OneRoster 1.1 Data Models

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OneRoster is a set of specifications established by the 1EdTech Learning Consortium. Campus created our OneRoster API based on these specifications. Campus currently supports the 1.1 and 1.2 versions of this specification. This article details the 1.1 version.

> See the OneRoster API article for more information about OneRoster and the Configuring OneRoster Connections article for instructions on setting up a connection.

The tables below lay out the OneRoster 1.1 specification and identify, where applicable, the location in the Campus interface and database where this data populates, with any additional information.

What are 'SourcedIDs'?

The sourceId of a record is a key piece of data used to identify that record. This value is usually the unique identifier for an element, such as the GUID. In the tables below, the sourceId is the first element listed for each endpoint, with examples provided.

Users

Users must have an enabled user account to return.

There are 5 roles in the Campus implementation of OneRoster 1.1:

- Student: A person with an Enrollment in the active year.
  - Enrollments marked as No Show are not returned.
- Teacher: A person with a District Assignment in the active year with a role of Teacher marked (EmploymentAssignment.teacher
- Administrator: A non-teacher staff member. A person with a District Assignment in the active year with a role other than Teacher (EmploymentAssignment.specialEd, .program, .behavior, .health, .responseApprover, .rti, .advisor, .supervisor, .counselor, .foodService, .approver, or .framProcessor)
- Guardian: A person with access to Campus Parent and a Guardian relationship to a student in the current year.
- Relative: A person with access to Campus Parent and a non-Guardian relationship to a student in the current year. Grade Book sync must be enabled for the OneRoster connection to return relative information.

A user's currently active role returns as 'Primary'.

Vendors may choose to access only specific types of users by using role-specific endpoints of /students or /teachers. All roles may be used via the /users endpoint.

Note: A record returns for each role, not for each individual. Multiple records may return for an individual, such as a teacher who is also a guardian or an administrator.

Data Element Name in OneRoster Spec	Campus Interface & Database Location	Description & Notes

sourcedId	Census > People > Identities > PersonID Student: OneRosterStudent.sourceId (Person.personID) Teacher or Administrator: EmployeeAssignment.personID Guardian or Relative: UserAccount.personID	Returns the user's PersonID prepended by a letter indicating the user's role: • s: Student • t: Teacher • a: Administrator • g: Guardian • r: Relative e.g. s12345678
status	Returns an indication of whether the user is active.	
	Student: Student Information > General > Enrollments > End Date Enrollment.endDate	Students are considered active if they have an active Enrollment according to the enrollment End Date.
	Teacher or Administrator: Census > People > District Assignment > End Date EmploymentAssignment.endDate	Teachers and Administrators are considered active if they have an active District Assignment according to assignment End Date.
	Guardian or Relative: Census > People > Relationships > Start Date, End Date RelatedPair.startDate, RelatedPair.endDate	Guardians and Relatives are considered active if they have an active Relationship record.
dateLastModified	Returns the last Modified Date according to the user's role, or as 1970-01-01 if null.	
	Students: Enrollment.modifiedDate, Identity.modifiedDate, UserAccount.modifiedDate, Contact.modifiedDate	For students, reports the last modified date of their Enrollment, Identity, User Account, or Contact record.
	Teacher or Administrator: EmploymentAssignment.modifiedDate	For Teacher or Administrators, reports from their District Assignment.
	Guardian or Relative: Identity.modifedDate, UserAccount.modifiedDate, Contact.modifiedDate	For Guardians or Relatives, returns from their Identity, User Account, or Contact records.

username	User Account > Username Students: UserAccount.userName, UserAccount.homepage, UserAccount.disable, UserAccount.expiresDate, UserAccount.userID All Others: UserAccount.userName, UserAccount.homepage, UserAccount.userID	Returns the username of the user. If multiple user accounts exist for a students, returns the username of the account with a homepage set to Student Portal and the lowest userID that is not displayed or expired. If multiple user accounts exist for another type of user, returns the username based on the Homepage of the User Account with the highest userID. Homepage priority is as follows: • No value selected • Teaching Center • Parent Portal • Student Portal • any other user account.
userIds	N/A	N/A
type	Census > People > Demographics > Person Identifiers > Student State ID	For students, returns as the stateID.
	Census > People > Demographics > Person Identifiers > Staff State ID	For teachers or administrators, returns staffStateID.
identifier	Census > People > Identities > Student State ID or Staff State ID Student: Person.stateID Teacher or Administrator: Person.staffStateID	Note: relatives and guardians do not have identifiers
enabledUser	Always returns as 'true'.	Note: user account must be active to return. If multiple user accounts exist for a user, returns the most recently create account that is active.
givenName	Census > People > Identities > First Name Identity.firstName	First Name
familyName	Census > People > Identities > Last Name Identity.lastName	Last Name
middleName	Census > People > Identities > Middle Name Identity.middleName	Middle Name

role	Campus supports user roles of teacher, student, administrator, relative, and guardian.	
	Student: Student Information > General > Enrollment (in active Calendar)	Indicates student role
	Teacher: Census > People > District Assignment > Teacher checkbox marked	Indicates teacher role
	Admin: Census > People > District Assignment > Employment Assignment Information > any checkboxes *other than* Teacher marked	Indicates administrator role
	Relative/Guardian: Census > People > Relationships > Relative or Guardian checkboxes marked	Indicates relative or guardian role
identifier	Census > People > Identities > Local Student Number or Local Staff Number Student: Person.studentNumber Teacher or Administrator: Person.staffNumber	Identification number of the person Note: relatives and guardians do not have identifiers
email	Census > People > Demographics > Personal Contact Information > Email Contact.email OR Contact.secondaryEmail	Email Address Note: districts may elect to use the Secondary Email Address using the email setting in the Learning Interoperability/Digital Learning Applications Configuration tool. Some vendors require all users to have an email address.
sms	N/A	N/A
phone	Census > People > Demographics > Person Contact Information > Other Phone Contact.homePhone	Phone Number
agents	Census > People > Relationships > Portal RelatedPair.portal	Returns as list of the Guardians and Relatives of the student who have access to the Campus Parent Portal.

orgs	Students: Student Information > General > Enrollments > No Show, End Date Enrollment.noShow, Enrollment.endDate	Returns the GUID of the Org if the end date falls within the current active school year.
	Teachers: Census > People > District Assignment> End Date EmploymentAssignment.endDate	Returns the GUID of the Org if the end date falls within the current active school year.
grades	Student Information > General > Enrollments > Grade; System Administration > Resources > Grade Level Definitions GradeLevel.stateGrade	Returns a list of SCED Grade Level mapped to the grade level in which the students are enrolled. Only returns for students.
password	N/A	Returns as null.
metadata	**Students** ic_primaryOrgSourcedId Student Information > General > Enrollments > Primary School.schoolGUID	Returns the schoolGUID of the school where the student has a primary enrollment. Does not return if no enrollment is marked as Primary.
	Teachers/Admins ic_primaryOrgSourcedId Census > Staff > District Employment > Primary School.schoolGUID	Returns the schoolGUID of the school where the teacher or administrator has a primary Employment Assignment. Does not return if no employment record is marked as Primary.

Demographics

Returns based on the current active identity for the person. Only one Identity may be active at a time.

This endpoint can be turned off for connections using OAuth 2.

Data Element Name in OneRoster Spec	Campus Interface & Database Location	Description & Notes
sourcedId	Census > People > Identities > PersonID Identity.personID	Returns the personID prepended by a role prefix: • a: administrator • t: teacher • s: student • g: guardian • r: relative e.g. A Teacher with a personID of 1234 returns as t1234.

status	N/A	Returns as 'active'
dateLastModified	Census > People > Demographics/Identities > Modified Date Identities.modifiedDate	The Modified Date on the Identity record. If null, returns 1970-01-01. Modified Date also displays on Census > People > Demographics and Student Information > General.
birthDate	Census > People > Identities > Birth Date Identity.birthDate	Birth Date
sex	Census > People > Identities > Gender Identity.gender	The OneRoster specification only supports genders of M and F. If Gender is M, returns Male. If Gender is F, returns Female. Otherwise returns as null.
americanIndianOrAlaskaNative	Census > People > Identities > Race/Ethnicity > American Indian or Alaska Native Identity.raceEthnicityFed = 2	If Race/Ethnicity is American Indian or Alaska Native, returns Yes. Otherwise returns No. Returns as No if Hispanic/Latino returns as Yes.
asian	Census > People > Identities > Race/Ethnicity > Asian Identity.raceEthnicityFed = 3	If Race/Ethnicity is Asian, returns Yes. Otherwise returns No. Returns as No if Hispanic/Latino returns as Yes.
blackOrAfricanAmerican	Census > People > Identities > Race/Ethnicity > Black or African American Identity.raceEthnicityFed = 4	If Race/Ethnicity is Black or African American, returns Yes. Otherwise returns No. Returns as No if Hispanic/Latino returns as Yes.
nativeHawaiianOrOtherPacificIslander	Census > People > Identities > Race/Ethnicity > Native Hawaiian or Other Pacific Islander Identity.raceEthnicityFed = 5	If Race/Ethnicity is Native Hawaiian or Other Pacific Islander, returns Yes. Otherwise returns No. Returns as No if Hispanic/Latino returns as Yes.
white	Census > People > Identities > Race/Ethnicity > White Identity.raceEthnicityFed = 6	If Race/Ethnicity is White, returns Yes. Otherwise returns No. Returns as No if Hispanic/Latino returns as Yes.
demographicRaceTwoOrMoreRaces	Census > People > Identities > Race/Ethnicity Identity.raceEthnicityFed	Indicates if the student identifies with two or more races. Returns as No if Hispanic/Latino returns as Yes.

hispanicOrLatinoEthnicity	Census > People > Identities > Race/Ethnicity > *Is the individual Hispanic/Latino?* Identity.hispanicEthnicity	If Y is selected for the Hispanic/Latino question, returns Yes. Otherwise returns No. If this attribute returns as Yes, all other Race/Ethnicity fields return as No. See IPEDS Guidance for more information.
countryOfBirthCode	Census > People > Identities > Birth Country Identity.countryOfBirthCode	Country of Birth
stateOfBirthAbbreviation	Census > People > Identities > Birth State Identity.stateOfBirthAbbreviation	Abbreviation of the State of Birth
cityOfBirth	Census > People > Identities > Birth City Identity.cityOfBirth	City of Birth
publicSchool ResidenceStatus	N/A	Returns as null.

Enrollments

Only returns for students and teachers. OneRoster and Campus define 'enrollment' differently. In OneRoster, an 'enrollment' indicates membership in a class. In Campus, this data is stored in the Schedule for students and the Staff History tab for Teachers.

Follows External LMS Exclude logic.

Data Element Name in OneRoster Spec	Campus Interface & Database Location	Description & Notes
sourcedId	Does not display in Campus UI. 's' + Roster.rosterID	For students, returns the letter 's' prepended to the RosterID. e.g. s123453678
	Does not display in Campus UI. 't' + SectionStaffHistory.historyID	For teachers, returns the letter 't' prepended to the Staff History ID.e.g. t123456
status	Students: Student Information > General > Schedule > Walk-in Scheduler > Section > End Date Roster.endDate	For students, if the Roster End Date is null or after the current date, returns 'active'. Otherwise returns 'tobedeleted'.

	Teachers: Scheduling > Courses > Section > Staff History > End Date SectionStaffHistory.endDate	For teachers, if the Staff History End Date is null or after the current date, returns 'active'. Otherwise returns 'tobedeleted'.
dateLastModified	Student: Student Information > General > Schedule > Walk-In Scheduler > select a roster Roster.modifiedDate or Roster.createdDate	Returns the Modified Date, or the Created Date if null. Note: Created Date does not display in the Campus UI.
	Teacher: Scheduling > Courses > Section > Staff History > Staff History Detail > Modified SectionStaffHistory.modifiedDate or SectionStaffHistory.createdDate	
user	Census > People > Identities > Person ID 's' + Identity.personID 't' + Identity.personID	Returns the PersonID of the person this record pertains to, prepended by an 's' for students or a 't' for teachers. e.g. If the teacher's PersonID is 1234, returns as 't1234'
class	Scheduling > Courses > Section > SectionID Section.sectionID	The Section ID of the class the person is enrolled in.
school	Does not display in the Campus UI. School.schoolGUID	Returns the SchoolGUID associated with the section.
role	N/A	Identifies the type of enrollment record being returned. Returns as 'student' or 'teacher'.
primary	Students: N/A	A value does not return for students.
	Teachers: Scheduling > Courses > Section > Staff History > Staff Type SectionStaffHistory.staffType	For teachers, returns as TRUE if the teacher is designated as the Primary teacher of the section. Otherwise returns as FALSE.
beginDate	Students: Student Information > General > Schedule > Walk-In Scheduler > Start Date Roster.startDate	For students, returns the Roster Start Date. If a date is not listed, returns as null.

	Teachers: Scheduling > Courses > Section > Staff History > Access Date, Start Date SectionStaffHistory.accessStartDate SectionStaffHistory.startDate	For teachers, returns the Access Date from the Staff History record, if entered, or the Start Date of the Staff History record. If a date is not listed, returns as null.
endDate	Student Information > General > Schedule > Walk-In Scheduler > End Date Roster.endDate	For students, returns the Roster End Date.
	Scheduling > Courses > Section > Staff History > Access End Date, End Date SectionStaffHistory.accessEndDate SectionStaffHistory.endDate	For teachers, returns the Access End Date from the Staff History record, if entered, or the End Date of the Staff History record.
	If an End Date is entered in Campus, a value of endDate + one day returns. One day is added because dates are inclusive in Campus (access ends at the *end* of the endDate) whereas in OneRoster, dates are exclusive (access ends at the *beginning* of the endDate).	

Classes

Note: The Classes endpoint is cached hourly. See the Caching OneRoster Data section for more information.

Follows External LMS Exclude logic.

Data Element Name in OneRoster Spec	Campus Interface & Database Location	Description & Notes
sourcedId	Scheduling > Courses > Section > Section ID Section.sectionID	Returns the SectionID of the class.
status		Returns as 'active'
dateLastModified	Scheduling > Courses > Section > Modified Date Section.modifiedDate	Date the section record was last modified.
title	Scheduling > Courses > Course > Name, Number; Section > Number	Returns in a format of "<course.number> <section.number> <course.name>" e.g. 101 2 Math

classCode	Scheduling > Courses > Section > Teacher Display Name Section.teacherDisplayName	Returns the Teacher Display Name.
classType	Scheduling > Courses > Section > Homeroom checkbox	Returns as 'homeroom' if the class is marked as Homeroom. Otherwise returns as 'scheduled'.
location	Scheduling > Courses > Section > Room Room.name	Room where the class takes place.
grades	N/A	Not supported. In Campus, grade level data is not stored fro sections (classes).
subjects	Scheduling > Courses > Course > Subject Type, Core Academic Class If Subject Type is CORE: Course.coreSubject Otherwise Course.subjectType	On the Course tab, if the Subject Type of CORE is selected, the Core Academic Class dropdown list displays and this attribute returns the value selected for that field. Otherwise returns the Subject Type. Note: Only one value returns for this attribute. Is often returns as blank.
course	Scheduling > Courses > Course > CourseID Course.courseID	The Course ID of the section's (class's) parent course.
school	Does not display in the Campus UI. School.schoolGUID	The GUID of the School for the Calendar that the Course is in.
terms	Scheduling > Courses > Section > Section Schedule Placement SectionPlacement.termName	Returns the terms that the section is scheduled into, according to the Section Schedule Placement.
subjectCodes	Scheduling > Courses > Course > Course ID, NCES Data > NCES Code Course.scedSubjectArea Course.Courseid	Returns the SCED Subject Area + Course ID. If either is null, returns as null. Only one value returns.
periods	Scheduling > Courses > Section > Section Schedule Placement SectionPlacement.termName SectionPlacement.periodScheduleName sectionPlacement.name	Returns a list of periods, likely containing a period for each term, in the following format: "<sectionPlacement.termName>-<sectionPlacement.periodScheduleName>-<sectionPlacement.name>". e.g. "Q1-Daily-1"
resources	N/A	N/A

Courses

Follows External LMS Exclude logic.

Note that if a school use Course Masters to manage course information, course details may change as a result of data being pushed from the Master. Data is returned via the API from Course Information so changes made at the Course Master level that have not been pushed to the Course are not reflected in the API. Likewise, if fields in Course Information are locked from editing at the Course Catalog level, edits must be made to the Course Master and then pushed to the course.

Data Element Name in OneRoster Spec	Campus Interface & Database Location	Description & Notes
sourcedId	Scheduling > Courses > Course > Course ID Course.courseID	e.g. 12345
status		Returns as 'active'
dateLastModified	Scheduling > Courses > Course > Modified Date Course.modifiedDate	Date the course record was last modified.
title	Scheduling > Courses > Course > Name Course.name	Course Name
schoolYear	N/A	N/A
courseCode	Scheduling > Courses > Course > Number Course.number	Course Number
grades	N/A	N/A
subjects	Scheduling > Courses > Course > Subject Type, Core Academic Class If Subject Type is CORE: Course.coreSubject Otherwise Course.subjectType	On the Course tab, if the Subject Type of CORE is selected, the Core Academic Class dropdown list displays and this attribute returns the value selected for that field. Otherwise returns the Subject Type. Note: Only one value returns for this attribute. Is often returns as blank.
org	Does not display in the Campus UI. School.schoolGUID	Returns the sourcedId of the calendar's school.

sujbectCodes	Scheduling > Courses > Course > NCES Data > NCES Code Course.schedSubjectArea Course.scedCourseID	Returns the SCED Subject Area + SCED Course ID Identifier. If either is null, returns null. e.g. SCED Subject Area = 02: Mathematics and SCED Course Identifier = 051: Pre-Algebra, returns as 02051.
resources	N/A	N/A

Orgs (Districts & Schools)

The Campus implementation of the OneRoster specification returns districts and schools as orgs because the specification does not have a place for returning district-level information. Schools marked as External LMS Exclude are not returned.

District and school records are differentiated using the **type** element. Orgs returns as three endpoints:

- /districts: Returns one record for the district
- /schools: Returns a record for each school
- /orgs: Returns a combination of records for the district and each school.

If desired, vendors have the option of only returning the /schools endpoint to exclude district information.

Data Element Name in OneRoster Spec	Campus Interface & Database Location	Description & Notes
sourcedId	Does not display in the Campus UI. School.schoolGUID District.districtGUID	e.g. 882ed49c-f895-4fa2-9003-ce2fb524b747
status		Returns as 'active'
dateLastModified	System Administration > Resources > School > Modified Date School.modifiedDate	Date the school record was last modified.
	System Administration > Resources > District Information > Modified Date District.modifiedDate	Date the district record was last modified.

metadata	**Schools** School & District Settings > Schools > School Information > Address fields School.address, city, state, zip	Can optionally include address data for the School/District based on OneRoster connection settings. "ic_address" contains: • Address • City • State • Zip
	District School & District Settings > District > District Information > Address fields District.address, city, state, zip	
name	System Administration > Resources > School > Name School.name	School Name
	System Administration > Resources > District Information > Name District.name	District Name
type		Returns as 'school' for schools and 'district' for districts.
identifier	District: System Administration > Resources > District Information > State District Number District.number	State District Number
	School: System Administration > Resources > School > State School Number School.number	State School Number
parent	Does not display in the Campus UI. District.discrictGUID	Returns the District's sourcedId, which is the districtGUID
children	Does not display in the Campus UI. School.schoolGUID	Returns a list of school sourcedIds, which are the schoolGUID values.

Terms

Data Element Name in OneRoster Spec	Campus Interface & Database Location	Description & Notes

sourcedId	Does not display in the Campus UI. Term.termID	e.g. 1234
status	N/A	Returns as 'active'. Campus does not support inactive terms.
dateLastModified	N/A	Returns as 'now'. Campus does not stores Last Modified dates for Terms.
title	System Administration > Calendar > Term > Name Term.name	Term Name
startDate	System Administration > Calendar > Term > Start Date Term.startDate	Start Date
endDate	System Administration > Calendar > Term > End Date Term.endDate	End Date
type	N/A	Returns as 'term'
parent	N/A	N/A - Term records do not have parents in Campus.
children	Does not display in the Campus UI. Term.termGUID	This field returns the sourcedId for the associated Grading Period, which is the TermGUID.
schoolYear	System Administration > Calendar > School Years > select Active year > End Year, Active SchoolYear.endYear	Returns the End Year of the term's school year.

Grading Periods

In Campus, Grading Periods is the same thing as Terms. This endpoint returns the same records as the Terms endpoint, with additional records for One-Time Grading Tasks and their associated Terms.

Data Element Name in OneRoster Spec	Campus Interface & Database Location	Description & Notes
sourceId	Does not display in the Campus UI. Term: Term.termGUID One-Time Grading Task: ScheduleStructure.structureGUID	e.g. 882ed49c-f895-4fa2-9003-ce2fb524b747

status	N/A	Returns as 'active'. Campus does not support inactive terms
dateLastModified	N/A	Returns as 'now'. Campus does not stores Last Modified dates for Terms.
title	Terms: System Administration > Calendar > Term > Name Term.name	For Term-related Grading Periods, returns Term Name.
	One-Time Grading Tasks: System Administration > Calendar > Name; Schedule Structure > Name Calendar.name, ScheduleStructure.name	For One-Time Grading Task Grading Periods, returns the following: <calendar.name> <scheduleStructure.name> e.g. 'OneTime: 21-22 Harrison High Main'
startDate	System Administration > Calendar > Term > Start Date Term.startDate	For Term-related Grading Periods, returns the Start Date. For One-Time Grading Task Grading Periods, returns the earliest Start Date for any Term in the term schedule.
endDate	System Administration > Calendar > Term > End Date Term.endDate	For Term-related Grading Periods, returns the End Date. For One-Time Grading Task Grading Periods, returns the latest End Date for any Term in the term schedule.
type	N/A	Returns as 'gradingperiod'.
parent	Terms: Does not display in the Campus UI. Term.termID	Returns the sourceId of the associated Term record, which is the term's TermID.
	One-Time Grading Tasks: N/A	N/A
children	N/A	N/A
schoolYear	System Administration > Calendar > School Years > End Year, Active SchoolYear.endYear	Returns the End Year of the term's school year.

Academic Sessions

Academic Sessions are a combination of all possible terms and grading periods for the section. Follows External LMS Exclude logic.

The Academic Sessions endpoint returns the same data as the Terms and Grading Periods endpoints documented above.

LineItems (Assignments)

Note: Assignments returned via OneRoster can only be scored using points. No data received from the vendor program can be edited on an assignment, but other data can be.

Support Information:
Assignments received via the OneRoster API have a version shown in the bottom-right corner of the assignment. Click to view additional information about the assignment.

Data Element Name in OneRoster Spec	Campus Interface & Database Location	Description & Notes
sourcedId	Instruction > Grade Book > select assignment > hidden support information, described above IMLearningObjectSection.externalLMSSourcedId	If the assignment was created in the external LMS, returns the identifier assigned by that program. If created in Campus, returns the Campus-created assignment GUID. If an assignment is associated with multiple sections, each instance gets its own unique sourcedId.
status	N/A	Returns as 'active'.
dateLastModified	Instruction > Grade Book > select assignment > hidden support information, described above IMLearningObject.modifiedDate	For imported assignments, returns the date the assignment was last modified, which is either the date of the most recent change to the assignment made in Campus or the date the vendor last modified the synced assignment. The Created Date is the date the vendor first synced the assignment.
metadata		
title	Instruction > Grade Book > select assignment > Name	Note: Campus limits assignment name to 255 characters
description	Instruction > Grade Book > select assignment > Summary IMLearningObjectBlob.content	Returns the assignment description provided by the LMS, if any.
assignDate	Instruction > Grade Book > select assignment > Start Date IMLearningObjectSection.startDate	Note: Vendors must send an assignDate that is at least one minute before the dueDate to correctly create an assignment.

dueDate	Instruction > Grade Book > select assignment > End Date IMLearningObjectSection.endDate	Note: This date must fall within the term.
class	Does not display in the Campus UI. IMLearningObjectSection.sectionID	Returns the SectionID for a the section an assignment is in, according to information provided by the vendor. An assignment can only be aligned to one section.
category	N/A	Returns a value of '11111111-1111-1111-1111-111111111111'.
gradingPeriod	Does not display in the Campus UI. Term.termGUID OneRosterClass.structureID (ScheduleStructure.structureID)	If the assignment is aligned to a Category within a Term, returns the TermGUID. Otherwise, returns the StructureGUID of the Schedule Structure
resultValueMin	N/A	Returns as '0'. This value is not recorded in Campus
resultValueMax	Instruction > Grade Book > select assignment > Grading > Points LessonPlanGroupActivity.totalPoints	Points possible on the assignment.

Results

Data Element Name in OneRoster Spec	Campus Interface & Database Location	Description & Notes
sourcedId	Does not display in the Campus UI LessonPlanScore.externalLMSSourcedID	Format determined by vendor.
status	N/A	Returns as 'active'.
dateLastModified	Does not display in the Campus UI. LessonPlanScore.modifiedDate	Returns the Modified Date of the record. If null, returns '1/1/1970'.
lineItem	Instruction > Grade Book > assignment > Support Information (see LineItems for more information) IMLearningObjectSection.externalLMSSourcedId	Returns the sourceId of the lineItem that is being created or updated.
student	Does not display in the Campus UI. LessonPlanScore.personID	Returns the studentId of the associated student prepended with 's'.

scoreStatus	Instruction > Grade Book > score and flag(s) for an assignment LessonPlanScore.exempt, LessonPlanScore.missing, LessonPlanScore.score	Score flags are mapped as follows: • Exempt mapped to 'exempt' in Campus. • Not Submitted mapped to 'missing' or an empty score in Campus • 'Submitted' for all other flags.
score	Instruction > Grade Book > an assignment score LessonPlanScore.score	If the score is a numeric value, returns the float value of the score. Otherwise returns as null. A 440 error is generated if a non-numeric score is entered.
scoreDate	Does not display in the Campus UI. LessonPlanScore.modifiedDate	Returns the Modified Date of the score, or as 'now' if null. This field does not return the LessonPlanScore.scoreDate.
comment	Instruction > Grade Book > assignment score comment LessonPlanScore.comments	Note: Campus limits comments to 250 characters.

Categories

How categories are handled by OneRoster depends on vendor setup. If the vendor program is set up to receive categories from Campus, refer to the first table of logic below. If not, refer to the second table.

Vendors Using Categories

Data Element Name in OneRoster Spec	Campus Interface & Database Location	Description & Notes
sourcedId	LessonPlanGroup.groupID	eg. 12345
status	N/A	Returns as 'active'.
dateLastModified	LessonPlanGroup.modifiedDate	Last modified date if available, otherwise 1970-01-01.
metadata	classId: string	classId is the class sourcedId for the category (sectionID) eg. 12345
title	LessonPlanGroup.name	Returns the name of category

weight	LessonPlanGroup.weight	Weight of the category in grading.

Vendors Not Using Categories

Data Element Name in OneRoster Spec	Campus Interface & Database Location	Description & Notes
sourcedId	N/A	Returns a value of '11111111-1111-1111-1111-111111111111'.
status	N/A	Returns as 'active'.
dateLastModified	N/A	Always returns as '1-1-1970'.
title	N/A	Returns as 'Grade Book Score'.

Class Groups

Class groups is a OneRoster extension. In Campus, teachers are allowed to create cross-section Section Groups. These are represented in OneRoster as Class Groups.

Data Element Name in OneRoster Spec	Campus Interface & Database Location	Description & Notes
sourcedId	Does not display in the Campus UI. SectionGroup.sectionGroupID	eg. 12345
status	N/A	Returns as 'active'.
dateLastModified	N/A	Returns the current date/time.
metadata	N/A	N/A
title	Instruction > Grades > Grade Book > Settings > Section Groups > Name SectionGroup.name	Returns the name of the section group.
groupType	Does not display in the Campus UI. SectionGroup.autogenerated	If the group is auto-generated, returns 'cross-listed'. Otherwise returns 'Cohort'.
classes	OneRosterClass.sectionID	Returns a list of sectionIDs for sections included in the Class Group.

FAQ

How do I know the OneRoster connection is working on the Campus end? How do I know what data is being retrieved from Campus?

Use the OneRoster API Documentation to verify your Campus connection to the OneRoster API and show what data the API is collecting for various endpoints. The API documentation also allows you to query specific data in OneRoster via the sourceId. See the What are sourcedIds? section above for more information.

Why is a user not being retrieved from Campus?

For OneRoster 1.1, users need user accounts to be included in OneRoster. User accounts can be created individually, en masse, or automatically.

Teachers need a District Assignment with a Role of *Teacher* marked.

Non-Teachers staff members need a District Assignment with a Role other than or in addition to *Teacher* marked.

Who populates a student's "Agents" list?

The Agents list includes all Guardians and Relatives who have access to Campus Parent and a Guardian or non-Guardian relationship (respectively) to a student in the current year. Grade Book sync must be enabled for the OneRoster connection to return this information.