

Growing Minds
Mathematics Department
Course Outline
Principles of Mathematics 10
(MPM2D)

This course is based on the following Ministry of Education documents:
The Ontario Curriculum Grades 9 and 10, Mathematics, 2005 Revised.

Course Name: Principles of Mathematics, Grade 10,
Academic

Course Type: Academic

Course Code: MPM2D

Credit Value: One credit

Hours: 110 hours

Prerequisite: Grade 9 Mathematics, Academic

Course Description (As specified in the Ministry of Education Policy Document)

This course enables students to broaden their understanding of relationships and extend their problem-solving and algebraic skills through investigation, the effective use of technology, and abstract reasoning. Students will explore quadratic relations and their applications; solve and apply linear systems; verify properties of geometric figures using analytic geometry; and investigate the trigonometry of right and acute triangles. Students will reason mathematically and communicate their thinking as they solve multi-step problems.