

Nova Scotia Public Education System Scheduling On the Live Side at Elementary P-6

User Guide

Revision Date: May 15, 2024

Scheduling On the Live Side at Elementary P-6

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Scheduling on the "live side" in PowerSchool creates both a master schedule and enrols students into classes to create the student schedules. Elementary schools commonly use this type of live side scheduling.

This document outlines the steps involved in scheduling on the "live side" of PowerSchool.

1. Setup Year & Terms

- Years & Terms must be setup for the upcoming school year.
- The master schedule is created by the terms, days, periods and courses.
- Courses are setup up by the Department of Education and do not need to be re-created for the new school year.
- Terms, days and periods must be created and setup using the Years & Terms function.

1.1 Before Setting up Years & Terms:

Note: Check with your region's SIS team for your specific setup configuration.

- Verify term dates to avoid making changes after terms are created. Changing term dates after the schedule is active is not recommended.
- Verify term structure to avoid deleting terms. Deleting terms after the schedule is active is not recommended.
- Create terms in order of length to ensure proper association with internal lds. For example, a school with one year, two semesters, three trimesters and four quarters would create the terms in the following order:
 - > Year
 - Semester 1, Semester 2
 - Trimester 1, Trimester 2, Trimester 3
 - Quarter 1, Quarter 2, Quarter 3, Quarter 4

1.2 Create New Year

Your Regional SIS Team will provide you with the names to use for the Terms and the dates to use for each Term.

- 1. From the Start Page, select **School Management** from the left navigation menu.
- 2. Under the section **Scheduling**, click on **Years & Terms**.
- 3. Click on **New**.
- 4. Enter the information:
 - a. Name of School Year
 - b. Abbreviation
 - c. First and last day of school (refer to the memo from your region's SIS Team)
- 5. Click Submit.



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- 6. Once the New School Year is created, click on the year, which will open the Edit School Year page.
- 7. Enter the number of periods per day and the number of days per cycle.
- 8. Click Submit.

Edit School Year		
Option	Value	
Name of School Year	2014-2015 (example: 2000-2001)	
Abbreviation	14-15 (example: 00-01)	
First Day of School	09/02/2014	
Last Day of School	06/30/2015	
Periods	5 -	
Days	6 🔻	
		Submit
		Cabine

1.3 Create Terms

- 1. Click on the link to **Edit Terms** for the new school year.
- 2. Click **New** add each term following the directions from your region's SIS Team.

Edit Term	
Field	Value
Name of Term	
Abbreviation	(example: Q1) Note: This abbreviation must start with a letter. Do not use a number by itself.
First Day of Term	
Last Day of Term	Note: The first and last day of a term cannot be changed once the term has started.
What portion of the school year does this term represent?	1/2
Import File Term # Your Board's the term name	SIS Team will supply you with e, Abreviation,Term dates and portion,



Note: Once the New Year is created:

- Click on Edit Terms.
- Open each term and enter the Import File Term #.

2012-2013
12-13 (example: Q1) Note: This abbreviation must start with a letter. Do not use a number by itself.
09/04/2012 🔯 (мм/далттт)
D6/28/2013 (MM/DD/YYY) Note: The first and last day of a term cannot be changed once the term has started.
? Full year 💌
2200

1.4 How To Copy The Master Schedule

BEFORE STARTING THIS SECTION ****CHANGE THE ACADEMIC YEAR TO THE NEXT SCHOOL YEAR****. CHECK THAT THE ACADEMIC YEAR IS CORRECT FROM HERE TO THE LAST SECTION!

Prior to copying the master schedule consult your region's SIS team.

This step is available for future school years (after the initial setup in PowerSchool) depending on the school's needs.



Please refer to Appendix C for instructions on how to copy the master schedule (Document taken from PowerSource, reference number 8272.)

This function will duplicate the entire master schedule from one year into another.	
Dption	Value
School	North Highlands Elementary
Source year (the school year that the master schedule is being copied from)	2013-2014 💌
Target year (the school year that the master schedule is being copied to)	2014-2015 •
Clear existing scheduling terms in the destination school year	
Δ Select the checkbox to confirm that you want to proceed.	V
	Submit

NOTE: Once the schedule has been copied, return to the Years & Terms function and update the name, abbreviation, first day and last day for each term.



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2. UPDATE FTES AND ATTENDANCE CONVERSIONS - IF NECESSARY

Consult your region's SIS team.

3. UPDATE BELL SCHEDULE - IF NECESSARY

Consult your region's SIS team.

Note: the minimum length of any period must be five minutes or more.

4. SETUP SCHOOL CALENDAR



Remember to setup the school calendar **after** you have copied the Master Schedule. At a minimum you need the first full cycle and last day of the calendar to be set at this point, the remaining dates may be set once verification of dates have been received from your region's SIS team.

NOTE: If you have run the Copy Master Schedule function after you setup your school calendar, PowerSchool reinitializes your calendar and clears any cycle days and bell schedule designations throughout the year.

Unless specified otherwise by your Regional Centre for Education, all calendar days marked as in-session should be assigned a membership value of 1, a cycle day, and a bell schedule. This will help prevent scheduling and attendance issues throughout the school year.

Please reference the iNSchool user guides

- Setting Up your School Calendar User Guide
- Setting Up your School Calendar Quick Reference Sheet
- Changing the School Calendar due to School Closure
- •
- These guides will walk you through the calendar setup. Please note: to enable accurate class size counts at the beginning of the year, the first day of school is to be marked as in session day, even though there are no students present.



5. ADD NEW TEACHERS/UPDATE EXISTING TEACHERS AND STAFF

New staff must be added to PowerSchool in order to associate sections with the new teachers.

Start Page > People > Staff > New Staff Member

Name, ID, and staff type are the required fields. Once the staff member has been created, contact you region's SIS Administrator to setup access and security.

Note: Configure	New Staff Member					
the ID field as	Name (Last, First MI)	Teacher *, Mary *	_			
indicated by your	Preferred Name					
Regional SIS	Email Address	MaryTeacher@staff.ednet.ns.ca				
Toom	Title					
	Sex	Female 🔻				
	Ethnicity					
Once the Edit	D	Mary123 * Be sure	to configure the			
Information has	Teacher Professional Number (Team teachers separate by a comma Ex: 123456,654321)	123456 TEACH instruct	IER ID as per ions from your			
been completed,	Homeroom	Board				
from the staff	School	North Highlands Elementary				
menu, click on the	Lunch ID					
link Scheduling	Home Phone #					
Setup and click on	School Phone #					
	Street					
the box to	City, Province, Postal Code					
Schedule this	SSN					
teacher.	DOB	(MM/DD/YYYY)				
	Staff Type	Teacher -				
In addition,	* Required					
existing staff			Submit			
members should			Submit			
be reviewed, and	Legend					
their information	Page Icons: * - Required Field . Date Entry					
updated if						



necessary.

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6. REVIEW AND UPDATE ROOMS

Note: Room numbers must begin with a number; it is strongly advised by PowerSchool that the room description begins with the room number.

Review the rooms that were setup previously and make any updates or changes, as needed. <u>These changes</u> are effective immediately regardless of which year you are in.

- From the Start Page under the section **School Management**, click on **School Parameters**.
- Click on Rooms.
- Review the rooms currently setup and make any updates if needed.
- If a new room is required, click **New**.
- Enter the room number (beginning with a number NOT a character e.g. 101).
- Enter a description (it is advised the description begins with the room number).



7. Select Courses

Be sure you are in the NEXT school year before you check or uncheck any courses.

- Under the section School Management, click on Courses and Programs.
- Click on **Courses**, and then click on **Manage Courses For This School**.
- Review the courses under the tab **Available and Active;** if any course(s) are **not** to be offered **next year**, uncheck the box.
- Under the tab **Available but Inactive**, put a check next to any course(s) to be offered next year and those courses will be moved to the **Available and Active**.

 This page lists all available and possibly active courses for the selected school and year. To make a course active for the selected school and year, select the checkbox and then click the Submit button. Only available and active courses can be used in live scheduling. Courses that have not been made active for scheduling are not included in this list. To see courses that can be added to this Available but Inactive tab. Active Course Name Course Number ACADEMIC SUPPORT CORE FRENCH 4 CORE FRENCH 4 CORE FRENCH 4 CORE FRENCH 5 CORE FRENCH 5 	rses d ye ve s uling	s for the selected school and ear, select the checkbox and f scheduling. g are not included in this list. Course Nur	ar, n click the Submit button. see courses that can be added to this ac r Course Notes	tive list, click the End Date
Active Course Name* Course Number Course Notes Image: Course State Sta		Course Nur	er Course Notes	End Date
Image: Weight of the sector			Cohoduling poods source use a	
Image: Core French 4 Frecore 4 Outcome Errors DO NOT SCHEDULE Image: Core French 4 FR4 English outcomes. Use in 201 Image: Core French 5 Frecore 5 Outcome Errors DO NOT SCHEDULE		ACCSUP	a place holder only	5
Image: With State S		FRCORE4	Outcome Errors DO NOT SCHEDULE	June 2012
CORE FRENCH 5 FRCORE5 Outcome Errors DO NOT SCHEDULE		FR4	English outcomes. Use in 2012-	+
		FRCORE5	Outcome Errors DO NOT SCHEDULE	June 2012
CORE FRENCH 5 FR5 English outcomes. Use in 201		FR5	English outcomes. Use in 2012-	+
CORE FRENCH 6 FRCORE6 Outcome Errors DO NOT SCHEDULE		FRCORE6	Outcome Errors DO NOT SCHEDULE	June 2012
Image: CORE FRENCH 6 FR6 English outcomes. Use in 201		FR6	English outcomes. Use in 2012-	+
ENGLISH LANGUAGE ARTS 1 ENG1		ENG1		





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8. CREATE SECTIONS

Identify the number of sections needed for each course. Create each section and enter section information. Start Page > School Management > Courses and Programs > Course Sections

Click on the course for which you want to edit or create sections.

Edit Section	Required Fields	/	See Accompanying Notes	
Field	Value			
Course Name	ENGLISH LANGUA	GE ARTS 1		
Course Number	ENG1			
	Expression: 1-2a(A-	B,D-F) 2b(B-F)	3(B-E) 6(A,C-F) 7a-8a(A,C-D,F)	
	A B C	D E F		
	1 🗹 🖾	v v v		
	2a 🗹 🗹	v v v		
	2b 🔲 🗹	v v v		
	3 🛛 🗹	v v		
	4 🗆 🗖		V	
	5a 🗖 🗖		·	
	5b 🗖 🗖			
Schedule	5c 🗖 🗖			
	6 🗹 🗖	v v v		
	7a 🗹 🗖			
	7b 🔽 🗖	V V		
	8a 🗹 🗖 🗸			
	8b 🗖 🗖			
	9a 🗆 🗖			
	9b 🔲 🗖			
	HRA 🗖 🗖			
	HRP 🗖 🗖			
Term	2013-2014 💌	Start Date: 0 End Date: 06	9/03/2013 5/30/2014	



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						Add		
Teacher - Section Lead	Staff	Role	% Allocation	Start Date	End Date	Actions		
	Teacher, one	Lead Teacher	100	09/03/2013	06/30/2014	o –		
Teachers/Staff - Additional						Add		
			No records	found.				
Room - If your list is empty, you must define rooms for	select a room	Se	e Note #1					
Section Number*	11	See N	lote # 2					
Grade Level		See Note #	3					
Current Enrollment	11							
Maximum Enrollment	25							
District Where Taught (Enter District ID If Taught At Different District. Otherwise, Leave Blank.)	0							
School Where Taught								
Dependent Sections (course.section, course.section, etc.)	NUSICE 11, HELL11, MITH, SOLDT, SOCS11.11, VISART1.11, PHE1.11 See Note # 4							
Program (may be overriden by course setting)		•						
Record Attendance Using Attendance Mode	Meeting -							
Record Attendance (only applicable if Record Attendance Using Attendance Mode includes Meeting)	Once for All Meet	ings <a> Each Meeting \$	Separately					
Exclude From Attendance (Optional: Use only to exclude this section from counting towards ADM/ADA for students.)		See Note # 5						
Exclude From Storing Final Grades (Use for Sections that are not graded so blank record are not stored with final grades.)	ds 🔘 Same as course	C Include C Exclud	e (Course Value: Inclu	de)				
Grade Scale	Same as Course	▼ (Cc	ourse Value: P-8 Grading S	Scale)				
Exclude from GPA?	Same as course	Include Exclude	e (Course Value: Inclu	de)				
Exclude from Class Rank?	Same as course	Include Exclud	e (Course Value: Inclu	de)		in the		
Exclude from Honor Roll?	Same as course	Include Exclud	e (Course Value: Inclu	de)				
Section Type	•				S Next Sc	chool		
House	-				Year?			
Team	•				11	. 12		
Close section at max					AV			

Note #1: Room -Room refers to the Room Number

Note #2: Section Number- Refer to Appendix A for section number.



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Note #3: Grade Level – Must be entered for all sections except HRMATTAM and HRMATTPM courses, in the attendance sections, grade level will be blank

Note #4: Dependent Sections – Only required if this is a Parent section, refer to Appendix B for setup.

Note #5: Exclude From Attendance- This must be checked for all courses except HRMATTAM and HRMATTPM.

9. DEPENDENT SECTIONS

Dependent sections are used to associate one section (Parent Section) to others (Dependent Sections), requiring students to enrol in all. For example, in elementary schools, students in the English program, English Language Arts is the parent section and for students in the French Program, French Language Arts is the parent section. All other courses a student is to be enrolled in, including homeroom attendance AM and PM, and the Dependent sections.

9.1 Add Dependent Sections

Enter dependent sections in the **course.section** format; comma separated; ensure there are no spaces between the course name and the section number and separate each course with a comma, not a space. Refer to Appendix B on how to create Dependent Sections.





9.2 Verify Dependent Sections

- From the Start Page, go to: Data and Reporting > Custom Reports.
- Under the section for Scheduling select the report called **Dependent Sections List Report**.
- Check to ensure the dependent sections are entered correctly, no spaces and no special characters in the course.section and that each course is separated by a comma, not a space.

Depe	ependent Sections								
Course Code	Sec.	Course Name	Term	Teacher	Room	Dependent Sections			
ENG1	11	ENGLISH LANGUAGE ARTS 1	11-12		107	HE1Y00.11,MTH1.11,MUSIC1.11,PHE1.11,SCI1.11,SOCST1.11,VISART1.11,HRMATTAM.11,HRMATTPM.11			
ENG1	12	ENGLISH LANGUAGE ARTS 1	11-12		105	HE1Y00.12,MTH1.12,MUSIC1.12,PHE1.12,SCI1.12,SOCST1.12,VISART1.12,HRMATTAM.12,HRMATTPM.12			
ENG1	13	ENGLISH LANGUAGE ARTS 1	11-12		101	HE1Y00.13,MTH1.13,MUSIC1.13,PHE1.13,SCI1.13,SOCST1.13,VISART1.13,HRMATTAM.13,HRMATTPM.13			
ENG2	21	ENGLISH LANGUAGE ARTS 2	11-12		106	HE2Y00.21,MTH2.21,MUSIC2.21,PHE2.21,SCI2.21,SOCST2.21,VISART2.21,HRMATTAM.21,HRMATTPM.21			

- If you see an error you can click on the section number, this will open the Edit Section page.
 - Make any necessary corrections,
 - Click **Submit** to return to the report,
 - Continue until all corrections are made.

10. SETUP NEXT YEAR ACADEMIC HOMEROOMS

Ensure all students to be scheduled for the next year at your school have a **Next Year Academic Homeroom,** this field should begin with a number, no spaces or special characters and it is case sensitive.

Note: After the End of Year Process is run, you will need to copy **NEXT_ACADEMIC_YEAR_HOME_ROOM** to the **Home_Room** field. Please see Section 12.

10.1 Manually Setup Year Next Academic Homeroom

- Select the student.
- Under the section Student Profile, click on Modify Info.
- Enter next year's homeroom number in the field Next Academic Year Homeroom



Are you in

the Next School

10.2 Mass Set Next Year Academic Homerooms

- Select a group of students.
- From the Select Action group function, select Change Student Field Values.
- In the Field to Change Box, select or type **NEXT_ACADEMIC_YEAR_HOME_ROOM**.
- In the **New Field Value** box enter the next academic year home room, e.g. 1Smith or 13W.
- Click Submit, verify your changes and click Submit again.

11. MANUALLY ENROLL STUDENTS IN COURSES.

Only when the master schedule is complete, should students be enrolled in sections, either individually on the **Modify Schedule** student screen, or using the **Mass Enrol** function.

11.1 Mass Enroll

- Search students in each of the next academic year home room e.g. (NEXT_ACADEMIC_YEAR_HOME_ROOM= 1Smith)
- From the Select Action group function, select Mass Register.
- Under Quick Enroll, enter the Parent course and section number (course.section).
- Click Enroll.
- In the Mass Enroll Preview screen, update the entry date with the start date of school, click Submit.

11.2 Verify Enrolment

Once the mass enroll is complete, select one student from the group and verify their schedule by way of the **Matrix View** screen.

11.3 Update IPP students

- Select the student.
- On the modify schedule screen drop the standard course(s).
- Quick enroll in the IPP section for each course that needs to be changed.
- Verify their schedule by way of the matrix view screen.





Scotia Student Information System

12. UPDATE HOMEROOM FIELD FOR NEXT YEAR

This can only be done once the end of year process has been completed. Follow the directions from your region's SIS team for timing of this process.

- Select the students in each of the **Next Academic Year Homerooms**.
- Select the function Modify Student Field Values from the Select Action dropdown list.
- In the New Field Value box enter home_room.
- The new field value is the homeroom the student will be in next year, e.g. 23W.
- Click **Submit**, verify your changes and click **Submit** again.

	32 students are selected	
ption	Value	
ield To Change (Fields)	Home_Room	
	23W	
lew Field Value	Clear Field Value	
	insert "to use the current field value with the new field value.	
ptions	Do not overwrite existing data.	
		Submit
Ares	on the Next	



13. APPENDIX A – CREATING SECTION NUMBERS (ELEMENTARY SCHOOLS SCHEDULING ON THE LIVE SIDE)

In order to identify courses for a group of students, we require that the following pattern be used to create section numbers. If you have any questions, please contact your region's SIS team for assistance.

NOTE: Section numbers should be numeric and once created should NOT be changed.

Only in section numbers will we use 9 to indicate grade Primary.

Sample section numbers:

91- indicates grade primary, teacher 1

- 92 -indicates grade primary, teacher 2
- 11 -indicates grade 1, teacher 1
- 12 -indicates grade 1, teacher 2

Review the number of English and French Immersion classes at your school. For our example we have started our French Immersion sections beginning with teacher 5.

English	Course	Attendance	French	Course	Attendance
	Section	AM & PM		Section	AM & PM
	#s	Section #s		#s	Section #s
Primary Smith	91	91	Primary/One	95	015
			Colt	15	915
Primary/One	92	012	Primary Aucoin	96	96
White	12	912			
One Jones	11	11	Primary Smith	97	97
Two Jeffries	21	21	One/Two	16	126
			Smultz	26	120
Two Cairns	22	22	Two Jakes	25	25

Note: Early Learning Opportunities attendance sections will be single digit section numbers, please contact your region's SIS team for details.



14. APPENDIX B – DEPENDENT SECTIONS (ELEMENTARY SCHOOLS SCHEDULING ON THE LIVE SIDE)

In a word document, create a list of dependent sections for each parent section, (for English Students the parent section should be English Language Arts and for French Immersion students the parent section should be French Language Arts).

Ensure the format is uppercase with no spaces and each section is separated by a comma, not a space. **Sample – Dependent Sections**

Grade 4 Smith

ENG164.1 (Parent Section)

MT164.1,SOCST164.1,FR164.1,SCI164.1,PHYE164.1,VISART164.1,HE164.1,ICT4.1,MUSIC164.1,HRMATTAMP6 .1,HRMATTPM.1 (Section List)

Grade 4/Grade 5 White (Combined Class)

ENG164.2 (Parent Section)

MT164.2,SOCST164.2,FR164.2,SCI164.2,PHYE164.2,VISART164.2,HE164.2,ICT4.2,MUSIC164.2,HRMATTAMP6 .45,HRMATTPM.45 (Section List)

ENG165.2 (Parent Section)

MT165.2,SOCST165.2,FR165.2,SCI165.2,PHYE165.2,VISART165.2,HE165.2,ICT5.2,MUSIC165.2,HRMATTAMP6 .45,HRMATTPM.45 (Section List)

Note: Once the dependent section list is created, copy the list to the **Dependent Sections** for the appropriate Parent Course, see section 9.



15. APPENDIX C-HOW TO COPY THE MASTER SCHEDULE ON THE LIVE SIDE

Following is a copy of the PowerSource document number 8272.

Create the Next School Year

- 1. Log into the appropriate school.
- 2. Navigate to: Start Page > School Management > Scheduling > Years and Terms.
- 3. Select New.
- 4. Populate the appropriate information.

The following is an example for the 2024 -20025 school year:

- Name of School Year: 2024 2025.
- Abbreviation: 24-25.
- First Day of School: first day students attend school.
- Last Day of School: last day students attend school.

		< Term Setup		Rocky Shore School 🔻	23-24 Year 🔻
People	I	Edit Term			
		Field		Value	
School		Name of Term		2024-2025]
Enrollment		Abbreviation		24-25 (example: 00-01)	
- <u>-</u> ->		First Day of Term		09/03/2024	
Courses and		Last Day of Term		06/30/2025	
		What portion of the school year does this term represent?		Full year 🗸	
iii →		Suppress Classes For This Term From Parent/Student Users			
Data and Reporting		Import File Term #		3400	
ing >			3400		
Management					Submit



Set the Term to the Next Year

- 1. Select Term at the top of the PowerSchool page.
- 2. Choose the newly created term such as 2024 2025.



Copy Master Schedule

- 1. From the Start Page, navigate to: School Management > Scheduling > Copy Master Schedule.
- 2. Choose the prior school year as Source year.
- 3. Choose the newly create year as the Target year.
- 4. Check the confirm box.
- 5. Submit.

Copy Master Schedule 🛛 🤸

It is function will duplicate the entire master schedule from one year into another.

Note: When using the Copy Master Schedule function, PowerSchool will reinitialize your school calendar for the target year while copying sections from the source year into the target year. This reinitialization will clear any bell schedules and cycle days specified on the school calendar for the upcoming (target) school year. If your

Option	Value
School	Rocky Shore School
Source Year (The school year that the master schedule is being copied from)	2023-2024 🗸
Target Year (The school year that the master schedule is being copied to)	2024-2025 🗸
Clear Existing Scheduling Terms in the Destination School Year	
Suppress Classes for Copied Terms for Parent/Student Users	
Δ Select the checkbox to confirm that you want to proceed.	
	Submit

school is using the Copy Master Schedule function, it is recommended that your school does not set up the calendar until after copying the master schedule.

