**Math 10F course description outline**

**DESCRIPTION**

Grade 9 Mathematics (10F) is a foundation course to prepare students for multiple possible pathways in Grades 10 to 12. The course builds on the understandings from Kindergarten to Grade 8 Mathematics.

Below is a breakdown of the course:

* Module 1 (Number Sense): One assignment and one test.
* Module 2 (Probability and Statistics): Two assignments and one test.
* Module 3 (Powers and Exponents): Two assignments and one test.
* Module 4 (Symmetry and Surface Area): One assignment and one test.
* Module 5 (Polynomials): Two assignments and one test.
* Module 6 (Scale Factor and Similarity): One assignment and one test.
* Module 7 (Linear Relations and Equations): One assignment and one test.
* Module 8 (Circle Geometry): One assignment and one test.

Total: Eight modules, 11 assignments and 8 tests.

Tests have weight of 60% and the assignments have a weight of 40%.

The final exam is weighted as a test but is about twice as many marks as a test.

Due dates for assignments and test are pre-scheduled to help students stay on track with the timing of the course. Students are expected to work through the modules on their own time (one hour per school day is recommended). Each Module consists of multiple lessons that provide information and explanations, as well as a number of practice questions.

Students can email their teacher if they have questions about any of the content or practice questions. Each module takes approximately 2 weeks to complete.

**REQUIRED MATERIALS**

* Computer
* Calculator
* Protractor
* Pencil
* Eraser
* Paper