

HOLY TRINITY CATHOLIC SECONDARY SCHOOL

COURSE OUTLINE



Name of Course/Course Code: Foundations of Mathematics, MFM 1P

Course Prerequisite: None

Course Description:

This course enables students to develop an understanding of mathematical concepts related to introductory algebra, proportional reasoning, and measurement and geometry through investigation, the effective use of technology, and hands-on activities. Students will investigate real-life examples to develop various representations of linear relations, and will determine the connections between the representations. They will also explore certain relationships that emerge from the measurement of three-dimensional figures and two-dimensional shapes. Students will consolidate their mathematical skills as they solve problems and communicate their thinking.

Catholic Graduate Expectations:

Students will apply Christian values to pose and solve problems, to make logical decisions, and to become critical thinkers who share their abilities for the benefit of all in their classroom and school community. A supportive mathematics classroom provides a caring and sensitive environment where the dignity and value of all students is respected and affirmed as they grow in confidence in their mathematical abilities.

Units of Study

Unit 1	<i>Number Sense and Algebra</i>
Unit 2	<i>Linear Relations</i>
Unit 3	<i>Measurement</i>
Unit 4	Geometry

Evaluation

70%	30%
Knowledge/Understanding	Culminating Task
Thinking/Inquiry	15%
Communication	Exam
Application	15%

Course Resources Required:

Scientific Calculator
Ruler
Pencil
Eraser
Binder with paper
Textbook (Provided)

For a detailed course description of this course, please visit
<https://www.edu.gov.on.ca/eng/curriculum/secondary>