

Teacher Name: *Graham Fong*
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Subject: *Mathematics*
Grade Level: *Secondary 3*

Course Description:

Students will be working on the main themes of the mathematics curriculum: algebra, geometry, statistics and probability

Course Content:

Term 1: August 30 th – November 4 th		20 % of year
Content	Timeline (Dates)	Evaluation Methods
- Pythagorean theorem	September	Competency 1: Solves a situational problem (30%) <ul style="list-style-type: none"> • 2 -3 situational problems Competency 2: Uses mathematical reasoning (70%) <ul style="list-style-type: none"> • Homework (5%) • Assignments/Quizzes (25%) • Tests (40%)
- Exponent laws	September- October	
- Polynomial operations		
- Algebraic equations	October – November	
Term 2: November 4 th – February 23 rd		20 % of year
Content	Timeline (Dates)	Evaluation Methods
- Inequalities	November	Competency 1: Solves a situational problem (30%) <ul style="list-style-type: none"> • 2 -3 situational problems Competency 2: Uses mathematical reasoning (70%) <ul style="list-style-type: none"> • Homework (5%) • Assignments/Quizzes (25%) • Tests (40%)
- Linear relations: graphing a line, finding the equation of a line, word problems with linear functions	December – January	
- Solving systems of equations: graphically, table of values, algebraically	January	
- Rational function: graphing, finding the rule	February	

Term 3: February 24 th – June 22 nd		60 % of year
Content	Timeline (Dates)	Evaluation Methods
- Surface Area of solids	February - March	Competency 1: Solves a situational problem (30%) <ul style="list-style-type: none"> • 2 -3 situational problems Competency 2: Uses mathematical reasoning (70%) <ul style="list-style-type: none"> • Homework (5%) • Assignments/Quizzes (25%) • Tests (40%)
- Volume of Solids	March – April	
- Similar Solids	April – May	
- Statistics & Probability	May	
RESOURCES USED:		<i>WQSB Secondary 3 student Workbook</i>

Course content & timelines may be adjusted as the year progresses to meet the needs of the students

Communication:

Students will be provided with a minimum of 4 communications throughout the school year.

- October 15th – Progress report
- November 20th – 1st term report card
- March 15th – 2nd term report card
- July 10th – Final report card

General Information

List of general information about the course, classroom expectations, etc.

- **Homework:** You will be expected to complete homework on a regular basis. Homework will not be corrected, it will be marked for *completion* only. Although homework is not heavily weighted, it is crucial to your success as it provides you with the opportunity to practice what has been taught in class.
- **Tests:** There will be 1 test per unit. You will be allowed to prepare a memory aid for each test on an 8.5 by 11 sheet of paper. It is recommended that you carefully keep each memory aid throughout the year to help you with your final review.
- **Absences:** You are responsible for getting the notes that you miss from a classmate and completing the required homework.

- **Behaviour:** You are expected to be on time for class with all necessary materials. You need to play an active role in your own learning by paying attention to each lesson and asking questions when you need clarifications.