



MAT2L Essential Mathematics Grade 10, Locally Developed

General Course Information

Prerequisite:	A grade 9 mathematics credit
Teacher:	416-396-6793 Ext 20458
Department:	Mathematics
Extra Help:	After In-Class time or an Online Tutorial planned with your teacher
Textbook and Replacement Cost:	n/a
Required Materials:	binder, paper, calculator, ruler, pencil, eraser

Course Description

This course emphasizes further development of mathematical knowledge and skills to prepare students for success in their everyday lives, in the workplace, and in the Grade 11 and Grade 12 Mathematics Workplace Preparation courses.

This course is organized into nine units, as described below. In all units, the focus is on developing and consolidating key foundational mathematical concepts and skills by solving authentic, everyday problems.

Students have opportunities to further develop their mathematical literacy and problem-solving skills and to continue developing their skills in reading, writing, oral language and through relevant and practical math activities.

Assessment and Evaluation

To promote student success, ongoing assessment and feedback will be given regularly to the students. A variety of assessment and evaluation strategies will be used in this course, including tests, quizzes, assignments, conversations and observations. A student's achievement of the overall curriculum expectations will be evaluated in accordance with the achievement charts in the provincial curriculum and will be reported using percentage marks.

Expectations are organized into four categories. The categories and their corresponding weighting is as follows:

Knowledge and Understanding	35%	Thinking	5%
Application	20%	Communication	10%

Each student's final mark will be in the form of a percentage grade based on their achievement in the 4 categories on the achievement chart. The breakdown of the final mark is as followed:

Term Evaluation	70%	Final Culminating Activity	30%
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The final Evaluation will be completed during the final 2 weeks of the course and may include a variety of summative activities including an exam, an assignment or task.

In addition to students' performance in the achievement categories, students will also be assessed on their performance in the following learning skills:

Responsibility	Organization	Independent Work
Collaboration	Initiative	Self-Regulation

For specific policies on assessment and evaluation, and academic honesty, please refer to *Code of Conduct*.

The course is organized into the following units:

Working for Our Money	Spending Money
Linear Measurement: Metric	Linear Measurement: Imperial
Properties of Circles	Circles and Angles
Getting the Right Mix	Planning a Trip
Circles and Cylinders	