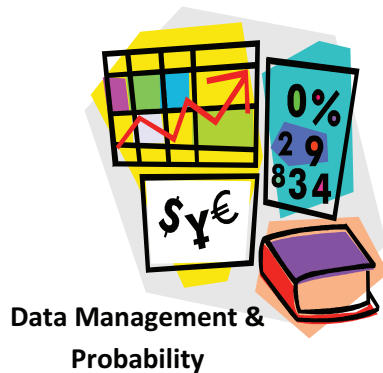


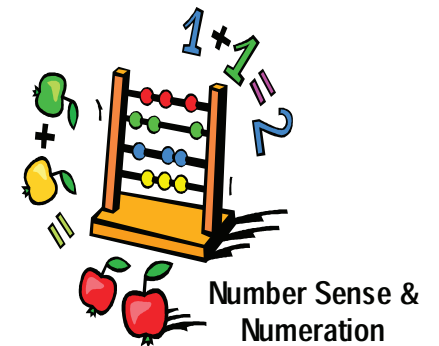
Patterning & Algebra

# Mathematics Delivery Plan

(term-by-term organizer)



Grade 7



Grade 7

**Mathematics Delivery Plan**

		Term 1	Term 2
<b>Number Sense and Numeration</b>		<p style="text-align: center;"><b>Quantity Relationships</b></p> <ul style="list-style-type: none"> <li><input type="checkbox"/> whole numbers and decimal numbers</li> <li><input type="checkbox"/> perfect squares and square root</li> <li><input type="checkbox"/> integers</li> </ul> <p style="text-align: center;"><b>Operational Sense</b></p> <ul style="list-style-type: none"> <li><input type="checkbox"/> addition and subtraction                             <ul style="list-style-type: none"> <li>· whole numbers</li> <li>· decimal numbers</li> <li>· order of operations</li> <li>· integers</li> </ul> </li> <li><input type="checkbox"/> multiplication and division                             <ul style="list-style-type: none"> <li>· whole numbers</li> <li>· decimal numbers to thousandths by one-digit whole numbers</li> <li>· order of operations</li> </ul> </li> </ul>	<p style="text-align: center;"><b>Quantity Relationships</b></p> <ul style="list-style-type: none"> <li><input type="checkbox"/> fractions</li> <li><input type="checkbox"/> most appropriate number representation</li> </ul> <p style="text-align: center;"><b>Operational Sense</b></p> <ul style="list-style-type: none"> <li><input type="checkbox"/> addition and subtraction                             <ul style="list-style-type: none"> <li>· fractions with like and unlike denominators</li> </ul> </li> <li><input type="checkbox"/> multiplication and repeated addition                             <ul style="list-style-type: none"> <li>· fractions</li> </ul> </li> </ul> <p style="text-align: center;"><b>Proportional Relationships</b></p> <ul style="list-style-type: none"> <li><input type="checkbox"/> percent, ratio and unit rate                             <ul style="list-style-type: none"> <li>· whole numbers, fractions and decimals</li> </ul> </li> </ul>
	<b>Measurement</b>		<p style="text-align: center;"><b>Attributes, Units, and Measurement Sense</b></p> <ul style="list-style-type: none"> <li><input type="checkbox"/> area                             <ul style="list-style-type: none"> <li>· real-life applications</li> </ul> </li> </ul> <p style="text-align: center;"><b>Measurement Relationships</b></p> <ul style="list-style-type: none"> <li><input type="checkbox"/> metric conversions                             <ul style="list-style-type: none"> <li>· mm and cm, g and kg, ml and L</li> <li>· area</li> </ul> </li> <li><input type="checkbox"/> area                             <ul style="list-style-type: none"> <li>· composite 2-D shapes</li> <li>· formula of a trapezoid</li> </ul> </li> </ul>

**Mathematics Delivery Plan**

		Term 1	Term 2
<b>Geometry and Spatial Sense</b>			<p style="text-align: center;"><b>Geometric Properties</b></p> <ul style="list-style-type: none"> <li><input type="checkbox"/> construct related lines</li> <li><input type="checkbox"/> triangles and quadrilaterals                             <ul style="list-style-type: none"> <li>· sort and classify by symmetry, angles, and sides</li> </ul> </li> <li><input type="checkbox"/> construct bisectors                             <ul style="list-style-type: none"> <li>· angle and perpendicular</li> </ul> </li> <li><input type="checkbox"/> prisms                             <ul style="list-style-type: none"> <li>· angles between faces</li> <li>· right prisms</li> </ul> </li> </ul> <p style="text-align: center;"><b>Geometric Relationships</b></p> <ul style="list-style-type: none"> <li><input type="checkbox"/> unique triangles                             <ul style="list-style-type: none"> <li>· minimum side and angle information</li> </ul> </li> <li><input type="checkbox"/> relationships                             <ul style="list-style-type: none"> <li>· area, perimeter, side lengths, angles</li> </ul> </li> <li><input type="checkbox"/> similarity and congruence</li> </ul> <p style="text-align: center;"><b>Location and Movement</b></p> <ul style="list-style-type: none"> <li><input type="checkbox"/> Cartesian coordinate plane</li> <li><input type="checkbox"/> dilatations</li> <li><input type="checkbox"/> transformations</li> </ul>

Grade 7

**Mathematics Delivery Plan**

<b>Mathematics Delivery Plan</b>			
	<b>Term 1</b>		<b>Term 2</b>
<b>Patterning and Algebra</b>	<p style="text-align: center;"><b>Patterns and Relationships</b></p> <ul style="list-style-type: none"> <li><input type="checkbox"/> linear growing patterns                             <ul style="list-style-type: none"> <li>· whole numbers</li> <li>· concrete materials, graphs, algebraic expressions</li> </ul> </li> </ul> <p style="text-align: center;"><b>Variables, Expressions and Equations</b></p> <ul style="list-style-type: none"> <li><input type="checkbox"/> linear relationships                             <ul style="list-style-type: none"> <li>· model graphically and algebraically</li> </ul> </li> <li><input type="checkbox"/> algebraic equations</li> </ul>		
	<p style="text-align: center;"><b>Collection and Organization of Data</b></p> <ul style="list-style-type: none"> <li><input type="checkbox"/> categorical, discrete and continuous data</li> <li><input type="checkbox"/> charts and graphs including relative frequency tables and circle graphs</li> </ul> <p style="text-align: center;"><b>Data Relationships</b></p> <ul style="list-style-type: none"> <li><input type="checkbox"/> trends and relationships</li> <li><input type="checkbox"/> convincing arguments</li> </ul>		
<b>Data Management and Probability</b>			<p style="text-align: center;"><b>Probability</b></p> <ul style="list-style-type: none"> <li><input type="checkbox"/> experimental vs theoretical probability                             <ul style="list-style-type: none"> <li>· two independent events</li> </ul> </li> </ul>