

MISD PowerSchool Document

PowerScheduler Setting Up Section Link Constraints Using Excel

Have your Master Schedule List available to determine what you want to link. In PowerScheduler > Constraints create a set of constraints by hand to setup the export template. You will want to link every section of your S1 course to every section of your S2 course. If you are using trimesters, link your T1 course to every section of your T2 course then link your T1 course to every section of T3; you don't need to link T2 to T3.

Build Constraints Course Optimize	PowerScho	ol		Sch	ool: Middle School Test Constraints	Scheduling Year: 2
Course Restrict Course Room	Start Page > PowerSchedu	uler > Constraints > Section Lin	k Constraints			
Course Team Pre-Schedule	Section Link Cor	nstraints				
Room Free	Build: Final for Student F	Prefere Catalog: MSN Foreve	r Catalog			
Schedule Break				New		
Teacher Dovetail	Course Name 1	Course Number	Section 1	Course Name 2	Course Number 2	Section 2
Teacher Free	Language Arts 7	7200	1	Language Arts 7	7201	3
Teacher Part-Time	Language Arts 7	7200	2	Language Arts 7	7201	1
Teacher Team	Language Arts 7	7200	1	Language Arts 7	7201	5
and Constraints	Language Arts 7	7200	2	Language Arts 7	7201	2
Delege Adjustment	Language Arts 7	7200	3	Language Arts 7	7201	1
Balance Adjustment	Language Arts 7	7200	3	Language Arts 7	7201	2
Student Avoid	Language Arts 7	7200	3	Language Arts 7	7201	3
Chudeot Free	Language Arts 7	7200	3	Language Arts 7	7201	4
Student Free	Language Arts 7	7200	3	Language Arts 7	7201	5
Section Link	Language Arts 7	7200	2	Language Arts 7	7201	3
Student Preference	Language Arts 7	7200	2	Language Arts 7	7201	5

In this example above we have taken S1 course 7200 section 1 and linked it to S2 course 7201 sections 1, 2, 3, 4, & 5. Then we linked 7200 section 2 to 7201 sections 1, 2, 3, 4, & 5.

Macomb County schedulers may want to have their PowerSchool Liaison assist in the export/import process.

Direct Database	Export (DDI	E)		
Current Table: Sched	uleConstraints (110)	~		
Current Records in S	election: 1311			
List View Table View	Export Records	Match Selection	Table View Setup	
			Select all	1311 records in this table
Search ScheduleCo	onstraints			
ConstraintCode 💌	=	~	92	
YearlD 🗸	=	~	23	
Search only in rec	ords belonging to M	lidele School Test (Constraints	
	Search all 1311	records in this table	Search within the c	urrent 1311 records only.

Select all records in this table

Search ScheduleConstraints for ConstraintCode = 92 and YearID = 23 (for the 2013-2014 school year). Check the box to Search only in records belonging to Middle School Test Constraints. Select to Search all 1311 records in this table.

The search returned the 15 records that were hand keyed into Section Link Constraints in PowerScheduler test case. Make sure you have the correct number of records that you created by hand in PowerScheduler. You can select Table View to view the records.

Direct Database Export (DDE)	
Current Table: ScheduleConstraints (110)	
List View Table View Export Records Match Select	ion Table View Setup

Select Export Records, select the fields below, Submit, Save, name the .text fild and save to your Desktop.

BuildID CatalogID ConstraintCode CourseNumber CourseNumber2 SchoolID SectionNumber SectionNumber2 YearID

Open Excel and select Open. Drop down Files of type and select All Files. Click on Desktop and navigate to your saved .txt file and Open.

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	First for	the day		File F	4/24/2013 3:26 PM
Documents	😪 Icons			File F	1/11/2013 12:23 PM
- My	🚞 Incident	Management		File F	5/3/2013 8:55 AM
Computer	🛅 MISD Pe	ripheral Programs		File F	12/20/2011 1:54 PM
Mv Network	🛅 My Kids			File F	10/2/2012 7:52 AM
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POWERS	📄 State Re	porting-Pearson		File F	3/6/2013 10:26 AM
	X Stuff			File F	4/30/2013 12:17 PM
	Summer	School Setup		File F	2/26/2013 9:28 AM
	🗋 Visual S	cheduler		File F	5/3/2013 8:07 AM
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	Shortcut	to POWERSCHOOL	2 KB	Shortcut	4/14/2011 3:22 PM
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Toois -		Excel Files (*.xl*; *.xlsx; *.xlsm; *.xlsb; *.xlam; *.xltx; All Web Pages (*.htm: *.html: *.mht; *.mhtml)	*.xltm; *.xls; *.	xla; *.xlt; *.	.xlm; *.xlw) Cancel

An Import Wizard box will display. Select Next, Next, and on the third step hold down your shift key, move the scroll bar over to the far right highlighting all the columns, select the Text radio button and Finish. This preserves the file as a Text file; PowerSchool can only import .txt files.

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1	Buildid	Catalogid	Constraint	Constraint	Constraint	Constraint	Constraint	Constrainti	Constraint	Constraint	Course
2	802	4	92	False	False	False	0	0	0	0	7200
3	802	4	92	False	False	False	0	0	0	0	7200

Since you have your template setup you can begin keying in the additional section link constraints using the Coursenumber, Coursenumber2, Sectionnumber, and Sectionnumber2. The other fields can be copied down once your course and section numbers are entered.

You will notice that when keying in the numbers they will justify to the right. These numbers are being keyed in as General numbers which will need to be changed to text when finished.

Help
Conditiona Format as Cell Styles
I
nber2 Yearid
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Once <u>all</u> your data is in place and all columns are filled in you should hilite and delete the top rows that you hand keyed in so they won't duplicate.

In order to make this a text file you will need to hilite the new lines that are right justified (or the entire page), drop down General and select Text. When you do this all the numbers should now line up left justified.

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2	802	4	Q2	7200	7201	Schoolia 88	Sectionn 3		
3	802	4	92	7200	7201	88	3		Long Date
4	802	4	92	7200	7201	88	3		wednesday, March 12, 1902
5	802	4	92	7200	7201	88	3		Time
6	802	4	92	7200	7201	88	3	(\cdot, \cdot)	12:00:00 AM
7	802	4	92	7200	7201	88			Percentage
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Select File > Save As > Other Formats. The Save As box will display where you can name your new document and Save as type: Text (Tab delimited)(*.txt) and Save.

To import this file into PowerSchool we recommend that you ask your PowerSchool Liaison to import it for you. They will select Special Functions > Importing & Exporting > Quick Import. Select the Schedule Constraints table > Browse out and grab your file > check box for Suggest field map and Import.

Quick Import		
Option	Value	
Table:	Schedule Constraints	
Field delimiter:	Tab 💌	
End-of-line marker:	CR 💌	
Character Set:	Mac Roman 💌	
File to import:	C:\Documents and Setting Browse	
Suggest field map		
School	Middle School Test Constraints	
		Import

Confirm that the field mappings are correct > check the box to exclude first row and Submit. You should see Import run down the page.

Col#	From your file	>	To PowerSchool	_
1.	Buildid	>	BuildID	*
2.	Catalogid	>	CatalogID	*
3.	Constraintcode	>	ConstraintCode	*
4.	Coursenumber	>	CourseNumber	*
5.	Coursenumber2	>	CourseNumber2	*
6.	Schoolid	>	SchoolID	*
7.	Sectionnumber	>	SectionNumber	*
8.	Sectionnumber2	>	SectionNumber2	*
9.	Yearid	>	YearlD	*
_				
2	Check to exclude first row			
	Th	e lines below can b value to field(s) in a	e used to assign a constant Il of the imported records.	
		>		*
		>		*

When the importing has completed go to PowerScheduler > Constraints and check the Section Link Constraints to confirm they are all there.