

## **MATHEMATICS**

### **Grade 9**

#### **MATHEMATICS FOUNDATIONS - MA10F**

This course provides the foundation for the various mathematics courses at the grade 10 level. The course includes, but is not limited to, statistics, probability, measurement, algebra, geometry and problem solving.

#### **TRANSITIONAL MATH - MA10FT**

Transitional Mathematics is a course offered primarily for those who have had mathematics difficulty in the past. The course focuses on concepts such as real numbers, number conversions, consumer math and basic algebra. Students in Transitional Math will be more prepared to work with outcomes from the regular Math 10F curriculum.

### **Grade 10**

#### **MATHEMATICS ESSENTIAL - MA20S**

Grade 10 Mathematics Essential is intended for students whose post-secondary planning does not include a focus on mathematics and science-related fields. Mathematics Essential topics emphasize consumer applications, problem solving, decision-making, and spatial sense. Students are expected to work both individually and in small groups on mathematical concepts and skills encountered in everyday life in a technological society.

#### **MATHEMATICS INTRODUCTION TO APPLIED AND PRE-CALCULUS - MA20SPA**

The grade 10 introduction to Applied and Pre-Calculus is intended for students considering post-secondary studies that require a math pre-requisite. The topics studied form the foundation for topics to be studied in both grade 11 Applied and Pre-Calculus Mathematics. Students will engage in experiments and activities that include the use of technology, problem solving, mental mathematics and theoretical mathematics to promote the development of mathematical skills.