



## Royal West Academy

### Course Outline

Course:	<b>Mathematics 3A/426 - Science Option</b>	
Teacher:	<b>A. Abraham</b>	Room: <b>201</b>
E-mail:	<a href="mailto:aabraham@emsb.qc.ca">aabraham@emsb.qc.ca</a>	
Texts/workbooks:	Math 3A/426 Course Pack; Math 3000 Exam Prep Workbook; Math Help Services Online Resources	
Course description:	Science Math is a grade 10 class that includes the following topics: Algebra, Geometry, Statistics, Quadratic Functions, Proofs, Systems of Equations and Trigonometry	
Remediation:	Days 3 & 6 @ Lunch (12:30-1:10 in Rm 201)	

Materials Required: Loose-leaf & graph paper, 3-ring binder, pencils, erasers, red pen, ruler, scientific calculator.

Communication with Students/Parents: I communicate by EMSB 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. It is strongly recommended that parents/students regularly check their EMSB emails. Students must also keep up to date with their Google Classroom account, as course details and assessment dates will be posted there.

### Evaluation

<b>Term 1 (20%) - August 31<sup>st</sup> to November 3<sup>rd</sup></b>		
Competencies Targeted	Evaluation Methods	Timeline
Competency 2: Uses mathematical reasoning	Class Tests Assignments	Every 2 weeks approx. Every 2 weeks approx. (Check Google Class calendar)
<b>Term 2 (20%) - November 4<sup>th</sup> to February 16<sup>th</sup></b>		
Competencies Targeted	Evaluation Methods	Timeline
Competency 2: Uses mathematical reasoning	Class Tests Assignments  Mid Term Exam (TBD% of T2)	Every 2 weeks approx. Every 2 weeks approx. (Check Google Class calendar) Mid-December
Competency 1: Solves a situational problem	Situational problems	Generally two or three in the term
<b>Term 3 (60%) - February 17<sup>th</sup> to last day of classes</b>		
Competencies Targeted	Evaluation Methods	Timeline
Competency 2: Uses mathematical reasoning	Class Tests Assignments May Practice Exam (Mandatory)	Every 2 weeks approx. Every 2 weeks approx. (Check Google Class calendar)
Competency 1: Solves a situational problem	Situational problems	Generally two or three in the term

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

**End of the Year Results**

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

Competency 2 (70% of final math mark)				
Term 1	Term 2	Term 3	=	TBD% of Final C2 Mark
20%	20%	60%		
MELS Final Exam (June)			=	TBD% 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/they are absent from class.

**Absent for a test:** If a student is absent for a test, a note explaining the absence from the evaluation will 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 these 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 Google Class). An arrangement will be taken on a case by case basis at the teacher's convenience.
- 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.
- Planned absence: Hand it in before the due date.

**Homework:** Students MUST do their homework, even if homework is not checked or marked regularly.

**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 may 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. It also features many practice problems.
- <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.
- <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.

**Moderation:** The G10 math course has a C2 Ministry Exam at the end of the year and therefore, moderation will take place. For more information on what this means and how it can affect the final C2 mark, I invite you to [watch this video](#)

**Note to students and parents/guardians:** Please note that the information on this outline may need to be modified as the year progresses, in keeping with on-going Covid-19 repercussions. Rest assured that any changes made will be done so as to maximize students' success. An updated version will be available on the school website and in Google Classroom.