**Foundations of Math 12**

**Teacher:** Mr. Keeley

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**Course Overview:**

This academic course is designed to provide students with the mathematical and critical thinking skills required for post-secondary programs (excluding engineering or sciences) that require the study of Math. Topics include Finances, Set Theory, Counting Methods, Probability, Exponential and Logarithmic Functions, Polynomials, and Sinusoidal Functions.

Daily individual homework and review is ***strongly recommended***. To succeed in Mathematics practice is paramount. Your daily practice will directly influence your ability to keep pace with the class topics and your performance on the final exam. Stay up to date.

**Assessment:**

Marks will be determined as a result of student performance on the following Curricular Competencies:

* Reasoning & Modelling
* Understanding & Solving
* Communicating & Representing
* Connecting & Reflecting

10% Assignments

70% Tests

20% School Exam

**Mandatory Materials**

* Pencil/Pen/Eraser
* Loose leaf paper
* Workbook
* Textbook

A Graphing Calculator will be provided for in class work only.

**Student Behavior and Attitude**

* Students are expected to be courteous and respectful in terms of their behavior in this classroom. Attention to lessons taught is expected. I encourage phone calls (or e-mails) from concerned parents and will contact home if behavior (especially) is unacceptable. An interim report will be sent home midway through the term for any students with a grade of C- or lower.
* Students are NOT to have cell phones out at all during school hours. NO EXCEPTIONS!!! If it is an emergency, parents please contact the school office, and they will contact the teacher.
* No food or drinks are allowed in this classroom (a water bottle is acceptable) unless you are attending a lunch or after school help session.
* Visits to the washroom, drinking fountains, and lockers must be made before class begins. During class time, these privileges will be rarely granted.

**Assignments**

* There will be homework checks on a regular basis as well as assignments, which will be marked and recorded.
* Assignments and tests should be completed neatly and in PENCIL

**Attendance**

* Students are expected to come to class prepared to work with all necessary materials (graphing calculator. textbook, binder, pencil(s), paper, etc.)
* Do not be late. Late students disrupt the class, teacher, and the lesson.
* If you are late enter QUIETLY, sit down, and get to work.
* You are responsible for any notes, assignments, quizzes, and tests you miss.

• Missed Notes: You must get them from a fellow student or online.

• Missed Assignments: A chapter outline will be distributed for each chapter describing the topic and assignment for the class missed. It is your responsibility to **attempt** the homework prior to returning to class.

• Missed Tests/Quizzes: Tests will be written after the absence has been excused through the office. Quizzes will be written upon returning to class.

It is your responsibility to make up material missed. I WILL NOT CHASE!!

**BE ON TIME - BE PREPARED - ACTIVELY PARTICIPATE – RESPECT**