

Code Samples

Where is the PowerSchool Data

Student Demographics – Students Table
Student Schedules – CC Table
Teacher Schedules – Sections Table
School Info – Schools Table
Term Names – Terms Table
Historical Grades – StoredGrades Table
Teachers – Teachers Table
Courses – Courses Table
Teacher GradeBook (Current Grades) PGFinal Grades

Samples of Codes that can be used in Report Cards, Mailing Labels, Object Reports, Quick Export, Custom Pages, Export Templates and List Students

Note: Do not use ^ () when using codes in List Students and Quick Export and Custom Pages

^(Decode;^(grade_level);-2;PK3;-1;PK4;0;K;^(grade_level))
^(Decode;^(lives_with);Mother;^(Mother);Father;^(Father);Other)

^(schoolname)
Or ^([schools]name)
Or ^([39]name)

^(*period_info;2(A);teacher_name)
^(*period_info;2(A);room)
^(*period_info;2(A);course_name)
^(*period_info;2(A);teacher_I_first_name)
^(*period_info;2(A);teacher_I_last_name)
^(*period_info;2(A);current_grade;Q1)
^(*period_info;2(A);current_percent;Q1)
^(*period_info;2(A);all_section_teachers) denotes all teachers ever associated to a particular course
^(*period_info;2(A);current_section_teachers) denotes teachers associated with a section for the current day

^(*credit_hours)
^(*number_of_classes)
^(*potential_credit_hours)
^(stored.by.course.number;ENG100;Q1;percent)
^(*evaluate left("^(age)",2))
^(*evaluate (24-^(*credit_hours)))
^(*evaluate (^(*potential_credit_hours)-^(*credit_hours)))
^(*dabs)
^(*dabs;Q1)
^(*DA)
^(*DM)
^(tests;name=ACT;score=ACT_mathematics;which=last;type=num;result=value)
^(tests;name=ACT;score=ACT_mathematics;which=last;type=num;result=date)
^(tests;name=ACT;score=ACT_mathematics;which=best;type=num;result=value)
^(tests;name=ACT;score=ACT_mathematics;which=first;type=num;result=value)
^(tests;name=ACT;score=ACT_mathematics;which=term.2103;type=num;result=value)
^(tests;name=ACT;score=ACT_mathematics;which=grade.11;type=num;result=value)

Create an Export Template

The Export Template feature allows you to “save” the setup for exports that you repeatedly do. You can setup Export Templates for the following types of data (tables): Students (Students), Courses (Courses), Staff(Teachers), Student Schedules (CC), Historical Grades (CC). The following exercise will create an Export Template using the Student Schedules (CC) Table.

- Choose Special Functions from the Main Menu

- Choose Importing and Exporting

- Choose Templates for Exporting

- Click New to create a new Export Template

- Complete the screen

 - Choose Student Schedules as the Table

 - Click Put Column Titles on First Row

 - Leave other options as their default

- Click Submit

When the list of Templates returns, find yours and Click the Columns Option

You will now create each of the Fields(Columns) you wish to Export

Click New and complete the screen for each of the following fields. You only need to Title the column and indicate (type in) the data field you wish to export.

 - studentid

 - [students]lastfirst

 - termid

 - [terms]name

 - course_number

 - [courses]course_name

 - [sections]expression

 - teacherid

 - [teachers]lastfirst

 - [sections]room

Sample Headings for Class Roster:

<center>Class Roster as of ~[letter.date] </center>

Teacher: ~(teachername)

Period: ~(*class_expression) Term: ~(termname)<tabto 6># of Students: ~(no_of_students)

Course: ~([courses]course_name)<tabto 6>Room: ^(room)

Other Possible fields

^[13]abbreviation)

~(teachername)

~([terms]name)

~(*class_expression)

Sample Columns for Class Roster:

~(count)\#.5\c

Lastfirst\Name\1.5\c

Home_phone\Phone\1\c

gender\M/F\35\c

Ethnicity\Race\5\c

\M\5\c

\T\5\c

\W\5\c

\R\5\c
 \F\5\c

Another Sample of Columns

~(count)\#\5\r
 Lastfirst\Name\1.5\l
 Home_phone\Phone\1\r
 Gender\Gender\5\c
 Ethnicity\Race\5\c
 ~(pg.final.grade;q1)\Q1 Gr\5\c
 ~(pg.final.percent;q1)\Q1 %\5\r
 ~(pg.final.comment;q1)\Comment\2\l
 ~(att;abs;Q1)\Absences\5\r

Power School Quick Reference

Common Student Field Names	Sample Searches
Age Report Syntax: ^(age)	*birthday>=5/1;*birthday<=5/31
Alert_guardian	*birthday=today
Alert_medical	*not_enrolled_in_period=1
City	*not_enrolled_in=ENG2100
DOB	*has_completed_course=ENG2100
Enroll_status	*has_not_completed=ENG2100
Entrycode	*enrolled_in=ENG2100
Entrydate	*number_of_classes=0
Ethnicity	Baseball#
Exitcode	*fee_balance.balance#0
Exitdate	/enroll_status=-1
Father	*cumulative_credit_hours<15
Fatherdayphone	*secondarystudents=all
First_name	Grade_level in 9,12
Gender	Mother contains jones
Grade_level	Home_phone !contain 410
Home_phone	Entrydate>9/1/2009
Home_room	Band#;gender=f
Lastfirst	First_name=mi@;gender=m
Last_name	Formatting Codes for Reports
Locker_number	^(dob;dateformat=MMMM DD)
Mailing_city	^(dob;dateformat=DD/MM/YYYY)
Mailing_state	^(dob;dateformat=DD MMMM YYYY)
Mailing_street	HTML Tags
Middle_name	 type text
Mother	
Motherdayphone	<u>.....</u>
Schoolid	<i>.....</i>
SSN	<u>....</u>
State	<center>.....</center>

Street	<HR>
Student_number	
Zip	<tabto 5>
Other Codes for Reports	<tabc 4.25>
^(decode;^(gender);M;Male;F;Female)	<tabr 4>
^(his/her) ^(son/daughter) ^(he/she)	<tabl 4 _>
^[letter.date]	<tabd 4>
^([schools]name)	<tab>
^(*period_info;1(A);teacher_name)	<moveto 3,4>