Growing Minds
Mathematics Department
Course Outline
Principles of Mathematics 9
(MPM1D)

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 9,
Academic

Course Type: Academic

Course Code: MPM1D

Credit Value: One credit

Hours: 110 hours

Prerequisite: Promotion from Grade 8

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

This course enables students to develop an understanding of mathematical concepts related to algebra, analytic geometry, and measurement and geometry through investigation, the effective use of technology, and abstract reasoning. Students will investigate relationships, which they will then generalize as equations of lines, and will determine the connections between different representations of a linear relation. They will also explore relationships that emerge from the measurement of three-dimensional figures and two-dimensional shapes. Students will reason mathematically and communicate their thinking as they solve multi-step problems.