2022-2023

ESSENTIAL MATHEMATICS 40S

Course Code:3000

Grade 12

Teacher: Mr. Reimer

Contact Information: mreimer@trsd.ca

Credit Value: 1 credit

Alonsa School **Semester One** **Room 9**

Welcome to Essential Mathematics 40S! Please read this outline carefully, sign it and hand it back to the teacher.

Required Materials: pencil, eraser, scientific calculator (may not use your phone, ruler, geometry set.

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 40S* 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):

• **Unit 1:** Home Finance (Sept.) • **Unit 2:** Geometry and Trigonometry (Sept. - Oct.) • **Unit 3:** Business Finance (Oct.) • **Unit 4:** Probability (Oct. – Nov.)	• **Unit 5:** Vehicle Finance (Nov.) • **Unit 6:** Career Life (Nov. - Dec.) • **Unit 7:** Statistics (Dec.) • **Unit 8:** Precision Measurement (Jan.)

Students may be asked to bring materials from home for projects and activities.

Mark Breakdown:

Course Work	80%
Final Assessment	20%

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 miss class will be able to find the day's lesson/assignment on Microsoft Teams.

Marked Assignments

All assignments that are worth marks will be completed in the classroom under the supervision of the classroom teacher.

Redo/Challenging Assignments or Tests

Students who do poorly on an assignment or test may come at lunch time (12:05 – 1:00) to redo/challenge an assignment in order to improve their mark. Redoing/challenging assignments must be done within the unit they are currently studying. Students who missed a test or would like to complete a re-test will have one week to do so following the original unit test date. All assignments must be done under the supervision of the classroom teacher. **It is the student's responsibility to make the arrangements with the teacher as to which assessment they wish to redo/challenge.**

Lunch Hour (12:05-1:00)

Students may also come at lunch time (12:05-1:00), eat lunch, and get extra help on assignments or get caught up on work they have missed.

Students who wish to redo/challenge an assignment or test in order to improve their mark may also do so at this time.

Plagiarized Assignments will receive a mark of zero.

Zero Policy: Once a unit of study has been completed, you may no longer hand in assignments for that unit. Assignments not completed by the end of a unit will receive a mark of zero.

Students and Parents/Guardians:

Please sign below to indicate that you have read and understand the course outline. If you have any questions or comments, please include them on the space below. If, at any time during the school year, you have questions or concerns, please call the school and leave a message. I will get back to you as soon as possible.

Sincerely,

Mr. Reimer

Student signature: _____

Parent/ Parent/Guardian Signature: _____