

COURSE DESCRIPTION

This course enables students to consolidate their understanding of key mathematical concepts and to expand their mathematical knowledge through hands-on activities in problem-solving situations. Students will solve problems using a variety of methods of calculation; consolidate the meaning and use of proportionality through applications; use patterning strategies to solve simple problems; collect and analyze data that will result in linear relationships; investigate measurement aspects of two-dimensional figures and three-dimensional objects; and explore geometric relationships. This course will prepare students for the Grade 11 Mathematics course, *Mathematics for Everyday Life-Workplace Preparation*.

PREREQUISITES

You must have successfully completed **ONE** of the following grade 9 courses:

- ▶ Principles of Mathematics- Academic (MBM1D)
- ▶ Foundations of Mathematics-Applied (MFM1P)
- ▶ Essential Mathematics, Essential (MAT1L)

COURSE REQUIREMENTS

1. Workbook- Math Essentials 10 (replacement cost is \$10)
2. Calculator
3. Pencil/Eraser/Blue Pen/Red Pen/Ruler
4. Notebook (pages stapled for you)

*Materials must be brought to each class

CURRICULUM CONCEPTS COVERED

Money Sense, Measurement, Geometry, Ratio & Rate, Planning Trips

LEARNING SKILLS

Work Habits, Organization, Independent Work, Team Work, Initiative

ASSESSMENT AND EVALUATION

Achievement Category	Weight	Assessment Strategies
K/U: Knowledge & Understanding	50%	<i>Quizzes/Tests,</i>
TIPS: Thinking, Inquiry & Problem Solving	20%	<i>Assignments,</i>
C: Communication	15%	<i>Investigations, &</i>
A: Application	15%	<i>Discussions</i>

FINAL GRADE

Term Work	70%
Final Exam	<u>30%</u>
	100%