

ESSENTIAL MATHEMATICS 20S COURSE OUTLINE (2018-2019)

Welcome to Essential Mathematics 20S! Please read this outline carefully, sign it and hand it back to the teacher.

Course Description: Students construct their understanding of mathematics by developing meaning based on a variety of learning experiences. This meaning is best developed when learners encounter mathematical experiences that proceed from simple to complex and from the concrete to the abstract. *Essential Mathematics 20S* demonstrates how to use mathematics in everyday life. The skills that are taught are those that informed citizens need.

Goals for Students:

- Solve problems
- Make connections between mathematics and its applications
- Appreciate and value mathematics
- Communicate and reason mathematically
- Become mathematically literate
- Make informed decisions as contributors to society

To help you obtain the skills and accomplish these goals mentioned, this course has been broken down into the following eight units (proposed timeline included):

<ul style="list-style-type: none">• Unit 1: Personal Finance (Sept.)• Unit 2: Measurement (Oct.)• Unit 3: Geometry (Dec.-Jan.)• Unit 4: Trigonometry (Feb.)	<ul style="list-style-type: none">• Unit 5: Transformations (Mar.)• Unit 6: Statistics and Probability (April)• Unit 7: Design and Modelling (May)• Unit 8: Consumer Decisions (June)
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Students may be asked to bring materials from home for projects and activities.

Mark Breakdown:

Course Work	70%
Final Assessment	30%

Class Attendance

It is important for students to attend this class on a regular basis as class discussions may appear on assignment pieces. Should a student have to miss class, he/she has the responsibility to find out from a classmate what was discussed in class and get himself/herself caught up with notes/questions/tests or quizzes.

Students who skip 20 classes will not be eligible for a credit. Refer to student handbook.

