

# Westmount High School

## STANDARDS & PROCEDURES WORKSHEET

<b>Department or Subject:</b>	<b>Mathematics 126</b>
<b>Teacher(s):</b>	<b>D. Meades, D. Chan, M. Turcotte</b>
<b>School Year:</b>	<b>2016-2017</b>

<b>Term 1 (20%)</b>	
<b>Competencies Targeted</b>	<b>Evaluation Methods (e.g., End-of-term Evaluation Situation, Tests, Projects)</b>
Competency 2: Mathematical Reasoning	<ul style="list-style-type: none"> <li>• homework/class work</li> <li>• quizzes</li> <li>• unit tests (2)</li> </ul>
<b>Communication to Students and Parents (e.g., note home, website, agenda, report cards)</b>	<b>Other Pertinent Information (e.g., topics to be covered)</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>	<p><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.</p> <p><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).</p>

<b>Term 2 (20%)</b>	
<b>Competencies Targeted</b>	<b>Evaluation Methods (e.g., End-of-term Evaluation Situation, Tests, Projects)</b>
Competency 1: Solves a Situational Problem  Competency 2: Mathematical Reasoning	<ul style="list-style-type: none"> <li>• homework/class work</li> <li>• quizzes</li> <li>• unit tests/project</li> <li>• situational practice problems</li> <li>• mid-year examination</li> </ul>
<b>Communication to Students and Parents (e.g., note home, website, agenda, report cards)</b>	<b>Other Pertinent Information (e.g., topics to be covered)</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>	<p style="text-align: center;">-</p> <p><u>From Integers to the Cartesian Plane:</u>            Integers and order, Cartesian plane, addition and subtraction of integers, multiplication and division of integers, exponentiations.</p> <p><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.</p> <p><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.</p>

<b>Term 3 (60%)</b>	
<b>Competencies Targeted</b>	<b>Evaluation Methods (e.g., End-of-term Evaluation Situation, Tests, Projects)</b>
Competency 1: Solves a Situational Problem  Competency 2: Mathematical Reasoning	<ul style="list-style-type: none"> <li>• homework/class work</li> <li>• quizzes</li> <li>• unit tests/project</li> <li>• situational practice problems</li> <li>• final exam</li> </ul>
<b>Communication to Students and Parents (e.g., note home, website, agenda, report cards)</b>	<b>End of Year Evaluation (e.g., complementary exam, uniform exam, etc.)</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>	Two (2) End of Year Exams:  Competency 1 Exam – Solving a Situational Problem -In class, near the end of May  Competency 2 Exam -Reasoning – School created exam during the June exam period – Consists of Multiple choice questions, short answer questions and multi-step questions.

**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.

