

Programs (Texas v4.0)

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This entity represents any program designed to work in conjunction with, or as a supplement to, the main academic program. Programs may provide instruction, training, services or benefits through federal, state or local agencies. Programs may also include organized extracurricular activities for students.

Object Triggering Logic

This table describes logic for triggering syncing of this object.

Action	Trigger
Post	<p>When Flag is created and is mapped to an Ed-Fi Program Type Descriptor and a resync is completed</p> <ul style="list-style-type: none"> The Program record will Post when the first student is given an eligible Flag record that is mapped. All students will reference the same programs once the first one is created.
Post	<p>Post a Program when a student is assigned to a program record in the following areas. The record must overlap the configured year and have a Student School Association record to report.</p> <ul style="list-style-type: none"> Career Tech Program Title I SPED - locked IEP Homeless EL Migrant FRAM Eligibility <p>All students will reference the same program once the first one is created.</p>
Delete	<p>If a mapping is removed from Resource Preferences. Programs will only be deleted when a mapping is removed after a resync is completed and 'All Schools' is checked on resync. Programs are at the district level and students in another school may have a Student Program Association record that references the Program. All Student Program Association records must be deleted before a Program can be deleted.</p>

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	<p>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.</p>
Resync	<p>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.</p>
Resync	<p>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.</p>
Resync	<p>If a mapping is changed in Resource Preferences, a resync will need to be done to reflect the changes.</p>

Action	Trigger
Resync	Programs are only updated/deleted if a mapping is changed after a resync is completed and 'All Schools' is checked on resync. Programs are at the district level and students in another school may have a Student Program Association record that references the Program.

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
Post/Delete	Natural Key change: <ul style="list-style-type: none"> LEA Reference - District Numbers cannot change after data has been sent. If a district number changes, we would expect an Ed-Fi error and this change would not be supported. If the Program Name or Program Type Descriptor mapping changes.
Delete	Cascading Deletes: If the Natural Key changes, the following resources will be deleted/reposted. <ul style="list-style-type: none"> Student Program Associations, Student Homeless Program Associations, Student Migrant Program Associations, Student Title 1 Part A Program Associations, Student Neglected or Delinquent Program Associations, Student Language Instruction Program Associations, Student CTE Program Associations, Student Special Education Program Associations, Student Food Service Eligibility Associations.

Scope Year Logic

Logic
The record sends to the scope year for the school year with which the program record is associated.
Data only sends for the years that have valid configuration.

Resource Preferences

Data Element Label	Mapping Needed
Program Type Descriptors	Programs
Program Type Descriptors - Flags	Flags

Identity Mapping Object Key

campusObjectType	Object Key Data Source
Program	programID
Plan	'sped'

Event Queue Detail

Campus Table	Ed-Fi Action	Fields
programs	Post	The primary table used for sending data for this resource.
programparticipation	Post	The primary table used for sending data for this resource.
title1	Post	The primary table used for sending data for this resource.
lep	Post	The primary table used for sending data for this resource.
migrant	Post	The primary table used for sending data for this resource.
homeless	Post	The primary table used for sending data for this resource.
POSEligibility	Post	The primary table used for sending data for this resource.

Error Log

Error	Possible Causes/How to Fix
409: Failed to delete programs resource. [message:The resource (or a subordinate entity of the resource) cannot be deleted because it is a dependency of the 'generalStudentProgramAssociation' entity.]	There are dependent resources in the Ed-Fi ODS so the Program record cannot be deleted. Use the delete tool to remove any dependent data before the course can be removed.

Object Data Elements

This table describes data elements sent within the Programs resource. Data Element Labels in **bold** are part of the Natural Key and are required data elements for Data to send to Ed-Fi.

Data Element Label	Business Requirement	Business Rules	M, C or O	Location
id	The unique identifier of the resource.		M	

Data Element Label	Business Requirement	Business Rules	M, C or O	Location
programName	The formal name of the program of instruction, training, services or benefits available through federal, state, or local agencies.	<ol style="list-style-type: none"> 1. Title 1 Part A: Reports 'Title 1 Part A' 2. CTE: Reports 'Career and Technical Education' 3. LanguageInstruction: If EL Service Type has mapped Ed-Fi Code = 002, 003, or 004, reports 'English as a Second Language (ESL)' 4. LanguageInstruction: If EL Service Type has mapped Ed-Fi Code = 042, 043, 044, 045, 046, reports 'Bilingual' 5. Special Education: Reports 'Special Education' 	M	
programTypeDescriptor	The formal name of the program of instruction, training, services, or benefits available through federal, state, or local agencies.	<ol style="list-style-type: none"> 1. Title 1 Part A: Reports '38' 2. CTE: Reports '05' 3. LanguageInstruction: If EL Service Type has mapped Ed-Fi Code = 002, 003, or 004, reports '12' 4. LanguageInstruction: If EL Service Type has mapped Ed-Fi Code = 042, 043, 044, 045, 046, reports '04' 5. Special Education: Reports '33' 	M	
educationOrganization Reference	A reference to the related Education Organization resource.	Reports the District Number based on the Local Education Agency resource logic	M	School & District Settings > District > District Information > State District Number district.number

Data Element Label	Business Requirement	Business Rules	M, C or O	Location
characteristics	Reflects important characteristics of the Program, such as categories or particular indications.		O	
learningObjectives	References the LearningObjective(s) with which the Program is associated.		O	
learningStandards	LearningStandard followed by this program.		O	
programId	A unique number or alphanumeric code assigned to a program by a school, school system, a state, or other agency or entity.	<ol style="list-style-type: none"> 1. Reports the program ID from the flag or Career Tech Programs. 2. Otherwise, reports '1'. 	O	Student Information > Program Admin > Flags Setup program.programId
services	Defines the services this program provides to students.		O	
sponsors	Ultimate and intermediate providers of funds for a particular educational or service program or activity, or for an individual's participation in the program or activity (e.g., Federal, State, ESC, District, School, Private Organization).		O	
etag			O	