

Sync with SFTP

How it Works

In this section we will outline how to configure your student information system to automatically sync changes with Abre. You can automate student and staff information syncs for the following data files:

File Format	.txt files (tab delimited) .csv files (comma separated)
File Names	File names need to match exactly
Frequency	Nightly (Ideally between 9:00 pm and 12:00 am)
Required	Any field that is marked with an asterisks (*) is considered a required field
Headers	The first row of every file loaded into Abre should be a header containing the name of the data contained within the respective column. If you choose not to send data for a non-required field, the corresponding header column is still required.

File	Required?
Abre_Courses	Yes
Abre_Staff	Yes
Abre_StaffSchedules	Yes
Abre_Students_1.0	Yes
Abre_StudentSchedules	Yes
Abre_AD	Yes
Abre_Gifted_1.0	Recommended
Abre_EL_1.0	Recommended
Abre_ParentContacts_1.0	Recommended
Abre_Attendance_2.0	Recommended
Abre_StudentACT	Recommended
Abre_StudentAP	Recommended
Abre_StudentAssessments	Recommended
Abre_Grades_2.0	Optional
Abre_Assignments_1.0	Optional
Abre_Student_Counselors	Optional
Abre_Attendance_Cumulative	Optional
Abre_Student_UnWeightedGPA	Optional
Abre_StudentCredits_2.0	Optional
Abre_Behavior	Optional
Abre_Discipline	Optional
GG4L_Demographics	Optional GG4L Supplemental

Abre_Courses

NOTE: The first row of every file loaded into Abre should be a header containing the name of the data contained within the respective column. If you choose not to send data for a non-required field, the corresponding header column is still required.

Administration>Export File Builder>Add. Fill in Interface Name, choose Schedule under Product Type. Choose Save Exported Files in Database. Save. To automate the export choose the UNC Path option. Will need to contact Skyward to set up.

Open the drop down for the new Interface. Add Export File. Data Type>Staff Schedule. Change the extension in File Name from .dat to .txt (recommend using .csv while building and testing the export for ease of viewing and checking data, then change to .txt.) File Type>delimited.

Delimiter>comma. Check the box to Output Field Headers in Line 1. Save.

Open the drop down for the new Export File. Go to Main Export Fields. Edit Selected Fields. Add the fields from the following chart.

Change the Heading column name by using Edit under Main Export Fields>Field.

Field	Description	Where to extract in Skyward and/or what script/query is needed?
School Code*	Unique, district-assigned school code, which can contain alphanumeric characters.	Entity>Entity ID
Course Code*	Unique, district-assigned course code, which can contain alphanumeric characters.	Course>Course Key
Section Code*	Unique, district-assigned section code, which can contain alphanumeric characters.	Class>Section
Staff ID*	Unique, district-assigned staff ID, which can contain alphanumeric characters.	Class>Primary Teacher>Teacher Name ID
Term Code*	Term of the course. The term code format supports (Sem1, Sem2, Tri1, Tri2, Tri3, Q1, Q2, Q3, Q4, Year)	Class>Control Set ID *Results may need to be transformed to fit allowed codes - Go to Main Export Fields>Field>Edit. Use Data

		Cross-Reference to take the Current Value and Convert to an allowed value.
Period*	Period of the course (1, 2, 3, etc.)	Class>Periods>Display Period

Abre_Staff

NOTE: The first row of every file loaded into Abre should be a header containing the name of the data contained within the respective column. If you choose not to send data for a non-required field, the corresponding header column is still required.

Administration>Export File Builder>Add. Fill in Interface Name, choose Staff under Product Type. Choose Save Exported Files in Database. Save.

Open the drop down for the new Interface. Add Export File. Data Type>Staff. Change the extension in File Name from .dat to .txt (recommend using .csv while building and testing the export for ease of viewing and checking data, then change to .txt.) File Type>delimited.

Delimiter>comma. Check the box to Output Field Headers in Line 1. To only export active staff: Export File Ranges>Staff Ranges>CY Status>Active. Save.

Open the drop down for the new Export File. Go to Main Export Fields. Edit Selected Fields. Add the fields from the following chart.

Filler columns can be inserted for unused data columns. Go to Miscellaneous>Filler. Change the Heading column name by using Edit under Main Export Fields>Field. Check the Export Data Field to File box.

Change the Heading column name by using Edit under Main Export Fields>Field.

Field	Description	Where to extract in Skyward and/or what script/query is needed?
Staff ID*	Unique, district-assigned staff ID, which can contain alphanumeric characters.	Staff>Internal ID
School Code*	Unique, district-assigned school code, which can contain alphanumeric characters.	Entity>Entity ID
First Name*	Staff first name	Staff>Name>First Name
Middle Name	Staff middle name	Staff>Name>Middle Name
Last Name*	Staff last name	Staff>Name>Last Name
Gender	Staff gender (M or F)	Staff>Gender
Date of Birth	Date in format (YYYY-MM-DD)	Staff>Staff DOB *Change format using Edit under Main Export Fields>Field>Staff DOB. In

		Format Options use drop down to change to YYYY-MM-DD
Address Line 1	Staff address line 1	Staff>Address>Street Address
Address Line 2	Staff address line 2	Staff>Address>Address 2
City	Staff city	Staff>Address>City
State	Staff state	Staff>Address>State
Zip Code	Staff zip code	Staff>Address>Zip Code
Phone	Staff phone	Staff>Phone Number>Primary Phone
Email*	Staff email	Staff>Email Addresses>Work Email Address
Hiring Date	Staff hiring date in format (YYYY-MM-DD)	Not available in Skybuild or Data Mining. It is stored in the database table STAFF-ASSIGNMENTS, field name START-DATE, or HPMASN-ASSIGNMENTS table, field name HPMASN-START-DATE

Abre_StaffSchedules

NOTE: The first row of every file loaded into Abre should be a header containing the name of the data contained within the respective column. If you choose not to send data for a non-required field, the corresponding header column is still required.

Administration>Export File Builder>Add. Fill in Interface Name, choose Schedule under Product Type. Choose Save Exported Files in Database. Save.

Open the drop down for the new Interface. Add Export File. Data Type>Staff Schedule. Change the extension in File Name from .dat to .txt (recommend using .csv while building and testing the export for ease of viewing and checking data, then change to .txt.) File Type>delimited.

Delimiter>comma. Check the box to Output Field Headers in Line 1. Save.

Open the drop down for the new Export File. Go to Main Export Fields. Edit Selected Fields. Add the fields from the following chart.

Change the Heading column name by using Edit under Main Export Fields>Field.

Field	Description	Where to extract in Skyward and/or what script/query is needed?
Staff ID*	Unique, district-assigned staff ID, which can contain alphanumeric characters.	Class>Primary Teacher>Teacher Name ID
School Code*	Unique, district-assigned school code, which can contain alphanumeric characters.	Entity>Entity ID
Course Code*	Unique, district-assigned course code, which can contain alphanumeric characters.	Course>Course Key
Section Code*	Unique, district-assigned section code, which can contain alphanumeric characters.	Class>Section
Term Code*	Term of the course. The term code format supports (Sem1, Sem2, Tri1, Tri2, Tri3, Q1, Q2, Q3, Q4, Year)	Class>Control Set ID *Results may need to be transformed to fit allowed codes - Go to Main Export Fields>Field>Edit. Use Data Cross-Reference to take the Current Value and Convert to an allowed value.
Period*	Period of the course (1, 2, 3, etc.)	Class>Periods>Display Period
Course Name*	Name of course	Course>Course Short Description or Course>Course Long Description
Teacher Name*	Name of teacher (first and last name)	Staff>Name>First Name Staff>Name>Last Name *These two fields will need to be grouped. Go to Main Export Fields>Field>Edit. Group this Field with Adjacent Fields. Edit both

		fields and Group With (use the same group number)
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Abre_Students_1.0

NOTE: The first row of every file loaded into Abre should be a header containing the name of the data contained within the respective column. If you choose not to send data for a non-required field, the corresponding header column is still required.

Administration>Export File Builder>Add. Fill in Interface Name, choose Demographic under Product Type. Choose Save Exported Files in Database. Save.

Open the drop down for the new Interface. Add Export File. Data Type>Student. Change the extension in File Name from .dat to .txt (recommend using .csv while building and testing the export for ease of viewing and checking data, then change to .txt.) File Type>delimited.

Delimiter>comma. Check the box to Output Field Headers in Line 1. Export File Ranges can be used to select only active students, specific entities, and grade levels. Save.

Open the drop down for the new Export File. Go to Main Export Fields. Edit Selected Fields. Add the fields from the following chart.

Filler columns can be inserted for unused data columns. Go to Miscellaneous>Filler. Change the Heading column name by using Edit under Main Export Fields>Field. Check the Export Data Field to File box.

Change the Heading column name by using Edit under Main Export Fields>Field.

Field	Description	Where to extract in Skyward and/or what script/query is needed?
Student ID*	Unique, district-assigned student ID, which can contain alphanumeric characters.	General>Student ID
Student First Name*	Student first name	General>Profile>Name>Student First Name
Student Middle Name	Student middle name	General>Profile>Name>Student Middle Name
Student Last Name*	Student last name	General>Profile>Name>Student Last Name
Gender	(F or M)	General>Profile>Gender (M/F)
Ethnicity Code	Student Ethnicity (W, B, etc)	General>Profile>Federal Race>Federal Race *Results may need to be transformed to fit allowed

		codes - Go to Main Export Fields>Field>Edit. Use Data Cross-Reference to take the Current Value and Convert to an allowed value.
Ethnicity Description	Student Ethnicity (American Indian or Alaskan Native, Asian, Black or African American, Hispanic or Latino, Multiethnic, Native Hawaiian or Other Pacific Islander, White)	General>Profile>Federal Race>Federal Race Description
Date of Birth	Date in format (YYYY-MM-DD)	General>Profile>Birthdate *Change format using Edit under Main Export Fields>Fields>Birthdate. In Format Options use drop down to change to YYYY-MM-DD
Email	Student Personal Email Address	General>Profile>Email Addresses>Home Email Address
SSID	Unique, state-assigned student ID, which can contain alphanumeric characters.	NCLB>State Student Number
IEP Status	(Y or N)	Special Ed - Current>Evaluation Info>Special Education Student *Results may need to be transformed to fit allowed codes - Go to Main Export Fields>Field>Edit. Use Data Cross-Reference to take the Current Value and Convert to an allowed value.
Gifted Status	(Y or N)	Gifted & Talented Mod>Gifted Status or Special Programs>Gifted>Gifted/Talented Status

		*Results may need to be transformed to fit allowed codes - Go to Main Export Fields>Field>Edit. Use Data Cross-Reference to take the Current Value and Convert to an allowed value.
Economically Disadvantaged	(Y or N)	Special Programs *Results may need to be transformed to fit allowed codes - Go to Main Export Fields>Field>Edit. Use Data Cross-Reference to take the Current Value and Convert to an allowed value.
Title 1	(Y or N)	NCLB>Title 1>Title 1 Status *Results may need to be transformed to fit allowed codes - Go to Main Export Fields>Field>Edit. Use Data Cross-Reference to take the Current Value and Convert to an allowed value.
Title 3	(Y or N)	Not available in Skybuild. Can be exported in Data Mining under Special Programs>LEP>Title III (Y/N)
ELL Status	(Y or N)	Special Programs>LEP>Current ELL Status *Results may need to be transformed to fit allowed codes - Go to Main Export Fields>Field>Edit. Use Data Cross-Reference to take the Current Value and Convert to an allowed value.
School Code*	Unique, district-assigned school code, which can contain alphanumeric characters.	Entity>Current School>Current School Code
School Name*	School name	Entity>Current School>Current School Name

Current Grade	Grade level of student	General>Profile>Student Grade
Status	Student Status (A, I, etc)	General>Student Status Code
Username	Text String	General>Student Access>Student Access Login
Password	Text String	General>Student Access>Student Access Password
504 Status	(Y or N)	Special Programs>Section 504>Section 504 Status *Results may need to be transformed to fit allowed codes - Go to Main Export Fields>Field>Edit. Use Data Cross-Reference to take the Current Value and Convert to an allowed value.
Ok to Publish	(Y or N) NOTE: If not set, the value will default to Y	Miscellaneous>Constant Value *can create a constant value and set to Y or N

Abre_StudentSchedules

NOTE: The first row of every file loaded into Abre should be a header containing the name of the data contained within the respective column. If you choose not to send data for a non-required field, the corresponding header column is still required.

Administration>Export File Builder>Add. Fill in Interface Name, choose Schedule under Product Type. Choose Save Exported Files in Database. Save.

Open the drop down for the new Interface. Add Export File. Data Type>Student Schedule.

Change the extension in File Name from .dat to .txt (recommend using .csv while building and testing the export for ease of viewing and checking data, then change to .txt.)File

Type>delimited. Delimiter>comma. Check the box to Output Field Headers in Line 1. Export File Ranges can be used to select only active students, specific entities, and grade levels. Save.

Open the drop down for the new Export File. Go to Main Export Fields. Edit Selected Fields. Add the fields from the following chart.

Filler columns can be inserted for unused data columns. Go to Miscellaneous>Filler. Change the Heading column name by using Edit under Main Export Fields>Field. Check the Export Data Field to File box.

Change the Heading column name by using Edit under Main Export Fields>Field.

Field	Description	Where to extract in Skyward and/or what script/query is needed?
Student ID*	Unique, district-assigned student ID, which can contain alphanumeric characters.	General>Student ID
Student First Name*	Student first name	General>Profile>Name>Student First Name
Student Last Name*	Student last name	General>Profile>Name>Student Last Name
School Code*	Unique, district-assigned school code, which can contain alphanumeric characters.	Entity>Entity Information>Entity ID
Course Code*	Unique, district-assigned course code, which can contain alphanumeric characters.	Course>Course ID

Section Code*	Unique, district-assigned section code, which can contain alphanumeric characters.	Class>Section
Course Name*	Title of course	Course>Course Long Description Or Course>Course Short Description
Staff ID*	Unique, district-assigned staff ID, which can contain alphanumeric characters.	Class>Teachers>Primary Teacher>Teacher Name ID
Teacher Name*	Name of teacher (first and last name)	Staff>Name>First Name Staff>Name>Last Name *These two fields will need to be grouped. Go to Main Export Fields>Field>Edit. Group this Field with Adjacent Fields. Edit both fields and Group With (use the same group number)
Term Code*	Term of the course. The term code format supports (Sem1, Sem2, Tri1, Tri2, Tri3, Q1, Q2, Q3, Q4, Year)	Class>Control Set>Control Set ID *Results may need to be transformed to fit allowed codes - Go to Main Export Fields>Field>Edit. Use Data Cross-Reference to take the Current Value and Convert to an allowed value.
Period*	Period of the course (1, 2, 3, etc.)	Class>Periods>Display Period
Student IEP Status	(Y or N)	Special Ed - Current>Evaluation Info>Special Education Student *Results may need to be transformed to fit allowed codes - Go to Main Export Fields>Field>Edit. Use Data Cross-Reference to take the Current Value and Convert to an allowed value.

Student Gifted Status	(Y or N)	Gifted & Talented Mod>Gifted Status or Special Programs>Gifted>Gifted/Talented Status *Results may need to be transformed to fit allowed codes - Go to Main Export Fields>Field>Edit. Use Data Cross-Reference to take the Current Value and Convert to an allowed value.
Student ELL Status	(Y or N)	Special Programs>LEP>Current ELL Status *Results may need to be transformed to fit allowed codes - Go to Main Export Fields>Field>Edit. Use Data Cross-Reference to take the Current Value and Convert to an allowed value.
Room Number	Class room number	Class>Room Number

Abre_AD

NOTE: The first row of every file loaded into Abre should be a header containing the name of the data contained within the respective column. If you choose not to send data for a non-required field, the corresponding header column is still required.

Administration>Export File Builder>Add. Fill in Interface Name, choose Demographic under Product Type. Choose Save Exported Files in Database. Save.

Open the drop down for the new Interface. Add Export File. Data Type>Student. Change the extension in File Name from .dat to .txt (recommend using .csv while building and testing the

export for ease of viewing and checking data, then change to .txt.) File Type>delimited. Delimiter>comma. Check the box to Output Field Headers in Line 1. Export File Ranges can be used to select only active students, specific entities, and grade levels. Save. Open the drop down for the new Export File. Go to Main Export Fields. Edit Selected Fields. Add the fields from the following chart. Change the Heading column name by using Edit under Main Export Fields>Field.

Field	Description	Where to extract in Skyward and/or what script/query is needed?
Email*	Student email address (school assigned)	General>Profile>Email Addresses>School Email address
Student ID*	Unique, district-assigned student ID, which can contain alphanumeric characters.	General>Student ID

Abre_Gifted_1.0

NOTE: The first row of every file loaded into Abre should be a header containing the name of the data contained within the respective column. If you choose not to send data for a non-required field, the corresponding header column is still required.

Administration>Export File Builder>Add. Fill in Interface Name, choose Demographic under Product Type. Choose Save Exported Files in Database. Save.

Open the drop down for the new Interface. Add Export File. Data Type>Student. Change the extension in File Name from .dat to .txt (recommend using .csv while building and testing the export for ease of viewing and checking data, then change to .txt.) File Type>delimited.

Delimiter>comma. Check the box to Output Field Headers in Line 1. Export File Ranges can be used to select only active students, specific entities, and grade levels. Save.

Open the drop down for the new Export File. Go to Main Export Fields. Edit Selected Fields. Add the fields from the following chart.

Filler columns can be inserted for unused data columns. Go to Miscellaneous>Filler. Change the Heading column name by using Edit under Main Export Fields>Field. Check the Export Data Field to File box.

Change the Heading column name by using Edit under Main Export Fields>Field.

Field	Description	Where to extract in Skyward and/or what script/query is needed?
Student ID*	Unique, district-assigned student ID, which can contain alphanumeric characters.	General>Student ID
Cognitive Screening*	(Y or N)	Gifted & Talented Module>Has Current Area
Cognitive Assessment*	(Y or N)	Gifted & Talented Module>Gifted Area 1>Active in Area Gifted Area 1 - the area used is dependent on district setup. There are 3 areas available.
Cognitive Served*	(Y or N)	
Cognitive Identified*	(Y or N)	
Cognitive Identified Date	(YYYY-MM-DD) or empty	Gifted & Talented

		Module>Gifted Area 1>Date Identified Gifted Area 1 - the area used is dependent on district setup. There are 3 areas available.
Creative Thinking Screening*	(Y or N)	
Creative Thinking Assessment*	(Y or N)	
Creative Thinking Served*	(Y or N)	
Creative Thinking Identified*	(Y or N)	
Creative Thinking Identified Date	(YYYY-MM-DD) or empty	
Math Screening*	(Y or N)	
Math Assessment*	(Y or N)	
Math Served*	(Y or N)	
Math Identified*	(Y or N)	
Math Identified Date	(YYYY-MM-DD) or empty	
Reading Screening*	(Y or N)	
Reading Assessment*	(Y or N)	
Reading Served*	(Y or N)	
Reading Identified*	(Y or N)	
Reading Identified Date	(YYYY-MM-DD) or empty	
Social Studies Screening*	(Y or N)	
Social Studies Assessment*	(Y or N)	
Social Studies Served*	(Y or N)	
Social Studies Identified*	(Y or N)	
Social Studies Identified Date	(YYYY-MM-DD) or empty	
Visual Performing Arts	(Y or N)	

Screening*		
Visual Performing Arts Assessment*	(Y or N)	
Visual Performing Arts Served*	(Y or N)	
Visual Performing Arts Identified*	(Y or N)	
Visual Performing Arts Identified Date	(YYYY-MM-DD) or empty	
Science Screening*	(Y or N)	
Science Assessment*	(Y or N)	
Science Served*	(Y or N)	
Science Identified*	(Y or N)	
Science Identified Date	(YYYY-MM-DD) or empty	

Abre_EL_1.0

NOTE: The first row of every file loaded into Abre should be a header containing the name of the data contained within the respective column. If you choose not to send data for a non-required field, the corresponding header column is still required.

Administration>Export File Builder>Add. Fill in Interface Name, choose Demographic under Product Type. Choose Save Exported Files in Database. Save.

Open the drop down for the new Interface. Add Export File. Data Type>Student. Change the extension in File Name from .dat to .txt (recommend using .csv while building and testing the export for ease of viewing and checking data, then change to .txt.) File Type>delimited.

Delimiter>comma. Check the box to Output Field Headers in Line 1. Export File Ranges can be used to select only active students, specific entities, and grade levels. Save.

Filler columns can be inserted for unused data columns. Go to Miscellaneous>Filler. Change the Heading column name by using Edit under Main Export Fields>Field. Check the Export Data Field to File box.

Change the Heading column name by using Edit under Main Export Fields>Field.

Field	Description	Where to extract in Skyward and/or what script/query is needed?
Student ID*	Unique, district-assigned student ID, which can contain alphanumeric characters.	General>Student ID
Status		Special Programs>LEP>Current ELL Status
Status Code		Special Programs>LEP>Current ELL Status
Date Identified	YYYY-MM-DD	Special Programs>LEP>LEP Start Date *Change format using Edit under Main Export Fields>Fields. In Format Options use drop down to change to YYYY-MM-DD *This is using the start date of LEP. Date First Enrolled in ESL is not available in Skybuild. It is available in

		Data Mining.
Home Language		General>Profile>Language>Language Description
Home Language Code		General>Profile>Language>Language Code
Native Language		Not available to Skybuild Exports - Located on the Student Profile>Special Programs>*Ltd Eng Pro Can be pulled in a data mining report.
Native Language Code		Not available to Skybuild Exports - Data located on the Student Profile>Special Programs>*Ltd Eng Pro Can be pulled in a data mining report.
Place of Birth		General>Profile>Birth History>Birth State>Birth State
Country of Birth		General>Profile>Birth History>Birth Country
Country of Birth Code		General>Profile>Birth History>Birth Country
US Start Date	YYYY-MM-DD	Not in Skyward
English Proficiency		Not in Skyward

Abre_ParentContacts_1.0

NOTE: The first row of every file loaded into Abre should be a header containing the name of the data contained within the respective column. If you choose not to send data for a non-required field, the corresponding header column is still required.

Administration>Export File Builder>Add. Fill in Interface Name, choose Demographic under Product Type. Choose Save Exported Files in Database. Save.

Open the drop down for the new Interface. Add Export File. Data Type>Guardian. Change the extension in File Name from .dat to .txt (recommend using .csv while building and testing the export for ease of viewing and checking data, then change to .txt.) File Type>delimited.

Delimiter>comma. Check the box to Output Field Headers in Line 1. Export File Ranges can be used to select only active students, specific entities, and grade levels. Save.

Filler columns can be inserted for unused data columns. Go to Miscellaneous>Filler. Change the Heading column name by using Edit under Main Export Fields>Field. Check the Export Data Field to File box.

Change the Heading column name by using Edit under Main Export Fields>Field.

Field	Description	Where to extract in Skyward and/or what script/query is needed?
Student ID*	Unique, district-assigned student ID, which can contain alphanumeric characters.	General>Student ID
Parent First Name*	Parent first name	Guardian>Name>First Name
Parent Middle Name	Parent middle name	Guardian>Name>Middle Name
Parent Last Name*	Parent last name	Guardian>Name>Last Name
Parent Address Line 1		Guardian>Address>Street address
Parent Address Line 2		Guardian>Address>Address 2
Parent City		Guardian>Address>City
Parent State		Guardian>Address>State

Parent Zip Code		Guardian>Address>Zip Code
Parent Phone 1		Guardian>Phone Numbers>Primary Phone
Parent Phone 2		Guardian>Phone Numbers>Cell Phone
Parent Email		Guardian>Email Address
Relationship		Guardian>Relationship>Relationship Code
Description		Guardian>Relationship>Relationship Long Description Or Guardian>Relationship>Relationship Short Description
Primary Contact	Primary contact (Y or N)	Guardian>Primary Contact *Results may need to be transformed to fit allowed codes - Go to Main Export Fields>Field>Edit. Use Data Cross-Reference to take the Current Value and Convert to an allowed value.

Abre_Attendance_2.0

NOTE: The first row of every file loaded into Abre should be a header containing the name of the data contained within the respective column. If you choose not to send data for a non-required field, the corresponding header column is still required.

Abre assumes one unique attendance record per student per day. If you have a need to share attendance by period, or multiple records per student, per day, please consult with your Client Success Manager prior to configuring your direct export.

Administration>Export File Builder>Add. Fill in Interface Name, choose Attendance under Product Type. Choose Save Exported Files in Database. Save.

Open the drop down for the new Interface. Add Export File. Data Type>Attendance (By Date).

Change the extension in File Name from .dat to .txt (recommend using .csv while building and testing the export for ease of viewing and checking data, then change to .txt.) File

Type>delimited. Delimiter>comma. Check the box to Output Field Headers in Line 1. Export File

Ranges can be used to select only active students, specific entities, and grade levels. Under

Attendance Ranges select the dates of the current year in the Date fields and then select the

Absence Types button. Add the Absence Types you want to report. Save.

Filler columns can be inserted for unused data columns. Go to Miscellaneous>Filler. Change the Heading column name by using Edit under Main Export Fields>Field. Check the Export Data Field to File box.

Change the Heading column name by using Edit under Main Export Fields>Field.

Field	Description	Where to extract in Skyward and/or what script/query is needed?
Student ID*	Unique, district-assigned student ID, which can contain alphanumeric characters.	General>Student ID
School Code*	Unique, district-assigned school code, which can contain alphanumeric characters.	Entity>Entity Information>Entity ID
Absence Date*	Student absence date. The date format is YYYY-MM-DD.	Attendance Detail>Attnnd. Date *Change format using Edit under Main Export Fields>Fields. In Format Options use drop down to

		change to YYYY-MM-DD
Absence Reason Code	Absence code	Attendance Detail>Attnd. Reason # (choose the period daily attendance is reported in)
Absence Reason Description	Absence description	Attendance Detail>Attend. Reason Desc # (choose the period daily attendance is reported in)
Absence Category Code	Absence code category	Attendance Detail>Attnd. Type # (choose the period daily attendance is reported in)
Hours Missed	Number of hours missed (can be a integer or decimal up to 2 places)	Data not tracked in Skyward
Attendance Level	String of Text	Data not tracked in Skyward

Abre_StudentACT

NOTE: The first row of every file loaded into Abre should be a header containing the name of the data contained within the respective column. If you choose not to send data for a non-required field, the corresponding header column is still required.

Administration>Export File Builder>Add. Fill in Interface Name, choose Demographic under Product Type. Choose Save Exported Files in Database. Save.

Open the drop down for the new Interface. Add Export File. Data Type>Test Scores. Change the extension in File Name from .dat to .txt (recommend using .csv while building and testing the export for ease of viewing and checking data, then change to .txt.) File Type>delimited.

Delimiter>comma. Check the box to Output Field Headers in Line 1. Export File Ranges can be used to select only active students, specific entities, and grade levels. In Test Score Ranges select the Test_Link button. Choose the ACT test. Save.

Change the Heading column name by using Edit under Main Export Fields>Field.

Field	Description	Where to extract in Skyward and/or what script/query is needed?
Student ID*	Unique, district-assigned student ID, which can contain alphanumeric characters.	General>Student ID
Student Last Name*	Student last name	General>Profile>Name>Last Name
Student First Name*	Student first name	General>Profile>Name>First Name
Category Name*	Name of test (Composite Score, Math, etc). A category of "Composite Score" is required to show data in the Student360.	Test Scores-All>Test Score Long Description *May need to use Data Cross-Reference if the name is not "Composite Score" Go to Main Export Fields>Field>Edit. In Field Configuration Value enter "Composite Score". *Link to the ACT test. Use Edit under Main Export Fields>Field. In Test Score Link use the Test_Link button. Choose the correct test and expand. Select the radio

		button next to the correct composite score. Or Can use a constant value: Miscellaneous>Constant Value
Testing Date*	Date in format (YYYY-MM-DD)	Test Scores-All>Test Date *Change format using Edit under Main Export Fields>Fields. In Format Options use drop down to change to YYYY-MM-DD
Score*	Student score	Test Scores-All>Test Score *Link to the ACT test. Use Edit under Main Export Fields>Field. In Test Score Link use the Test_Link button. Choose the correct test and expand. Select the radio button next to the correct composite score.

Abre_StudentAP

NOTE: The first row of every file loaded into Abre should be a header containing the name of the data contained within the respective column. If you choose not to send data for a non-required field, the corresponding header column is still required.

Administration>Export File Builder>Add. Fill in Interface Name, choose Demographic under Product Type. Choose Save Exported Files in Database. Save.

Open the drop down for the new Interface. Add Export File. Data Type>Test Scores. Change the extension in File Name from .dat to .txt (recommend using .csv while building and testing the export for ease of viewing and checking data, then change to .txt.) File Type>delimited.

Delimiter>comma. Check the box to Output Field Headers in Line 1. Export File Ranges can be used to select only active students, specific entities, and grade levels. In Test Score Ranges select the Test_Link button. Choose the AP test. Save.

Multiple export files can be created under an interface.

Change the Heading column name by using Edit under Main Export Fields>Field.

Field	Description	Where to extract in Skyward and/or what script/query is needed?
Student ID*	Unique, district-assigned student ID, which can contain alphanumeric characters.	General>Student ID
Student Last Name*	Student last name	General>Profile>Name>Last Name
Student First Name*	Student first name	General>Profile>Name>First Name
Exam Subject*	Name of exam subject	Test Scores-All>Test Score Long Description *Link to the AP test. Use Edit under Main Export Fields>Field. In Test Score Link use the Test_Link button. Choose the correct test and expand. Select the radio button next to the correct score.
Testing Date*	Testing date in format (YYYY-MM-DD)	Test Scores-All>Test Date *Change format using Edit under Main Export

		Fields>Fields. In Format Options use drop down to change to YYYY-MM-DD
Score*	Student Score	Test Scores-All>Test Score *Link to the AP test. Use Edit under Main Export Fields>Field. In Test Score Link use the Test_Link button. Choose the correct test and expand. Select the radio button next to the correct score.

Abre_StudentAssessments

NOTE: The first row of every file loaded into Abre should be a header containing the name of the data contained within the respective column. If you choose not to send data for a non-required field, the corresponding header column is still required.

Administration>Export File Builder>Add. Fill in Interface Name, choose Demographic under Product Type. Choose Save Exported Files in Database. Save.

Open the drop down for the new Interface. Add Export File. Data Type>Test Scores. Change the extension in File Name from .dat to .txt (recommend using .csv while building and testing the export for ease of viewing and checking data, then change to .txt.) File Type>delimited.

Delimiter>comma. Check the box to Output Field Headers in Line 1. Export File Ranges can be used to select only active students, specific entities, and grade levels. In Test Score Ranges select the Test_Link button. Choose the appropriate test. Save.

Multiple export files can be created under an interface.

Change the Heading column name by using Edit under Main Export Fields>Field.

*Not all fields are available in Skybuild. A Student Data Mining report can be built that includes most of the fields. Go to Students>Students>Data Mining>Add. Name the report and accept the default settings, Save and Add Fields. The field paths to use are in the chart marked with DM.

Field	Description	Where to extract in Skyward and/or what script/query is needed?
Student ID*	Unique, district-assigned student ID, which can contain alphanumeric characters.	General>Student ID DM - General>Profile>Internal ID
First Name*	Student first name	General>Profile>Name>Last Name DM - General>Profile>Student First Name
Last Name*	Student last name	General>Profile>Name>First Name DM - General>Profile>Student Last Name
Grade Level	Grade level of student	General>Profile>Student Grade

		DM - General>Profile>Grade
Status	Student status in SIS	General>Student Status DM - General>Profile>Default Status
Test Name*	Name of assessment	Test Scores-All>Test Score Long Description *Link to the test. Use Edit under Main Export Fields>Field. In Test Score Link use the Test_Link button. Choose the correct test and expand. Select the radio button next to the correct score. DM - Assessment>Test Information>Test Name
Test Date*	Test date in format (YYYY-MM-DD)	Test Scores-All>Test Date *Change format using Edit under Main Export Fields>Fields. In Format Options use drop down to change to YYYY-MM-DD DM - Assessment>Test Information>Date Taken
AssessmentArea*	Name of Assessment (Subject/Grade Level)	Not in Skybuild DM - Assessment>Test Information>Edition Description or Element Description (depends on the setup of your test templates)
Accommodations*	Student accommodations (YES or NO)	Not in Skybuild Could create a constant value set to NO. Would require manual change for YES. Miscellaneous>Constant Value DM - There is not a field for accommodations, but

		another field could be repurposed or built into the test template for this.
Scaled Score*	Score of assessment	Test Scores-All>Test Score *Link to the test. Use Edit under Main Export Fields>Field. In Test Score Link use the Test_Link button. Choose the correct test and expand. Select the radio button next to the correct score. DM - Assessment>Test Information>Test Score
Performance Level*	Student performance level	Not in Skybuild DM - Assessment>Test Information>Test Level
School Code*	Unique, district-assigned school code, which can contain alphanumeric characters.	Entity>Entity Information>Entity ID Entity>Entity Code

Abre_Grades_2.0

NOTE: The first row of every file loaded into Abre should be a header containing the name of the data contained within the respective column. If you choose not to send data for a non-required field, the corresponding header column is still required.

Administration>Export File Builder>Add. Fill in Interface Name, choose Gradebook under Product Type. Choose Save Exported Files in Database. Save.

Open the drop down for the new Interface. Add Export File. Data Type>Grades By Grade Bucket. Change the extension in File Name from .dat to .txt (recommend using .csv while building and testing the export for ease of viewing and checking data, then change to .txt.) File

Type>delimited. Delimiter>comma. Check the box to Output Field Headers in Line 1. Export File Ranges can be used to select only active students, specific entities, and grade levels. Save.

Open the drop down for the new Export File. Go to Main Export Fields. Edit Selected Fields. Add the fields from the following chart.

Filler columns can be inserted for unused data columns. Go to Miscellaneous>Filler. Change the Heading column name by using Edit under Main Export Fields>Field. Check the Export Data Field to File box.

Change the Heading column name by using Edit under Main Export Fields>Field.

Multiple export files can be created under an interface.

Field	Description	Where to extract in Skyward and/or what script/query is needed?
Student ID*	Unique, district-assigned student ID, which can contain alphanumeric characters.	General>Student ID
Course Code*	Unique, district-assigned course code, which can contain alphanumeric characters.	Course>Course Key
Section Code*	Unique, district-assigned section code, which can contain alphanumeric characters.	Class>Section
School Code*	Unique, district-assigned school code, which can contain alphanumeric characters.	Entity>Entity Information>Entity ID

Staff ID*	Unique, district-assigned staff ID, which can contain alphanumeric characters.	Class>Teachers>Primary Teacher>Teacher Name ID
Term Code*	Term of the course. The term code format supports (Sem1, Sem2, Q1, Q2, Q3, Q4, Tri1, Tri2, Tri3, Year)	Grade Bucket>Literal *Results may need to be transformed to fit allowed codes - Go to Main Export Fields>Field>Edit. Use Data Cross-Reference to take the Current Value and Convert to an allowed value.
Period*	Period of the course (1, 2, 3, etc.)	Class>Periods>Display Period
Class Name*	String (the class name)	Course>Course Long Description Or Course>Course Short Description
Teacher Name*	String (the teacher name)	Class>Teachers>Primary Teacher>Name>Teacher Full Name
Letter Grade	Current letter grade of course, which can contain alphanumeric characters. (A+, A, A-, B, C, etc.)	Grade By Grade Bucket>Grade Mark *The returned data will be determined by your district setup of grade buckets. *Results can be transformed to fit expected data - Go to Main Export Fields>Field>Edit. Use Data Cross-Reference to take the Current Value and Convert to an expected value.
Percentage	Current percentage of course, which can be a decimal number 0 or greater.	Grade By Grade Bucket>Grade Mark *The returned data will be determined by your district setup of grade buckets. *Results can be transformed to fit expected data - Go to Main Export Fields>Field>Edit. Use Data Cross-Reference to take the

		Current Value and Convert to an expected value.
Performance	String (Typically used for Standards Based Grading)	Depending on district setup of grades - Standards Gradebook Grades will require an additional export created under this export interface. For Data Type use Subject Skill Grades. When selecting fields use the Subject and Skill Grades area.

Abre_Assignments_1.0

NOTE: The first row of every file loaded into Abre should be a header containing the name of the data contained within the respective column. If you choose not to send data for a non-required field, the corresponding header column is still required.

Administration>Export File Builder>Add. Fill in Interface Name, choose Gradebook under Product Type. Choose Save Exported Files in Database. Save.

Open the drop down for the new Interface. Add Export File. Data Type>Student Schedule (By Term). Change the extension in File Name from .dat to .txt (recommend using .csv while building and testing the export for ease of viewing and checking data, then change to .txt.) File Type>delimited. Delimiter>comma. Check the box to Output Field Headers in Line 1. Export File Ranges can be used to select only active students, specific entities, and grade levels. Save. Open the drop down for the new Export File. Go to Main Export Fields. Edit Selected Fields. Add the fields from the following chart.

Filler columns can be inserted for unused data columns. Go to Miscellaneous>Filler. Change the Heading column name by using Edit under Main Export Fields>Field. Check the Export Data Field to File box.

Change the Heading column name by using Edit under Main Export Fields>Field.

Field	Description	Where to extract in Skyward and/or what script/query is needed?
Student ID*	Unique, district-assigned student ID, which can contain alphanumeric characters.	General>Student ID
Course Code*	Unique, district-assigned	Course>Course Key

	course code, which can contain alphanumeric characters.	
Section Code*	Unique, district-assigned section code, which can contain alphanumeric characters.	Class>Section ID
School Code*	Unique, district-assigned school code, which can contain alphanumeric characters.	Course>Entity>Default School>School Code
Staff ID*	Unique, district-assigned staff ID, which can contain alphanumeric characters.	Class>Teachers>Primary Teacher>Teacher Name ID
Term Code*	Term of the course. The term code format supports (Sem1, Sem2, Q1, Q2, Q3, Q4, Tri1, Tri2, Tri3, Year)	Class>Control Set>Control Set ID *Results may need to be transformed to fit allowed codes - Go to Main Export Fields>Field>Edit. Use Data Cross-Reference to take the Current Value and Convert to an allowed value.
Period*	Period of the course (1, 2, 3, etc.)	Class>Periods>Display Period
Title*	String	Assignment>Assignment Description
Description*	String	Assignment>Assignment Description *Skybuild does not offer an export for the Detailed Description of an assignment. Other options for this field would be the teacher's name, course description, subject description, etc.
Due Date	YYYY-MM-DD HH:MM:SS	Not available for export in Skybuild
Category	String	Not available for export in

		Skybuild
Earned Points	Earned points of assignment, which can be a decimal (up to 2 decimal places) number 0 or greater. Field also allows for 'M' characters for 'Missing' assignments.	Not available for export in Skybuild
Possible Points	Possible points of assignment, which can be a decimal (up to 2 decimal places) number 0 or greater.	Not available for export in Skybuild
Weight	Weight of assignment, which can be a decimal (up to 2 decimal places) number 0 or greater. (Example: .87 = a weight of 87%)	Not available for export in Skybuild
Comment	String	Not available for export in Skybuild
Published	(Y or N) NOTE: If not set, the value will default to Y	Not available for export in Skybuild

Abre_Student_Counselors

NOTE: The first row of every file loaded into Abre should be a header containing the name of the data contained within the respective column. If you choose not to send data for a non-required field, the corresponding header column is still required.

Administration>Export File Builder>Add. Fill in Interface Name, choose Demographic under Product Type. Choose Save Exported Files in Database. Save.

Open the drop down for the new Interface. Add Export File. Data Type>Student. Change the extension in File Name from .dat to .txt (recommend using .csv while building and testing the export for ease of viewing and checking data, then change to .txt.) File Type>delimited.

Delimiter>comma. Check the box to Output Field Headers in Line 1. Export File Ranges can be used to select only active students, specific entities, and grade levels. Save.

Open the drop down for the new Export File. Go to Main Export Fields. Edit Selected Fields. Add the fields from the following chart.

Change the Heading column name by using Edit under Main Export Fields>Field.

Field	Description	Where to extract in Skyward and/or what script/query is needed?
Student First Name*	Student first name	General>Profile>Name>Student First Name
Student Last Name*	Student last name	General>Profile>Name>Student Last Name
Student ID*	Unique, district-assigned student ID, which can contain alphanumeric characters.	General>Student ID
Grade Level*	Student grade (1, 2, 3, etc)	General>Profile>Student Grade
Student Status*	(A, I, etc)	General>Student Status Code
Student IEP Status*	(Y or N)	Special Ed - Current>Evaluation Info>Special Education Student *Results may need to be transformed to fit allowed codes - Go to Main Export Fields>Field>Edit. Use Data Cross-Reference to take the

		Current Value and Convert to an allowed value.
Student Gifted Status*	(Y or N)	Gifted & Talented Mod>Gifted Status or Special Programs>Gifted>Gifted/Talented Status *Results may need to be transformed to fit allowed codes - Go to Main Export Fields>Field>Edit. Use Data Cross-Reference to take the Current Value and Convert to an allowed value
Student ELL Status*	(Y or N)	Special Programs>LEP>Current ELL Status *Results may need to be transformed to fit allowed codes - Go to Main Export Fields>Field>Edit. Use Data Cross-Reference to take the Current Value and Convert to an allowed value.
Counselor First Name*	Counselor first name	Entity>Counselor>Counselor First Name
Counselor Last Name*	Counselor last name	Entity>Counselor>Counselor Last Name
Counselor Staff ID*	Unique, district-assigned staff ID, which can contain alphanumeric characters.	Entity>Counselor>Counselor Name ID
School Code*	Unique, district-assigned school code, which can contain alphanumeric characters.	Entity>Entity Information>Entity ID

Abre_Attendance_Cumulative

NOTE: The first row of every file loaded into Abre should be a header containing the name of the data contained within the respective column. If you choose not to send data for a non-required field, the corresponding header column is still required.

Administration>Export File Builder>Add. Fill in Interface Name, choose Attendance under Product Type. Choose Save Exported Files in Database. Save.

Open the drop down for the new Interface. Add Export File. Data Type>Attendance History.

Change the extension in File Name from .dat to .txt (recommend using .csv while building and testing the export for ease of viewing and checking data, then change to .txt.) File

Type>delimited. Delimiter>comma. Check the box to Output Field Headers in Line 1. Export File Ranges can be used to select only active students, specific entities, and grade levels. Under Attendance History Ranges enter the range of years you want to report or check the box to use the Current School Year Only. Save.

Filler columns can be inserted for unused data columns. Go to Miscellaneous>Filler. Change the Heading column name by using Edit under Main Export Fields>Field. Check the Export Data Field to File box.

Change the Heading column name by using Edit under Main Export Fields>Field.

*Skyward does not break attendance down by hour. It can be pulled by day and then transformed into hours using Data Cross-Reference under Main Export Fields, select the field to be transformed and edit. Then in the Data Cross-Reference field add the total number of days and convert that into the number of hours. Example: Current Value IS 1 Convert to 7 (1 day = 7 hours.) Each possibility will need to be defined.

Field	Description	Where to extract in Skyward and/or what script/query is needed?
Student ID*	Unique, district-assigned student ID, which can contain alphanumeric characters.	General>Student ID
Hours Attended	Decimal Value	Attendance YTD History>Total Member Days *Use Data Cross-Reference to convert to hours.
Days Attended	Integer Value	Attendance YTD History>Total Member Days
Hours Absent Excused	Decimal Value	Attendance YTD History>Total Days Excused

		*Use Data Cross-Reference to convert to hours.
Days Absent Excused	Integer Value	Attendance YTD History>Total Days Excused
Hours Absent Unexcused	Decimal Value	Attendance YTD History>Total Days Unexcused *Use Data Cross-Reference to convert to hours.
Days Absent Unexcused	Integer Value	Attendance YTD History>Total Days Unexcused

Abre_Attendance_Cumulative_2.0

NOTE: The first row of every file loaded into Abre should be a header containing the name of the data contained within the respective column. If you choose not to send data for a non-required field, the corresponding header column is still required.

Administration>Export File Builder>Add. Fill in Interface Name, choose Attendance under Product Type. Choose Save Exported Files in Database. Save.

Open the drop down for the new Interface. Add Export File. Data Type>Attendance History. Change the extension in File Name from .dat to .csv. File Type>delimited. Delimiter>comma. Check the box to Output Field Headers in Line 1. Export File Ranges can be used to select only active students, specific entities, and grade levels. Under Attendance History Ranges enter the range of years you want to report or check the box to use the Current School Year Only. Save. Filler columns can be inserted for unused data columns. Go to Miscellaneous>Filler. Change the Heading column name by using Edit under Main Export Fields>Field. Check the Export Data Field to File box.

Change the Heading column name by using Edit under Main Export Fields>Field.

*Skyward does not break attendance down by hour. It can be pulled by day and then transformed into hours using Data Cross-Reference under Main Export Fields, select the field to be transformed and edit. Then in the Data Cross-Reference field add the total number of days and convert that into the number of hours. Example: Current Value IS 1 Convert to 7 (1 day = 7 hours.) Each possibility will need to be defined.

Field	Description	Where to extract in Skyward and/or what script/query is needed?
Student ID*	Unique, district-assigned student ID, which can contain alphanumeric characters.	General>Student ID
Days Enrolled	Decimal Value	Entry/Withdrawal>Current>CY Membership Days
Days Attended	Integer Value	Attendance YTD History>Total Member Days
Days Absent Total	Integer Value	Attendance YTD History>Absence Total
Days Absent Excused	Integer Value	Attendance YTD History>Total Days Excused
Days Absent Unexcused	Integer Value	Attendance YTD

		History>Total Days Unexcused
Hours Attended	Decimal Value	Attendance YTD History>Total Member Days *Use Data Cross-Reference to convert to hours.
Hours Absent Excused	Decimal Value	Attendance YTD History>Total Days Excused *Use Data Cross-Reference to convert to hours
Hours Absent Unexcused	Decimal Value	Attendance YTD History>Total Days Unexcused *Use Data Cross-Reference to convert to hours.
Max Enrollment	Integer Value	Attendance Totals>All Entities># Days Enrolled - All Miscellaneous>Constant Value *can create a constant value and set it to your district's requirement.
Max Allowed Absences	Integer Value	Miscellaneous>Constant Value *can create a constant value and set it to your district's requirement.
Current Absences	Integer Value	Attendance YTD History>Absence Total
ADA (Average Daily Attendance)	Decimal Value	Not available in Skybuild
Recoverability	Text Value	Not available in Skybuild

Abre_Attendance_State_Metrics

NOTE: The first row of every file loaded into Abre should be a header containing the name of the data contained within the respective column. If you choose not to send data for a non-required field, the corresponding header column is still required.

Administration>Export File Builder>Add. Fill in Interface Name, choose Attendance under Product Type. Choose Save Exported Files in Database. Save.

Open the drop down for the new Interface. Add Export File. Data Type>Attendance History.

Change the extension in File Name from .dat to .txt (recommend using .csv while building and testing the export for ease of viewing and checking data, then change to .txt.) File

Type>delimited. Delimiter>comma. Check the box to Output Field Headers in Line 1. Export File Ranges can be used to select only active students, specific entities, and grade levels. Under Attendance History Ranges enter the range of years you want to report or check the box to use the Current School Year Only. Save.

Filler columns can be inserted for unused data columns. Go to Miscellaneous>Filler. Change the Heading column name by using Edit under Main Export Fields>Field. Check the Export Data Field to File box.

*There is not an option for monthly absence totals. It can be done YTD or by Term. The Term fields are in Attendance YTD History>T1 Absence Total and T1 Days Excused. There are T1 through T12 available.

*Skyward does not break attendance down by hour. It can be pulled by day and then transformed into hours using Data Cross-Reference under Main Export Fields, select the field to be transformed and edit. Then in the Data Cross-Reference field add the total number of days and convert that into the number of hours. Example: Current Value IS 1 Convert to 7 (1 day = 7 hours.) Each possibility will need to be defined.

Field	Description	Where to extract in Skyward and/or what script/query is needed?
Student ID*	Unique, district-assigned student ID, which can contain alphanumeric characters.	General>Student ID
Absence Hours Month Total	Decimal Value	Attendance YTD History>T1 Absence Total *Term 1, not by month (terms 1-12 available) *Use Data Cross-Reference to convert to hours.
Absence Hours Month Total	Integer Value	Miscellaneous>Constant

Cutpoint		Value *Define the cutpoint as a constant value under Field Configuration>Constant Value
Absence Hours Year Total	Decimal Value	Attendance YTD History>Absence Total *Use Data Cross-Reference to convert to hours.
Absence Hours Year Total Cutpoint	Integer Value	Miscellaneous>Constant Value *Define the cutpoint as a constant value under Field Configuration>Constant Value
Absence Hours Consecutive Unexcused	Decimal Value	Attendance YTD History>T1 Absence Unexcused *Term 1, not by month (terms 1-12 available) *Use Data Cross-Reference to convert to hours.
Absence Hours Consec Unexcused Cutpoint	Integer Value	Miscellaneous>Constant Value *Define the cutpoint as a constant value under Field Configuration>Constant Value
Absence Hours Month Unexcused	Decimal Value	Attendance YTD History>T1 Absence Unexcused *Term 1, not by month (terms 1-12 available) *Use Data Cross-Reference to convert to hours.
Absence Hours Month Unexcused Cutpoint	Integer Value	Miscellaneous>Constant Value *Define the cutpoint as a constant value under Field Configuration>Constant Value
Absence Hours Year Unexcused	Decimal Value	Attendance YTD History>Total Days Unexcused

		*Use Data Cross-Reference to convert to hours.
Absence Hours Year Unexcused Cutpoint	Integer Value	Miscellaneous>Constant Value *Define the cutpoint as a constant value under Field Configuration>Constant Value

Abre_Student_UnWeightedGPA

NOTE: The first row of every file loaded into Abre should be a header containing the name of the data contained within the respective column. If you choose not to send data for a non-required field, the corresponding header column is still required.

Administration>Export File Builder>Add. Fill in Interface Name, choose Demographic under Product Type. Choose Save Exported Files in Database. Save.

Open the drop down for the new Interface. Add Export File. Data Type>Student. Change the extension in File Name from .dat to .txt (recommend using .csv while building and testing the export for ease of viewing and checking data, then change to .txt.) File Type>delimited.

Delimiter>comma. Check the box to Output Field Headers in Line 1. Export File Ranges can be used to select only active students, specific entities, and grade levels. Save.

Open the drop down for the new Export File. Go to Main Export Fields. Edit Selected Fields. Add the fields from the following chart.

Change the Heading column name by using Edit under Main Export Fields>Field.

Field	Description	Where to extract in Skyward and/or what script/query is needed?
Student ID*	Unique, district-assigned student ID, which can contain alphanumeric characters.	General>Student ID
Student First Name*	Student first name	General>Profile>Name>Student First Name
Student Last Name*	Student last name	General>Profile>Name>Student Last Name
GPA*	Decimal Value	GPA>Cumulative GPA *This pulls GPA method #1 that your district defined in Office>Grading>Configuration>GPA Setup>GPA Methods
School Building*	String Value	Entity>Current School>Current School Name

Abre_StudentCredits_2.0

NOTE: The first row of every file loaded into Abre should be a header containing the name of the data contained within the respective column. If you choose not to send data for a non-required field, the corresponding header column is still required.

Administration>Export File Builder>Add. Fill in Interface Name, choose Schedule under Product Type. Choose Save Exported Files in Database. Save.

Open the drop down for the new Interface. Add Export File. Data Type>Student Schedule.

Change the extension in File Name from .dat to .txt (recommend using .csv while building and testing the export for ease of viewing and checking data, then change to .txt.) File

Type>delimited. Delimiter>comma. Check the box to Output Field Headers in Line 1. Export File Ranges can be used to select only active students, specific entities, and grade levels. Save.

Open the drop down for the new Export File. Go to Main Export Fields. Edit Selected Fields. Add the fields from the following chart.

Filler columns can be inserted for unused data columns. Go to Miscellaneous>Filler. Change the Heading column name by using Edit under Main Export Fields>Field. Check the Export Data Field to File box.

Change the Heading column name by using Edit under Main Export Fields>Field.

Field	Description	Where to extract in Skyward and/or what script/query is needed?
Student ID*	Unique, district-assigned student ID, which can contain alphanumeric characters.	General>Student ID
Total Credits*	Decimal Value	Course>Earned Credits
Academic End Year*	4 Digit Academic End Year	Course>School Year
Term*	Term of the course. The term code format supports (Sem1, Sem2, Q1, Q2, Q3, Q4, Tri1, Tri2, Tri3, Year)	Class>Control Set ID *Results may need to be transformed to fit allowed codes - Go to Main Export Fields>Field>Edit. Use Data Cross-Reference to take the Current Value and Convert to an allowed value.

Subject Area*	String Value	Course>Course Type
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Abre_Behavior

NOTE: The first row of every file loaded into Abre should be a header containing the name of the data contained within the respective column. If you choose not to send data for a non-required field, the corresponding header column is still required.

Administration>Export File Builder>Add. Fill in Interface Name, choose Demographic under Product Type. Choose Save Exported Files in Database. Save.

Open the drop down for the new Interface. Add Export File. Data Type>Discipline Action. Change the extension in File Name from .dat to .txt (recommend using .csv while building and testing the export for ease of viewing and checking data, then change to .txt.) File Type>delimited.

Delimiter>comma. Check the box to Output Field Headers in Line 1. Export File Ranges can be used to select only active students, specific entities, and grade levels. Save.

Open the drop down for the new Export File. Go to Main Export Fields. Edit Selected Fields. Add the fields from the following chart.

Filler columns can be inserted for unused data columns. Go to Miscellaneous>Filler. Check the Export Data Field to File box.

Change the Heading column name by using Edit under Main Export Fields>Field.

Field	Description	Where to extract in Skyward and/or what script/query is needed?
Student ID*	Unique, district-assigned student ID, which can contain alphanumeric characters.	General>Student ID
Incident ID*	String or Integer Value	Offense>Incident Number
Incident Date*	Incident date in format (YYYY-MM-DD)	Offense>Offense Date *Change format using Edit under Main Export Fields>Field. In Format Options use drop down to change to YYYY-MM-DD
Referring Staff	String Value	Offense>Referred By Name>Referred By Full Name
Behavior Code	String Value	Offense>Offense Code

Behavior Description	String Value	Offense>Offense Description
Response Code	String Value	Disciplinary Action>Action ID
Response Description	String Value	Disciplinary Action>Action Description
Response Total Days	Integer Value	Disciplinary Action>Total Time *This field allows for days or hours. May need to build in adjustments. Disciplinary Action>Total Time Unit field shows if it is days or hours. Or If all actions result in suspensions another option is: Discipline>Current Entity>Suspend #Days - Current

Abre_Discipline

NOTE: The first row of every file loaded into Abre should be a header containing the name of the data contained within the respective column. If you choose not to send data for a non-required field, the corresponding header column is still required.

Administration>Export File Builder>Add. Fill in Interface Name, choose Demographic under Product Type. Choose Save Exported Files in Database. Save.

Open the drop down for the new Interface. Add Export File. Data Type>Discipline Action. Change the extension in File Name from .dat to .txt (recommend using .csv while building and testing the export for ease of viewing and checking data, then change to .txt.) File Type>delimited.

Delimiter>comma. Check the box to Output Field Headers in Line 1. Export File Ranges can be used to select only active students, specific entities, and grade levels. Save.

Open the drop down for the new Export File. Go to Main Export Fields. Edit Selected Fields. Add the fields from the following chart.

Filler columns can be inserted for unused data columns. Go to Miscellaneous>Filler. Change the Heading column name by using Edit under Main Export Fields>Field. Check the Export Data Field to File box.

Change the Heading column name by using Edit under Main Export Fields>Field.

Field	Description	Where to extract in Skyward and/or what script/query is needed?
StudentID	Required: Unique, district-assigned student ID, which can contain alphanumeric characters.	General>Student ID
SSID	State-assigned student ID	NCLB>State Student Number
endYear	String or Integer	Offense>Offense School Year
Role	String Value	Not a field in Skyward
IncidentBuilding	String Value	Offense>School Name
IncidentID	String Value	Offense>Incident Number
IncidentTitle	String Value	Offense>Offense Description
IncidentDate	Date in format (YYYY-MM-DD)	Offense>Offense Date *Change format using Edit under Main Export Fields>Field. In Format Options use drop down to change to YYYY-MM-DD
IncidentTime	String Value	Offense>Offense Time
Location	Integer Value	Offense>Offense Location Code Or Offense>Location Description
SubmittedBy		Offense>Referred By Name>Referred By Full Name
Status		Not a field in Skyward
EventID		
EventType		
EventCode		
EventName		

EventStateCode		
EventStateName		
EventCategory		
ActionID		Disciplinary Action>Action ID
ActionCode		Disciplinary Action>Action ID
ActionName		Disciplinary Action>Action Description
ActionStateCode		Disciplinary Action>Action ID
ActionStateName		Disciplinary Action>Action Description
SuspensionStartDate	Date in format (YYYY-MM-DD)	Disciplinary Action>Action Date
SuspensionEndDate	Date in format (YYYY-MM-DD)	Not available in Skybuild Available in Data Mining under Discipline>Suspension/Expulsion>End Date
Expulsion		No separate field in Skyward
LawReferred		No separate field in Skyward

Abre_Discipline_2.0

NOTE: The first row of every file loaded into Abre should be a header containing the name of the data contained within the respective column. If you choose not to send data for a non-required field, the corresponding header column is still required.

Administration>Export File Builder>Add. Fill in Interface Name, choose Demographic under Product Type. Choose Save Exported Files in Database. Save.

Open the drop down for the new Interface. Add Export File. Data Type>Discipline Action. Change the extension in File Name from .dat to .txt (recommend using .csv while building and testing the export for ease of viewing and checking data, then change to .txt.) File Type>delimited.

Delimiter>comma. Check the box to Output Field Headers in Line 1. Export File Ranges can be used to select only active students, specific entities, and grade levels. Save.

Open the drop down for the new Export File. Go to Main Export Fields. Edit Selected Fields. Add the fields from the following chart.

Filler columns can be inserted for unused data columns. Go to Miscellaneous>Filler. Change the Heading column name by using Edit under Main Export Fields>Field. Check the Export Data Field to File box.

Change the Heading column name by using Edit under Main Export Fields>Field.

Field	Description	Where to extract in Skyward and/or what script/query is needed?
StudentID	Required: Unique, district-assigned student ID, which can contain alphanumeric characters.	General>Student ID
SSID	State-assigned student ID	NCLB>State Student Number
endYear	String or Integer	Offense>Offense School Year
Role	String Value	Not a field in Skyward
IncidentBuilding	String Value	Offense>School Name
IncidentID	String Value	Offense>Incident Number
IncidentTitle	String Value	Offense>Offense Description
IncidentDate	Date in format (YYYY-MM-DD)	Offense>Offense Date *Change format using Edit under Main Export Fields>Field. In Format Options use drop down to change to YYYY-MM-DD
IncidentTime	String Value	Offense>Offense Time
Location	Integer Value	Offense>Offense Location Code Or Offense>Location Description
SubmittedBy		Offense>Referred By Name>Referred By Full Name
Status		Not a field in Skyward
EventID		

EventType		
EventCode		
EventName		
EventStateCode		
EventStateName		
EventCategory		
ActionID		Disciplinary Action>Action ID
ActionCode		Disciplinary Action>Action ID
ActionName		Disciplinary Action>Action Description
ActionStateCode		Disciplinary Action>Action ID
ActionStateName		Disciplinary Action>Action Description
SuspensionStartDate	Date in format (YYYY-MM-DD)	Disciplinary Action>Action Date
SuspensionEndDate	Date in format (YYYY-MM-DD)	Not available in Skybuild Available in Data Mining under Discipline>Suspension/Expulsion>End Date
Expulsion		No separate field in Skyward
LawReferred		No separate field in Skyward
PerceivedMotivations		No separate field in Skyward

Abre_StudentProgram

NOTE: The first row of every file loaded into Abre should be a header containing the name of the data contained within the respective column. If you choose not to send data for a non-required field, the corresponding header column is still required.

Change the Heading column name by using Edit under Main Export Fields>Field.

Field	Description	Where to extract in Skyward and/or what script/query is needed?
Student ID	Required: Unique, district-assigned student ID, which can contain alphanumeric characters.	General>Student ID
Program Name	String	Special Programs>
9th Grade Fiscal Start Year	YYYY	General>Profile>Entered 9th Grade *Returns the full date. The format can be changed using Edit under Main Export Fields>Field, but there is no option to only pull year. Data will need to be transformed after exporting.

GG4L_Demographics

NOTE: The first row of every file loaded into Abre should be a header containing the name of the data contained within the respective column. If you choose not to send data for a non-required field, the corresponding header column is still required.

Administration>Export File Builder>Add. Fill in Interface Name, choose Demographic under Product Type. Choose Save Exported Files in Database. Save.

Open the drop down for the new Interface. Add Export File. Data Type>Student. Change the extension in File Name from .dat to .txt (recommend using .csv while building and testing the export for ease of viewing and checking data, then change to .txt.) File Type>delimited.

Delimiter>comma. Check the box to Output Field Headers in Line 1. Export File Ranges can be used to select only active students, specific entities, and grade levels. Save.

Open the drop down for the new Export File. Go to Main Export Fields. Edit Selected Fields. Add the fields from the following chart.

Filler columns can be inserted for unused data columns. Go to Miscellaneous>Filler. Change the Heading column name by using Edit under Main Export Fields>Field. Check the Export Data Field to File box.

Change the Heading column name by using Edit under Main Export Fields>Field.

Field	Description	Where to extract in Skyward and/or what script/query is needed?
Student ID*	Unique, district-assigned student ID, which xcan contain alphanumeric characters.	General>Student ID
Gender	String Value	General>Profile>Gender (M/F) Or General>Profile>Gender
Ethnicity Code	String Value	General>Profile>Federal Race>Federal Race *Results may need to be transformed to fit allowed codes - Go to Main Export Fields>Field>Edit. Use Data Cross-Reference to take the Current Value and Convert to an allowed value.
Ethnicity Description	String Value	General>Profile>Federal Race>Federal Race Description
Date of Birth	Date in format (YYYY-MM-DD)	General>Profile>Birthdate *Change format using Edit under Main Export Fields>Fields>Birthdate. In Format Options use drop down to change to YYYY-MM-DD
IEP	String Value (recommended Y or N)	Special Ed - Current>Evaluation Info>Special Education Student *Results may need to be

		transformed to fit allowed codes - Go to Main Export Fields>Field>Edit. Use Data Cross-Reference to take the Current Value and Convert to an allowed value.
Gifted	String Value (recommended Y or N)	Gifted & Talented Mod>Gifted Status or Special Programs>Gifted>Gifted/Talented Status *Results may need to be transformed to fit allowed codes - Go to Main Export Fields>Field>Edit. Use Data Cross-Reference to take the Current Value and Convert to an allowed value.
Economically Disadvantaged	String Value (recommended Y or N)	Special Programs *Results may need to be transformed to fit allowed codes - Go to Main Export Fields>Field>Edit. Use Data Cross-Reference to take the Current Value and Convert to an allowed value.
Title1	String Value (recommended Y or N)	NCLB>Title 1>Title 1 Status *Results may need to be transformed to fit allowed codes - Go to Main Export Fields>Field>Edit. Use Data Cross-Reference to take the Current Value and Convert to an allowed value.
Title3	String Value (recommended Y or N)	Not available in Skybuild. Can be exported in Data Mining under Special Programs>LEP>Title III (Y/N)
ELL	String Value (recommended Y or N)	Special Programs>LEP>Current ELL Status *Results may need to be

		transformed to fit allowed codes - Go to Main Export Fields>Field>Edit. Use Data Cross-Reference to take the Current Value and Convert to an allowed value.
Status504	String Value (recommended Y or N)	Special Programs>Section 504>Section 504 Status *Results may need to be transformed to fit allowed codes - Go to Main Export Fields>Field>Edit. Use Data Cross-Reference to take the Current Value and Convert to an allowed value.
UserName	String Value	General>Student Access>Student Access Login
Password	String Value	General>Student Access>Student Access Password
Ok to Publish	Y or N	General>Profile>Distribute Demographics>PTO Directory OK