

# PowerSchool Mapping

**NOTE:** This document is to be used as a template to guide you in possible field mappings. Each and every district may use the Student Information System uniquely and as such may have alternative fields they prefer to use.

If you are a PowerSchool® customer you can extract data in these ways:

- How to automate exports: <https://support.powerschool.com>
- Be sure to import the MDR PIDS from HMH® into the SIS to be used in the extract
- It is common to merge files together such as export students.csv and staff.csv and then merge them into one Users.csv file. This can be accomplished by a command line prompt, such as `copy *.csv Users.csv`. ClassAssignment is a combination of Teacher tied to class and Students tied to class, so you can also use the command prompt to merge a classtaff and classroster file together into ClassAssignment. (cmd prompt `copy *.csv ClassAssignment.csv`)

Once you have your files exported, you will need to transform them to the HMH template. Following is an example of a mapping table. Always refer to Online Help for the most recent table schema and data dictionary.

## STUDENTS

SIS File Name	SIS Field Name	HMH File Name	HMH Field Name
YYYY of School Year Start Date		USERS	SCHOOLYEAR
Store as "S" for Student		USERS	ROLE
Students	Student_Number	USERS	LASID
Students	Student_StateNumber	USERS	SASID
Students	First_Name	USERS	FIRSTNAME
Students	Middle_Name	USERS	MIDDLENAME
Students	Last_Name	USERS	LASTNAME
Students	Grade_Level	USERS	GRADE
Customer defined Value. May want to use Student_Web_Id from Student table in PowerSchool + domain name		USERS	USERNAME
Customer Defined Value		USERS	PASSWORD
Store as "MDR"		USERS	ORGANIZATIONALTYPEID
Must get this from HMH Import Dashboard screen – MDR List Cross reference HMH csv file to Students.SchoolID in PowerSchool		USERS	ORGANIZATIONALID
Leave this empty with no spaces for students		USERS	PRIMARYEMAIL
Lookup values in HMH Online Help		USERS	HMHAPPLICATIONS

### Notes

- Only supply active students (active = 'True')
- Only include students that are tied to a class. Join all your scheduling tables together for best results.

## TEACHERS

SIS File Name	SIS Field Name	HMH File Name	HMH Field Name
YYYY of School Year Start Date		USERS	SCHOOLYEAR
Store as "T" for Teacher		USERS	ROLE
Users	TeacherNumber or DCID or PSGUID	USERS	LASID
Leave Blank/no spaces for Teachers		USERS	SASID
Users	First_Name	USERS	FIRSTNAME
Users	Middle_Name	USERS	MIDDLENAME
Users	Last_Name	USERS	LASTNAME
You can use a school range (K-5) or visit our Online Help for additional support		USERS	GRADE
Customer defined Value. Possibly the LoginID from Users table + domain name		USERS	USERNAME
Customer defined Value. Possibly the Password field from the Users table in PowerSchool		USERS	PASSWORD
Store as "MDR"		USERS	ORGANIZATIONALTYPEID
Must get this from HMH Import Dashboard screen – MDR List. Cross reference this HMH csv file to PowerSchool Users.HomeSchoolId field. Must use the HMH csv ID		USERS	ORGANIZATIONALID
Users	Email_Addr	USERS	PRIMARYEMAIL
Lookup values in HMH Online Help		USERS	HMHAPPLICATIONS

**Notes**

- Be sure any school enrollment endDates are empty or date in the future.
- Only supply active staff (active = 'True')

## CLASS

SIS File Name	SIS Field Name	HMH File Name	HMH Field Name
<i>YYYY of School Year Start Date</i>		CLASS	SCHOOLYEAR
Sections	SY+Course_Number + Section_Numer or PSGUID or ScheduleSectionID	CLASS	CLASSLOCALID
Courses	Course_Number	CLASS	COURSEID
Courses	Course_Name	CLASS	COURSENAME
Courses	Sched_CourseSubjectAreaCode	CLASS	COURSESUBJECT
Sections	SY + Course_Number + Section_Number + TermID	CLASS	CLASSNAME
<i>Optional, can Leave Blank/no spaces</i>		CLASS	CLASSDESCRIPTION
Sections	Section_Numer or Room	CLASS	CLASSPERIOD
<i>Store as "MDR"</i>		CLASS	ORGANIZATIONTYPEID
<i>Must get this from HMH Import Dashboard screen – MDR List Cross reference HMH CSV file to Course.SchoolID or the Section.SchoolID value</i>		CLASS	ORGANIZATIONID
Class	Grade_Level	CLASS	GRADE
<i>Leave Blank/no spaces or you can link to Sections.TermID</i>		CLASS	TERMID
<i>Lookup values in HMH Online Help</i>		CLASS	HMHAPPLICATIONS

**Notes**

- WHERE course is Active
- Be sure to only pull classes that are tied to the current school year.

## CLASS STAFF (Teachers)

SIS File Name	SIS Field Name	HMH File Name	HMH Field Name
<i>YYYY of School Year Start Date</i>		CLASSASSIGNMENT	SCHOOLYEAR
Sections	SY+Course_Number + Section_Numer or PSGUID or ScheduleSectionID	CLASSASSIGNMENT	CLASSLOCALID
Sections	Teacher	CLASSASSIGNMENT	LASID
<i>Store as "T" for Teacher</i>		CLASSASSIGNMENT	ROLE
<i>Store as "L" for Lead Teacher</i>		CLASSASSIGNMENT	POSITION

## CLASS ROSTERS (Students)

SIS File Name	SIS Field Name	HMH File Name	HMH Field Name
<i>YYYY of School Year Start Date</i>		CLASSASSIGNMENT	SCHOOLYEAR
ScheduleRequests or Sections	SY+Course_Number + Section_Numer or PSGUID or ScheduleSectionID	CLASSASSIGNMENT	CLASSLOCALID
ScheduleRequests	Student_Number	CLASSASSIGNMENT	LASID
<i>Store as "S" for Student</i>		CLASSASSIGNMENT	ROLE
<i>Leave this empty with no spaces for students</i>		CLASSASSIGNMENT	POSITION

## DEMOGRAPHICS (We only store for Students)

SIS File Name	SIS Field Name	HMH File Name	HMH Field Name
<i>YYYY of School Year Start Date</i>		DEMOGRAPHICS	SCHOOLYEAR
Students	Student_Number	DEMOGRAPHICS	LASID
Students	Gender	DEMOGRAPHICS	GENDER
Students	DOB	DEMOGRAPHICS	DOB
Students	FedRaceDecline	DEMOGRAPHICS	RACE
StudentRace	RaceCD mapped to HMH codes	DEMOGRAPHICS	ISHISPANIC
Demographic, StudentCoreFields	Gifted_YN, Migrant_YN 504_information	DEMOGRAPHICS	SPECIALSERVICES
Demographic	Lim_Eng_Prof	DEMOGRAPHICS	ENGLISHPROFICIENCY
		DEMOGRAPHICS	SPECIALCONDITIONS
Demographic	Econom_Disadvantaged	DEMOGRAPHICS	ECONOMICSTATUS