

# Westmount High School

## STANDARDS & PROCEDURES WORKSHEET

<b>Subject:</b>	<b>Mathematics 126</b>
<b>Grade:</b>	Secondary 1 (C1, Y1)

<b>Term 1 (40%)</b>	
<b>Competencies Targeted</b>	<b>Evaluation Methods (e.g., End-of-term Evaluation Situation, Tests, Projects)</b>
Competency 1: (30%) Solves a Situational Problem  Competency 2: (70%) Mathematical Reasoning	<ul style="list-style-type: none"> <li>• homework/class work</li> <li>• quizzes</li> <li>• unit tests</li> </ul>
<b>Communication to Students and Parents (e.g., note home, website, agenda, report cards)</b> <ul style="list-style-type: none"> <li>• notes home</li> <li>• website</li> <li>• report cards</li> <li>• phone calls (when necessary)</li> </ul>	<b>Other Pertinent Information (e.g., topics to be covered)</b>  <u>From Numbering to Statistical Graphs:</u> Numeration system, reading and writing numbers, numerical order, addition, subtraction, multiplication and division, mental computation strategies, types of quotients, estimating and rounding, census, population and variables, range, tables, bar and broken-line graphs.  <u>From Exponentiation to Sequences of Operations:</u> Exponential notation, properties of divisibility, prime and composite numbers, factorization, common divisors and multiples, order of operations, sequences of operations, average (arithmetic mean).  <u>From Integers to the Cartesian Plane:</u> Integers and order, Cartesian plane, addition and subtraction of integers, multiplication and division of integers, exponentiations.  <u>Fractions:</u> Fraction, percentage, mixed numbers, equivalent fractions, comparing, common denominators, addition and subtraction of fractions, multiplication and division of fractions, integer fractions and fraction exponents.  <u>Decimal Numbers:</u> Decimal notation, place value, percentage of a number, powers of 10, addition and subtraction of decimals, multiplication and subtraction of decimals.

<b>Term 2 (60%)</b>	
<b>Competencies Targeted</b>	<b>Evaluation Methods (e.g., End-of-term Evaluation Situation, Tests, Projects)</b>
<p>Competency 1: (30%) Solves a Situational Problem</p> <p>Competency 2: (70%) Mathematical Reasoning</p>	<ul style="list-style-type: none"> <li>● homework/classwork</li> <li>● quizzes</li> <li>● unit tests/project</li> <li>● situational practice problems</li> <li>● final exam</li> </ul>
<p><b>Communication to Students and Parents (e.g., note home, website, agenda, report cards)</b></p> <ul style="list-style-type: none"> <li>● notes home</li> <li>● website</li> <li>● report cards</li> <li>● phone calls (when necessary)</li> </ul>	<p><b>Other Pertinent Information (e.g., topics to be covered)</b></p> <p><u>Angles &amp; Shapes:</u> Angles, Parallel lines, Perpendicular lines Perpendicular Bisector and bisector, Complementary and supplementary angles &amp; Angles formed by a transversal line.</p> <p><u>Statistics:</u> Tables, bar graphs and broken line graphs, range &amp; Average.</p> <p><u>Triangles &amp; Quadrilaterals:</u> Polygons, Classification of triangles, Median &amp; Altitude, Sum of angles in a triangle, Quadrilateral and sum of angles in a quadrilateral, properties of convex quadrilaterals, perimeter, International system of units, Area of triangle, rectangle, square and parallelogram, Area of a rhombus and Trapezoid, Relationships between SI units and area.</p> <p><u>Introduction to Algebra</u></p>
	<b>End of Year Evaluation (e.g., complementary exam, uniform exam, etc.)</b>
	<p>Two (2) End of Year Exams:</p> <p>Competency 1 Exam - Solving a Situational Problem –In class, near the end of May</p> <p>Competency 2 Exam –Reasoning - School created exam during the June exam period - Consists of Multiple-choice questions, short answer questions and multi-step questions.</p>

## **Additional Information / Specifications (e.g., materials required):**

### **Materials Needed for Class:**

- Pencils – several sharpened and ready for use
- Eraser
- Ruler (can be same as geometry set, many students prefer longer ruler (30 cm))
- Pencil Sharpener
- Binder (1 or 1.5 inch)
- Notebooks (minimum 2)
- Lined Paper
- Graph Paper (0.5 cm or 5 mm)
- Geometry Set – including ruler, compass and protractor
- Access to website: **www.Math-Help-Services.com**. Username and password will be provided by teacher.

*This course has an accompanying Google Classroom that students can access using their EMSB account (username and password) at [classroom.google.com](https://classroom.google.com) and a MHS account.*

- *Students will be able to access course materials and submit work into the Google Classroom platform and/or MHS for evaluation.*
- *Each student has the responsibility to access the coursework online in the Google Classroom and/or MHS and submit any assignments, particularly in the event of another school or classroom closure. Teachers will be available to accompany students in their learning.*