

**Principles of Mathematics, Grade 10 – Academic**  
**MPM 2D0**

In this course, students learn about Quadratic Relations, Analytic Geometry, and Trigonometry

- Students will learn about similar triangles to measure distances, and use trigonometric ratios to solve various word problems
- Students will also learn about quadratic relations and graph a transformed parabola. They will also learn how to find the midpoint of a line segment and the shortest distance of a point to a line
- With this course, you can go onto grade 11 University Functions. It is recommended that you have an average of 70% to continue in the University level math courses

**Prerequisite:** Principles of Mathematics, Grade 9, Academic (MPM 1D0)