



**CROCUS PLAINS REGIONAL SECONDARY SCHOOL
COURSE OUTLINE AND ASSESSMENT GUIDE**

Course Name: Essential Mathematics 40S (MES40S)

Teacher's Name: Mr. Bolton

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Course Description:

- Grade 12 Essential Mathematics (40S) is intended for students whose post-secondary planning does not include a focus on mathematics and science-related fields. The learning outcomes emphasize consumer applications, problem solving, decision making, and spatial sense. Students are expected to demonstrate a consistent effort throughout the school term and a commitment to completing quality work on a daily basis.

Units of Study

Unit Title	Learning Outcomes	Assessment Plan	Proposed Time
Unit 1: Measurement & Geometry	12E5.P.1. Demonstrate an understanding of the limitations of measuring instruments, including: • precision • accuracy • uncertainty • tolerance 12E6.G.1. Solve problems by using the sine law and cosine law, excluding the ambiguous case. 12E6.G.2. Solve problems that involve: • triangles • quadrilaterals • regular polygons	<u>Formative Assessment</u> May include: • Textbook Assignments <u>Summative Assessment</u> May include: • Tests • Projects	20 days



Unit 2: Finance	12E5.V.1. Solve problems that involve the acquisition, operation and maintenance of a vehicle, when • buying • leasing • leasing to buy. 12E6.H.1. Solve problems involving the purchase and maintenance of a house.	<u>Formative Assessment</u> May include: • Textbook Assignments • Quizzes <u>Summative Assessment</u> May include: • Tests • Projects	25 days
Unit 3: Statistics & Probability	12E5.S.1. Solve problems that involve measures of central tendency, including: • mean • median • mode • weighted mean • trimmed mean. 12E5.S.2. Analyze and describe percentiles. 12E6.P.1. Analyze and interpret problems that involve probability.	<u>Formative Assessment</u> May include: • Textbook Assignments <u>Summative Assessment</u> May include: • Tests • Projects	20 days

Academic Achievement

Grades will be calculated on summative assessment information only. The final calculation will be a fair reflection of a student's achievement of the learning outcomes.

Tests/Projects.....80%

Final Assessment20%

- Provincial Exam
- Wednesday January 27th, 2027, at 9:00 am

