



Math Department



YEAR 1:	YEAR 2:	YEAR 3:	YEAR 4:	YEAR 5:
Natural numbers, Integers, Fractions, Decimals and Percentage, Lines and Angles, Perimeter and Area, Algebra.	BEDMAS review (numbers about me), Algebra (tessellations), Equations, Statistics (environmental crisis), Proportional situations, Circles, Linear relations, Regular polygons, 3D shapes (logo design), Probability	Pythagorean theorem, Real numbers, Exponents, Scientific notation (micro vs. macro), Polynomials, 3D solids (natural shapes), Functions (crooked food), Statistics (UN goals)	CST Analytic Geometry, Triangles, Trigonometry, Systems of Equations, Functions, Statistics	CST Optimization (optimizing project), Graph Theory (constellation project), Mathematics of Finance (buying a car project), Equivalent Figures, Probability
			SN Factoring and Rational Expressions, Quadratic Function, Greatest Integer Function, Analytic Geometry, Systems of Equations, Triangles, Trigonometry, Equivalent Figures	SN Optimization, Real Functions, Exponential and Logarithmic Function, Trigonometry, Vectors, Conics

BRAG ABOUT YOUR PROGRAMS: McGill guest speakers, MHS online services, in-school tutoring

The Secondary I regular math program is designed to assist students who have had previous difficulty by parceling out the work in manageable, "bite-sized" pieces. The program moves through a review of Grade 6, through Secondary I, and onto an introduction to the Secondary II program. Enrichment is provided, and the year will culminate in a "home renovation" style project.

MELS CRITERIA:

C2: Uses mathematical reasoning,

C1: Solves a situational problem

IB CRITERIA:

A: Knowing and understanding,

B: Investigating patterns,

C: Communicating,

D: Applying mathematics in real-life contexts

PHOTOS:



