



## Royal West Academy

### Course Outline

Course: **Mathematics 4A/506 - Science Option**

Teacher: **Ms. Zuccaro** Room: **213**

E-mail: [mzuccaro@emsb.qc.ca](mailto:mzuccaro@emsb.qc.ca)

Texts/workbooks: Math 4A/506 Course Notes;  
Math Help Services (MHS)

Course description: Science Math is a grade 11 class that includes the following topics:  
Optimization, Functions, Trigonometry, Conics & Vectors

Remediation: Day 1 and 6 @ Lunch (12:30-1:10)/ Location: Rm 213

Materials Required: Loose-leaf or Notebook, graph paper, three ring binder, pencils, erasers, red pen, ruler, scientific calculator.

Communication with Students/Parents: I communicate using the above EMSB email. Students may also send messages in Google Classroom. It is strongly recommended that students and parents regularly check their EMSB email and class posts for course work.

### 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 Quizzes and Tests Assignments	Every 1-2 cycles
<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 Quizzes and Tests Assignments	Every 1-2 cycles
Competency 1: Solves a situational problem	Situational problems	Generally two or three in the term
<b>Mid Year Exam December 12<sup>th</sup>-December 15<sup>th</sup> Weighting is TBD</b>		
<b>Term 3 (60%) February 17<sup>th</sup> to June 22<sup>nd</sup></b>		
Competencies Targeted	Evaluation Methods	Timeline
Competency 2: Uses mathematical reasoning	Class Quizzes and Tests Assignments	Every 1-2 cycles
Competency 1: Solves a situational problem	Situational Problems	Generally two or three in the term
<b>Final Exam June 9<sup>th</sup>-June 22<sup>nd</sup> Weighting is TBD</b>		

**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%		
EMS 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%		
EMS Final Exam (June)			=	TBD% of Final C2 Mark

**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 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. 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, they may be obligated to attend remediation.

**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.

Peer tutoring: A tutoring service organised by Mrs. DiPietro (room 226) where students tutor other students.

**Important note to students and parents/guardians regarding course outlines:** Due to COVID-19, there are many unknowns as to how the 2022-23 school year will unfold. Please note that the information on this outline may need to be modified as the year progresses. Rest assured that any changes made will be done so as to reflect what we feel is best to maximize students' health and success.