

1. As a continuation of the Secondary Cycle One program, The following topics will be studied:
  - i) Arithmetic and Algebra: Understanding real numbers, algebraic expressions and dependency relationships.
  - ii) Geometry: Spatial sense and understanding geometric figures.
  - iii) Statistics and Probability: Understanding random experiments and statistical reports.

2. Workbook: Mathematics 3000, by Chantal and Gérard Buzaglo. List of chapters is as follows:

1: Real Numbers	4: Relations and Functions	7: Isometry and Similitude
2: Algebraic Expressions	5: Solids	8: Probability
3: Equations and Inequalities	6: Area and Volume of Solids	9: Statistics

3. Student competencies to be evaluated:

- **Competency 1** ( The student solves a situational problem): **30%**

- Oral or written indication that the student has an appropriate understanding of the situational problem,
- Mobilization of mathematical knowledge appropriate to the situational problem,
- Development of a solution appropriate to the situational problem,
- Appropriate validation of the steps in the solution.

- **Competency 2** (The student uses mathematical reasoning): **70%**

- Formulation of a conjecture appropriate to the situation,
- Correct application of concepts and processes suited to the situation,
- Proper implementation of mathematical reasoning suited to the situation,
- Proper organization of the steps in a proof suited to the situation,
- Correct justification of the steps in a proof suited to the situation.

**In addition**, each student's competency 2 mark will be broken down as follows:

- 10% Participation, class behavior, binder check and effort
- 20% 10% Homework / 10% Assignments
- 30% Quizzes
- 40% Tests

**There will be 3 terms weighted as follows: Term 1 = 20%, Term 2 = 20%, Term 3 = 60%**

4. Placement Guidelines:

- A summary mark between 60% will allow the student to continue on to grade 10 Mathematics (Second Cycle, Year Two), in one of the following two options:

- 1) Cultural, social and technical option
- 2) Science option (a minimum mark of 76% is required)

5. General Information:

- If a class is **missed for any reason**, it is the **student's responsibility** to obtain and complete all work missed. A missed test or quiz , must be justified, and will be written on the day the student returns to school. Unjustified absences will receive a mark of **zero**.
- For students to do well it is crucial that they actively participate in class, complete all homework assignments and adequately review for all formal evaluation sessions.
- Remedial help will be available at lunch hour (a definitive schedule will be provided in the next few weeks). Any student in difficulty is strongly encouraged to make appointments to see the teacher ASAP.
- Parents will be contacted for an infringement of class rules or for incomplete assignments. It is only through cooperation of student, teacher, and parents that the best learning environment can be achieved.
- Homework / Practice will be verified each class.

- There will be a **test/quiz every day 4** ; which will be handed back and corrected in class on the following day **1**.

**Test marks that are less than 60% require a parent/guardian signature on the mark tracker sheet.**

- Parents and students will be able to find important information about the course (as well as marks) on my website at the following address: **http://mrsbotros.com**

You may also contact me via **email : lbotros@wqsb.qc.ca**

**Or by phone: 819-776-3158 voice mail: 439413**

### CLASSROOM RULES / ETIQUETTE

- 1. Respect:** - The **teacher** or fellow students by not calling out or seeking too much attention.  
- **Others** by listening for instructions/explanations the first time they are given.  
by not swearing, using inappropriate language, or making "put-downs".  
by being patient for instructions/explanations or help from the teacher.  
- The **learning environment** by not creating unnecessary noise, and by keeping the classroom clean. If you write on a desk, you will have to clean all the desks at lunch or at recess.
- 2. Punctuality:** Be on time, in your seat, ready to work when the bell rings.
- 3. Preparedness:** Always bring your own calculator, Workbook, notebook, pencil and eraser. You will not be allowed to return to your locker. You may not share these with anyone for a test or a quiz.
- 4. Responsibility:** Take every task you are given seriously. Take out your homework as soon as you enter the class. Justify your absence during a test or a quiz. Catch up on all missed work.

### CLASS MATERIALS

- Pencils. Eraser. Blue pens. Ruler. Highlighters any color. 1 pack of post it notes.
- Scientific calculator (suggested models: **Sharp** EL W 531 or EL W 535; **Casio** FX 300 MS+ ; **Texas Instruments** TI-30X IIS or TI-30 XA)

Please note that the following models are not allowed: **Sharp** EL W516 or EL 520 or EL 546; **Casio** FX 991 MS or FX 991 E; **Texas Instruments** TI 36X or TI 83 or TI 84+ or TI 30XS

- 2 clear page protectors for memory aids.
- One 3-rings binder for math (2 1/2 inches).
- A pack of 4 Hilroy exercise books. For notes. (32 pages each)

I understand and agree to all of the above

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Student name

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Student signature

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Date

\_\_\_\_\_  
Parent's name

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Parent's signature

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**Parent's Email**