



## Royal West Academy

### Course Outline

Course:	Mathematics 426 Science Option	
Teacher:	F. Girardin	Room: _____
E-mail:	fgirardin@emsb.qc.ca	
Texts/workbooks:	Math Help Services Online Resources & Course packs provided by the teacher	
Course description:	Science Math is a grade 10 reform course. Subjects covered are: Algebra and Equations, Geometry, Statistics, Quadratic Functions, Proofs, Systems of Equations and Trigonometry.	
Remediation:	As needed, remedials will take place at lunch in the homeroom classes.	

Materials Required: Graph or lined paper (about 100 pages), notebook (graph or lined), green or red pen, ruler, pencils, eraser, highlighter, scientific calculator (ideally with display)

Communication with Students/Parents: I communicate by email most of the time. You can always send me an email if you have questions or concerns and I will reply as soon as possible. As important information will be sent, it is strongly recommended that parents/students regularly check their emails. Students must keep up to date with their Google Classroom account.

### Evaluation

<b>Term 1 (50%) - September 1 to TBD</b>		
Competencies Targeted	Evaluation Methods	Timeline
Competency 2: Uses mathematical reasoning	Class Tests Assignments Math Help Services Homework	Generally once per 7 day cycle Generally due 1 or 2 days before tests Occasional small online assignments
Competency 1: Solves a situational problem	Learning and Evaluation Situations	Two or three during the term
<b>Term 2 (50%) - TBD to last day of classes</b>		
Competencies Targeted	Evaluation Methods	Timeline
Competency 2: Uses mathematical reasoning	Class Tests Assignments Math Help Services Homework May Practice Exam	Generally once per 7 day cycle Generally due 1 or 2 days before tests Occasional small online assignments Mid to late May
Competency 1: Solves a situational problem	Learning and Evaluation Situations	Two or three during the term

*Note: Competency 1 is worth 30% of final mark while competency 2 is worth 70% of final mark.*

**End of the Year Results**

Competency 1 (30% of final math mark)				
Term 1	Term 2	Term 3	=	70% of Final C1 Mark
20%	20%	60%		
EMSB Final Exam (June)			=	30% of Final C1 Mark

Competency 2 (70% of final math mark)				
Term 1	Term 2	Term 3	=	50% of Final C2 Mark
20%	20%	60%		
MEES Final Exam (June)			=	50% of Final C2 Mark + Moderation

**Additional Information / Specifications**

**Absent from class:** Students will be given a course pack with all notes and examples covered in class therefore students are responsible for all material covered when he/she is absent from class.

**Absent for a test:** If a student is absent for a test, a note explaining the absence from the evaluation may be required when the student returns to school. A student who is absent because of an ECA activity must notify the teacher ahead of time. Repeated absences will be reported to the administration. **\*\*All missed tests will be rewritten at the teacher's convenience. It is the student's responsibility to contact the teacher.\*\*** If the following procedures are not followed a mark of 0 will be given for the test or evaluation.

**Absent on a day an assignment is due:**

- Student must contact the teacher as soon as possible (email or through google platform). An arrangement will be taken on a case by case basis at the teacher's convenience. If it is a planned absence, hand it in before the due date.
- Late assignments: Students will not be allowed to view the correction period of that assignment and will lose 20% per day that it is late.

**May Practice Exam:** A mandatory practice exam will be written in May in preparation for the Sec. Ministry exam.

**Remediation:** If results show that a student is experiencing difficulties, he/she may be obligated to attend remediation.

**Math Help Services:** Each student will have an account. They can view tutorials on subjects learned in class and will be assigned tutorials and online assignments as well.

**Math resources**

- <http://www.khanacademy.org> → A website containing small videos on many different subjects, including mathematics.
- <http://learnquebec.ca> → An online website including slide shows on many different subjects and online tutoring. You need a password, provided by the homeroom teacher or the administration. There are also online tutoring sessions.
- <https://www.cemc.uwaterloo.ca/courseware> → It contains really good math videos and practice exercises.
- Peer tutoring: A tutoring service organised by Mrs. DiPietro (room 226) where students tutor other students.

**Summer School**

Due to moderation at the June Ministry Exam, any student who decides to give up during the year (consequently has extremely low marks) has an effect on the results of all other students. For this reason, any student in this situation will be required to attend summer school and write the supplemental exam if they wish to return to Royal West Academy the following year.