

GA Ed-Fi Suite v3.6.1, Data Standard v4.0: Programs

September
2024

GA Ed-Fi Suite v3.6.1, Data Standard v4.0: Programs

Table of Contents

- [Summary](#)
- [Required Resources \(Upstream\)](#)
- [Dependent Resources \(Downstream\)](#)
- [Error Log](#)
- [Academic Programs / Flags / Graduation Programs / Programs](#)
 - [Object Triggering Logic](#)
 - [Object Data Elements Logic](#)
- [Alternative Education \(01 Programs\) / Career Academy \(03 Programs\) / Food Service / Gifted & Talented / GNETS \(02 Programs\) / Homeless / Language Instruction / Section 504 / Special Education](#)
 - [Object Triggering Logic](#)
 - [Object Data Elements Logic](#)
- [Appendix](#)

Summary

This entity represents the physical space where students gather for a particular class/section. The location may be an indoor or outdoor area designated for the purpose of meeting the educational needs of students.

Required Resources (Upstream)

The following resources must be sent prior to this resource:

- Local Education Agencies (Pre-populated)
 - Schools (Pre-populated)
-

Dependent Resources (Downstream)

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

- Student Program Associations

- Student Homeless Program Associations
- Student Language Instruction Program Associations
- Student School Food Service Program Associations
- Student Special Education Program Associations

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

Academic Programs / Flags / Graduation Programs / Programs

Object Triggering Logic

Action	Business Rule(s)
Post	<p>When a Flag or Program that is mapped to an Ed-Fi Code in Resource Preferences AND a student within the reporting school has a reportable record for that Flag or Program.</p> <ul style="list-style-type: none"> All students will reference the same program record once it is created (Do not create duplicate program records for the exact same program).
Delete /Post Put	<p>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.</p> <ul style="list-style-type: none"> When the following elements on Flags are changed: <ul style="list-style-type: none"> Name When the following elements on Graduation Programs are changed: <ul style="list-style-type: none"> Name When the following elements on Academic Programs are changed: <ul style="list-style-type: none"> Name When the following elements on Programs are changed: <ul style="list-style-type: none"> Name
Delete	<p>If a mapping is removed from Resource Preferences. Programs will only be deleted after a resync is completed and 'All Schools' is checked on resync. All Student Program Association records must be deleted before a Program can be deleted. It is therefore recommended that Student Program Associations is always resynced with Programs.</p>

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	programName (string)	<p>The formal name of the program of instruction, training, services, or benefits available through federal, state, or local agencies.</p> <hr/> <ul style="list-style-type: none"> • Flags: Report the Flag Name. • Grad Programs + Academic Programs + Programs: Report the Program Name. 	M	Flags Programs	Program.name	✗
2	programTypeDescriptor (string)	<p>The type of program.</p> <hr/> <p>Report the Ed-Fi Code the Flag or Program is mapped to in Resource Preferences.</p>	M	Ed-Fi Connection Resource Preferences	N/A	✗
3	educationOrganizationReference (reference)	<p>A reference to the Local Education Agencies resource associated with the Program being reported.</p> <hr/> <p>Reports the fields that are part of the Natural Key for the Local Education Agencies resource.</p> <ul style="list-style-type: none"> • educationOrganizationId = Ed-Fi District ID 	M	District Information	District. entityID	✓
4	characteristics	This is optional, does not report.	O	N/A	N/A	N/A
5	learningObjectives	This is optional, does not report.	O	N/A	N/A	N/A
6	learningStandards	This is optional, does not report.	O	N/A	N/A	N/A

7	programId	This is optional, does not report.	O	N/A	N/A	N/A
8	services	This is optional, does not report.	O	N/A	N/A	N/A
9	sponsors	This is optional, does not report.	O	N/A	N/A	N/A

Alternative Education (01_ Programs) / Career Academy (03_ Programs) / Food Service / Gifted & Talented / GNETS (02_ Programs) / Homeless / Language Instruction / Section 504 / Special Education
Object Triggering Logic

Action	Business Rule(s)
Post	A record will report for each unique instance of these programs. <ul style="list-style-type: none"> These records are hard-coded. They will report even if a student does not have the Program within the district.
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. <ul style="list-style-type: none"> If the Programs record does not exist, but the Program Association record is attempting to send, the Programs record will be triggered to send BEFORE the Program Association record
Delete	<ul style="list-style-type: none"> These records are not deleted.

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	programName (<i>string</i>)		M	N/A	N/A	✗


The formal name of the program of instruction, training, services, or benefits available through federal, state, or local agencies.

Reports based on the table below:

Program	Reports Value:
Alternative Education	<ul style="list-style-type: none"> • If Program Type is 01A, Reports Alternative Education Program for Disruptive Students. • If Program Type is 01B, Reports Choice - Early College/Gateway to College. • If Program Type is 01D, Reports Choice-Non-Traditional HS (Performance Learning Centers). • If Program Type is 01E, Reports Choice-Non-Traditional HS (Open Campus/Evening School /Other). • If Program Type is 01G, Reports EMO/Vendor Operated. • If Program Type is 01H, Reports Program for Non-Disruptive Students.
Career Academy	Career Academy
Food Service	Student School Food Service

		<table border="1"> <tr> <td>Gifted & Talented</td> <td>Gifted and Talented</td> </tr> <tr> <td>GNETS</td> <td> <ul style="list-style-type: none"> If Program Type is 02A, Reports GNETS Center Based. If Program Type is 02B, Reports GNETS School Based. </td> </tr> <tr> <td>Homeless</td> <td>Homeless</td> </tr> <tr> <td>Language Instruction</td> <td>English Learner (EL)</td> </tr> <tr> <td>Section 504</td> <td>Section 504 Placement</td> </tr> <tr> <td>Special Education</td> <td>Special Education</td> </tr> </table>	Gifted & Talented	Gifted and Talented	GNETS	<ul style="list-style-type: none"> If Program Type is 02A, Reports GNETS Center Based. If Program Type is 02B, Reports GNETS School Based. 	Homeless	Homeless	Language Instruction	English Learner (EL)	Section 504	Section 504 Placement	Special Education	Special Education				
Gifted & Talented	Gifted and Talented																	
GNETS	<ul style="list-style-type: none"> If Program Type is 02A, Reports GNETS Center Based. If Program Type is 02B, Reports GNETS School Based. 																	
Homeless	Homeless																	
Language Instruction	English Learner (EL)																	
Section 504	Section 504 Placement																	
Special Education	Special Education																	
2	programTypeDescriptor (<i>string</i>)	<p><i>The type of program.</i></p> <hr/> <p>Reports based on the table below:</p> <table border="1"> <thead> <tr> <th>Program</th> <th>Reports Value:</th> </tr> </thead> </table>	Program	Reports Value:	M	N/A	N/A											
Program	Reports Value:																	

Alternative Education	<ul style="list-style-type: none"> • If Program Type is 01A, Reports 01A. • If Program Type is 01B, Reports 01B. • If Program Type is 01D, Reports 01D. • If Program Type is 01E, Reports 01E. • If Program Type is 01G, Reports 01G. • If Program Type is 01H, Reports 01H.
Career Academy	03A
Food Service	Student School Food Service
Gifted & Talented	Gifted and Talented
GNETS	<ul style="list-style-type: none"> • If Program Type is 02A, Reports 02A. • If Program Type is 02B, Reports 02B.
Homeless	Homeless
Language Instruction	English Learner (EL)
Section 504	Section 504 Placement

		Special Education	Special Education			
3	educationOrganizationReference (reference)	<p><i>A reference to the Local Education Agencies resource associated with the Program being reported.</i></p> <hr/> <p>Reports the fields that are part of the Natural Key for the Local Education Agencies resource.</p> <ul style="list-style-type: none"> educationOrganizationId = Ed-Fi District ID 		M	District Information	District.entityID 
4	characteristics	This is optional, does not report.		O	N/A	N/A
5	learningObjectives	This is optional, does not report.		O	N/A	N/A
6	learningStandards	This is optional, does not report.		O	N/A	N/A
7	programId	This is optional, does not report.		O	N/A	N/A
8	services	This is optional, does not report.		O	N/A	N/A
9	sponsors	This is optional, does not report.		O	N/A	N/A

Appendix

Programs offered by a specific District or School should be set-up as a Flag or Program within Campus. They will follow the reporting logic of the "Academic Programs / Flags / Graduation Programs / Programs" section above. These programs should only be mapped to the following descriptor codes:

Ed-Fi Code Value	Ed-Fi Code Name
04D	Before/After School
04E	Saturday/Weekend Program
04F	Summer

04A	Extended Day
04B	Extended Week
04C	Extended Year
05A	Before/After School
05B	During School
05C	Saturday Program
05D	Intercession
05E	Summer