



## Bluevale Collegiate Mathematics Department

### *Grade 10 Course Description*



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#### **MPM 2DI – Grade 10 Academic**

##### *Principles of Mathematics*

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.

##### **Prerequisite:**

MTH 1WI – Grade 9 Mathematics

*Please note that as of the 2022-2023 school year, all students in the WRDSB will take this course and no other math courses in Grade 10 will be offered.*