LEP.exitdate | ❌ |
| 6 | englishLanguageProficiencyAssessments (*array*) | *An unordered collection of student Language Instruction Program Association English Language Proficiency Assessments. Results of yearly English language assessment.*

Use the below logic to determine what to report for **proficiencyDescriptor**: | M | English Learners (EL) | LEPService. lepServiceTypeID

LEP. firstYearMonitoring

LEP. secondYearMonitoring

LEP. thirdYearMonitoring

LEP. fourthYearMonitoring | ❌ |

- Report the override code selected in EL Services if present.
  - EL Services Start Date must be within the current configured year.
  - Available overrides:
    - Report **1** if Service Type = 'ESOL-M1O'
    - Report **2** if Service Type = 'ESOL-M2O'
    - Report **3** if Service Type = 'ESOL-M3O'
    - Report **4** if Service Type = 'ESOL-M4O'
    - Report **F** if Service Type = 'ESOL-FO'
    - Report **I** if Service Type = 'EL-I'
  - If there is more than one EL Service that meets these conditions, report the EL Service Type based on the following:
    - EL Service with the newest Start Date
    - EL Service with a blank End Date
    - EL Service with the newest End Date
    - EL Service with the highest ID
- Report **Y** if EL Program Status = 'EL'.
- Report **1** if First Year Monitoring Date is within or after the current configured year.
- Report **2** if the Second Year Monitoring Date is within the current configured year.
- Report **3** if the Third Year Monitoring Date is within the current configured year.
- Report **4** if the Fourth Year Monitoring Date is within the current configured year.
- Report **F** if the Fourth Year Monitoring Date is before the start of the current configured year.

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		• Report **N** if EL Program Status = 'Not EL' • Do not report the *englishLanguageProficiencyAssessments* array if the *proficiencyDescriptor* cannot be determined using the above logic. Use the below logic to determine what to report for **schoolYearTypeReference**: • Send the **End Year** of the current configured year. The following data elements do not report: • monitoredDescriptor • participationDescriptor • progressDescriptor				
7	englishLearnerParticipation (*boolean*)	*An indication that an English learner student is served by an English language instruction educational program supported with Title III of ESEA funds.* • Report **True** if the student has an EL Service with Service Type = 'ESOL' within the current configured year. • Report **False** in all other situations.	M	English Learners (EL)	LEPService. lepServiceTypeID	❌

8	reasonExitedDescriptor (*string*)	*The reason the student left the program within a school or district.* Reports the fields that are part of the Natural Key for the Students resource.	C	English Learners (EL)	LEP.exitReason	⊗
9	dateofELPScreener	*Indicates date of ELP Screener* • Reports the **Identified Date** of the EL record being reported. If the student has an EL Status of "Not EL" and an EL Service with Service Type "EL-I: Student incorrectly reported as EL": • Report the **Enrollment Start Date**	C	English Learners (EL)	LEP.startDate (new for 25-26)	⊗
10	dosage	This is optional, does not report.	O	N/A	N/A	N/A
11	englishLanguageProficiencyAssessments	This is optional, does not report.	O	N/A	N/A	N/A
12	languageInstructionProgramServices	This is optional, does not report.	O	N/A	N/A	N/A
13	participationStatus	This is optional, does not report.	O	N/A	N/A	N/A
14	programParticipationStatuses	This is optional, does not report.	O	N/A	N/A	N/A
15	servedOutsideOfRegularSession	This is optional, does not report.	O	N/A	N/A	N/A

Appendix

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