

# MATH AGENDA October 10 - 14th

DATE	IN CLASS WORK	HOMEWORK
<b>Monday</b> October 10th	<p><b>FOCUS QUESTION</b>  <b>What is an exterior angle of a polygon, and what do you know about the measures of exterior angles.</b></p> <ul style="list-style-type: none"> <li>• Students will watch a launch video on how to find the exterior angles of a polygon.</li> <li>• Students will answer question 2.4 A on page 50.</li> </ul>	<p><b>HW:</b> Page 55 problems 14 and 15</p> <p><b>Challenge Questions</b> <i>(Optional)</i>            Page 57 problem 21 and 25</p>
<b>Tuesday</b> October 11th	<p><b>FOCUS QUESTION</b>  <b>What is the angle sum of any polygon with “n” sides? How do you know that your formula is correct?</b></p> <ul style="list-style-type: none"> <li>• Students will review the equation they developed to find the sum of the angles in any polygon.</li> </ul>	<p><b>HW:</b> Reflection Sheet 2 (Shapes and Designs)</p>
<b>Wednesday</b> October 12th	<p><b>Check Up Partner Quiz</b>            Students will work together to answer questions to check their understanding for investigation 2.</p>	<p><b>HW:</b> None</p>
<b>Thursday</b> October 13th	<p><b>FOCUS QUESTION</b>  <b>What combinations of three side lengths can be used to make a triangle? How many different shapes are possible for such a combination of side lengths?</b></p> <ul style="list-style-type: none"> <li>• Students will use polystrips connected with brads to create triangles of varying lengths.</li> <li>• Students will fill out Lab Sheet 3.1 to find a pattern of when three side lengths will make a triangle.</li> </ul>	<p><b>HW:</b> Page 76 problems 1-5</p> <p><b>Challenge Questions</b> <i>(Optional)</i>            Page 80 problem 28</p>
<b>Friday</b> October 14th	<p><b>Games:</b> Students will play computer games to help review the lessons taught this week while I meet with students to help work on their weaknesses.</p>	<p><b>HW:</b> None</p>