Commission scolaire English-Montréal
English Montreal School Board

ÉCOLE FACE SCHOOL

3449 Rue University, Montréal, QC H3A 2A8, Tel: (514) 350-8899
https://face.emsb.qc.ca/face

Standards and Procedures

Subject :	**Mathematics**
Teacher (s) :	**Mr. Santo**
Grade:	**Grade 7**
School Year :	2025-2026

Term 1 (20%)

General Timeline: *August 28th, 2025 – November 6th,2025*

Competencies evaluated: Uses mathematical reasoning, Communicates by using mathematical language
Cross Curricular Competencies: Organizes work

Term 2 (20%)

General Timeline: November 10*th, 2025 – February 6th, 2026*

Competencies evaluated: Uses mathematical reasoning, Communicates by using mathematical language
Cross Curricular Competencies: Organizes work

Term 3 (60%)

General Timeline: *February 9th, 2026 – June 22nd, 2026*

Competencies evaluated: Uses mathematical reasoning, Communicates by using mathematical language
Cross Curricular Competencies: Organizes work

Evaluation Methods*: Formative and Summative*

TERM 1 (20% of School Grade):

Competency 1 – No evaluations in Term 1

Competency 2 (100% of term 1 Grade)

- In-class/Take-home Assignments throughout the term – 10%
- Quizzes – 3 (or more) – 40%
- Tests – 1 (or more) – 50%

TERM 2 (20% of School Grade):

Competency 1 (30% of Term 2 Grade) – 2 or more in-class Situational Problems

Competency 2 (70% of Term 2 Grade)

- In-class/Take-home Assignments throughout the term – 10%
- Quizzes – 3 (or more) – 30%
- Tests – 2 (or more) – 30%
- Mid-Year Exam (TBD) – 30%

TERM 3 (60% of School Grade):

Competency 1 (30% of Term 2 Grade)

- In-class Situational Problems – 2 (or more) – 70%
- Final C1 Exam – 30%

Competency 2 (70% of Term 2 Grade)

- In-class/Take-home Assignments throughout the term – 10%
- Quizzes – 3 (or more) – 30%
- Tests – 2 (or more) – 30%
- Final C2 Exam – 30%

Comments about MEQ Evaluations:

Competency 1 Evaluations are often referred to as Situational Problems. These are longer problems that require more steps, decision making, and organization.

Competency 2 Evaluations involve class quizzes and tests. These will often mirror what students will see on Midyear or Final Exams (past exam questions) and follow the same format and expectations so that students can develop a familiarity.

In both cases, refer to the Pacing Guide which outlines what topics will be covered in sequential order. Our class periods are 60 minutes long, and each topic is further outlined by specific skills or concepts that will be covered (see below).

Communication to Students and Parents:

Communication is generally through Google Classroom, in which students are already enrolled. For direct contact, feel free to email me at vsanto@emsb.qc.ca where I'd be glad to touch base, keep you updated, or answer any questions you may have for me.

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Materials/Routines/Other:

Students are asked to have all class materials (binder, notebook(s), class books, pencil case) at the beginning of every class.
The Grade 7 Math workbook is Math 3000. We refer to this workbook for class notes and exercises as well as homework.

TOPIC	TITLE	75 min Period Estimate	50 min Period Estimate
1	Natural Numbers	15	22
2	From Integers to the Cartesian plane	18	27
3	Fractions	15	23
4	Decimal numbers	8	12
5	Statistics	6	9
6	From Numerical Series to Rules	15	22
7	Lines and Angles	8	12
8	Triangles and Quadrilaterals	14	21
9	Transformations	2	3
	End-of-Year Review	3	5

Topic 1 – Natural Numbers
- Estimation and rounding
- Number order (<, >, =)
- Addition and subtraction
- Multiplication and division

- Commutative, distributive, associative properties
- Properties of divisibility (2,3,4,5,10)
- Exponents and exponential notation
- Prime and composite numbers
- Factorization and prime factorization
- Common divisors and common multiples (LCM, GCF)
- Order of operations
- Translates a situation using order of operations

Topic 2 – From Integers to the Cartesian Plane
- Integers and order (number line)
- Cartesian plane
- Addition and subtraction (properties)
- Multiplication and division (properties)
- Exponents (the difference between with brackets and without brackets)
- Order of operations

Topic 3 – Fractions
- Fraction & mixed number
- Equivalent fractions
- Comparing fractions and common denominators
- Addition and subtraction of fractions
- Multiplication and reduction of fractions
- Reciprocal of a fraction
- Division of fractions
- Integer exponents
- Converting one form of notation into another (from fractional to percentage notation, and vice versa)
- Order of operations

Topic 4 – Decimal Numbers
- Decimal notation and decimal fraction
- Place value, order and rounding
- Converting one form of notation into another (from decimal to fractional notation, from decimal to percentage notation, and vice versa)
- Finds the percentage of a number
- Multiplication and division by powers of 10
- Order of operations

Topic 5 - Statistics
- Determines and interprets range, minimum, and maximum of a sample
- Organizes and presents data using a table presenting variables or frequencies
- Describes the concept of arithmetic mean
- Calculates and interprets arithmetic mean
- Read & construct bar graphs and broken-line graphs
- Read circle graphs

Topic 6 - From Numerical Series to Rules
- What is an unknown
- Describes the role of components of a rule (variable, constant, coefficient)
- Recognizes that a table, a graph, and a rule are interrelated
- Calculates the numeric value of a rule (using a given rule, replace the unknown to find the numeric value)

**Note: Finding the rule of the series will only be evaluated during Sec II*

Topic 7 – Lines and Angles

- Angles
- Parallel lines & Perpendicular lines
- Perpendicular bisector and bisector
- Angles formed by a transversal line (complementary, supplementary, adjacent, vertically opposite, alternate interior, alternate exterior and corresponding)

Topic 8 – Triangles and Quadrilaterals

- Define and classify triangles and quadrilaterals
- Median and altitude
- Sum of angles in a triangle
- Quadrilateral and sum of angles in a quadrilateral
- Properties of quadrilaterals
- Perimeter
- Relationships between SI units length to length
- Area of a triangle, rectangle, square, parallelogram, rhombus and trapezoid

Topic 9 - Transformations

- Recognizes the geometric transformation(s) linking a figure and its image (translation, reflection, rotation)

**Note: Geometric transformations in the Cartesian plane are not covered in Secondary Cycle One.*