

## Curriculum Map 2023-2024

Teacher: Ms. Faulkner

Subject: 7th Grade Math

MONTH	UNIT	Lessons or skills covered
August	MOD 1	<b>Lessons:</b> 2, 3, 4, 5, 6 <b>Skills:</b> <i>Ratios &amp; Proportional Relationships.</i> <ul style="list-style-type: none"><li>- Computing unit rates with fractions &amp; whole numbers.</li><li>- Recognize and represent proportional relationships between quantities.</li></ul>
September	MOD 1	<b>Lessons:</b> 7, 8, 9, 10, 11, 12, 13, <b>Skills:</b> <i>Ratios &amp; Proportional Relationships.</i> <ul style="list-style-type: none"><li>- Recognize and represent proportional relationships between quantities.</li><li>- Interpret the meaning of (x, y) on the graph</li></ul>
October	MOD 1	<b>Lessons:</b> 14, 15, 16, 17, 18, 19, 20 <b>Skills:</b> <i>Ratios &amp; Proportional Relationships.</i> <ul style="list-style-type: none"><li>- Recognize and represent proportional relationships between quantities.</li></ul>
November	MOD 2	<b>Lessons:</b> 1, 2, 3, 4, 5, 6, 7, 8, 9 <b>Skills:</b> <i>Rational Numbers.</i> <ul style="list-style-type: none"><li>- Understanding of operations (+, -, x, and division).</li><li>- Solving real word problems.</li><li>- Using properties to generate equivalent expressions.</li></ul>
December	MOD 2	<b>Lessons:</b> 9, 10, 11, 12, 13, 14, 15, 16, 17 <b>Skills:</b> <i>Rational Numbers.</i> <ul style="list-style-type: none"><li>- Understanding of operations (+, -, x, and division).</li><li>- Solving real word problems.</li><li>- Using properties to generate equivalent expressions.</li></ul>
January	MOD 2	<b>Lessons:</b> 18, 19, 20, 21, 22, 23, 24, 25, 26 <b>Skills:</b> <i>Rational Numbers.</i>

	<b>MOD 3</b>	<ul style="list-style-type: none"> <li>- Understanding of operations (+, -, x, and division).</li> <li>- Solving real word problems.</li> <li>- Using properties to generate equivalent expressions.</li> </ul> <p><b>Lessons:</b> 1, 2 3, 4, 5, 6, 7  <b>Skills:</b> <i>Expressions &amp; Equations.</i></p> <ul style="list-style-type: none"> <li>- Understanding expressions and applying properties.</li> <li>- Geometry.</li> <li>- Solving expressions.</li> <li>- Circle Formulas.</li> </ul>
<b>February</b>	<b>MOD 3</b>	<p><b>Lessons:</b> 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23  <b>Skills:</b> <i>Expressions &amp; Equations.</i></p> <ul style="list-style-type: none"> <li>- Circle Formulas. Solve real world problems with area, perimeter, volume of 2, and 3 dimensional objects.</li> <li>- Represent proportional relationships using equations.</li> <li>- Solving ratio and percent problems using proportional relationships.</li> </ul>
<b>March</b>	<b>MOD 4</b>	<p><b>Lessons:</b> 1-26  <b>Skills:</b> <i>Geometry.</i></p> <ul style="list-style-type: none"> <li>- Identify various angles and solve real life and mathematical problems involving angle measure, area, surface area, and volume.</li> <li>- Math decisions with precision, using tools strategically and reasoning.</li> </ul>
<b>April</b>	<b>MOD 6</b>	<p><b>Lessons:</b> 1-24  <b>Skills:</b> <i>Percent &amp; Proportional Relationships.</i></p> <ul style="list-style-type: none"> <li>- Making math decisions with precision, using tools strategically, and reasoning abstractly and quantitatively. (MP.1, MP.2, MP.5, MP.6, MP.7)</li> <li>- Proportional relationships and percents. (7.RP.A.1, 7.RP.A.2.c, 7.RP.A.3)</li> </ul>

<b>May</b>	<b>MOD 5</b>	<b>Lessons:</b> 1-19 <b>Skills:</b> <i>Statistics &amp; Probability.</i> <ul style="list-style-type: none"><li>- Sampling populations and drawing inferences.</li><li>- Drawing informal comparisons about populations.</li><li>- Investigating chance processes and using and evaluating probability models.</li><li>- Making math decisions with precision, using tools strategically, and reasoning abstractly and quantitatively.</li></ul>
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