

## Unit 0 Daily Agenda Geometry C&C

<p><b>Unit 0</b> Prerequisites for Algebra 1 curriculum</p>	<p><b>Course Name: Algebra I Modeling Unit Functions</b></p>	
<p><b>Day 1</b></p>	<p>Day One - High Engagement Icebreaker Activity - Standards Aligned.</p>	
<p><b>Day 2</b></p>	<p>Topic: The Real Number System</p> <p>LT:</p> <ul style="list-style-type: none"> <li>● I can determine if a number is rational or irrational.</li> </ul> <p>SC:</p> <ul style="list-style-type: none"> <li>● I will be able to classify a number as natural, whole, integer, rational, irrational.</li> <li>● I will understand the subsets natural, whole, integer are also considered to be in the rational subset.</li> <li>● I will understand rational numbers can never be irrational numbers.</li> <li>● I will understand irrational numbers can never be rational numbers.</li> </ul>	<p>Resources used for this unit will be:</p> <p>Desmos, IXL, Delta Math, Inspire, other teacher created resources.</p> <p>These may include graphic organizers, concept maps,</p>
<p><b>Day 3</b></p>	<p>Topic: PEMDAS</p> <p>LT</p> <ul style="list-style-type: none"> <li>● I can use the correct order of operation when simplifying</li> </ul>	

	<p>mathematical expressions.</p> <p>SC:</p> <ul style="list-style-type: none"> <li>● I will be able to calculate the least or greatest number using integers and order of operations.</li> <li>● I will be able to evaluate an expression using the correct order of operation of PEMDAS ( parenthesis, exponents, multiplication, division, addition, subtraction).</li> </ul>	
<p><b>Day 4</b></p>	<p>Topic: Corresponding Parts</p> <p>LT</p> <ul style="list-style-type: none"> <li>● I can identify corresponding parts of congruent figures.</li> </ul> <p>SC:</p> <ul style="list-style-type: none"> <li>● I will be able to write a corresponding parts statement.</li> <li>● I will be able understand and explain the concept of correspondence of sides and angles of polygons.</li> </ul>	
<p><b>Day 5</b></p>	<p>Topic: Add, Subtract, Multiply Integers</p> <p>LT:</p> <ul style="list-style-type: none"> <li>● I can use the rules of integer addition and subtraction to solve problems.</li> <li>● I can use the rules of integer multiplication to solve problems.</li> </ul> <p>SC:</p> <ul style="list-style-type: none"> <li>● I know a positive + positive results in a positive integer.</li> <li>● I know a negative + negative results in a negative integer.</li> </ul>	

	<ul style="list-style-type: none"><li>● I know a positive + negative, use the sign of the larger absolute value number.</li><li>● I know subtracting integers is also adding the opposite sign.</li><li>● I know multiplying same sign integers will result in a positive integer.</li><li>● I know multiplying opposite sign integers will result in a negative integer.</li></ul>	
<b>Day 6</b>	<p>Topic: Simplifying Radicals</p> <p>LT:</p> <ul style="list-style-type: none"><li>● I can simplify square roots.</li></ul> <p>SC:</p> <ul style="list-style-type: none"><li>● I can do the prime factorization of integers.</li><li>● I can find matching pairs of factors</li><li>● I can take the number (of the pair) outside the radical and leave the leftover factor</li><li>● I can memorize perfect squares.</li><li>● I can simplify non-perfect square radicals.</li></ul>	
<b>Day 7</b>	<p>Topic: Simplifying Radicals</p> <p>LT:</p> <ul style="list-style-type: none"><li>● I can simplify square roots.</li></ul> <p>SC:</p> <ul style="list-style-type: none"><li>● I can do the prime factorization of integers.</li><li>● I can find matching pairs of factors</li><li>● I can take the number (of the pair) outside the radical and leave the leftover factor</li><li>● I can memorize perfect squares.</li><li>● I can simplify non-perfect square radicals.</li></ul>	

<b>Day 8</b>	Quiz	
<b>Day 9</b>	Topic: Solving 1-2 Step Equations  LT <ul style="list-style-type: none"><li>• I can solve 1 and 2 step equations.</li></ul> SC <ul style="list-style-type: none"><li>• I understand the inverse operations of addition, subtraction, multiplication, division.</li></ul>	
<b>Day 10</b>	Topic: Solving Equations using distribution.  LT <ul style="list-style-type: none"><li>• I can solve equations.</li></ul> SC <ul style="list-style-type: none"><li>• I know and understand how to use the distributive property.</li></ul>	
<b>Day 11</b>	Topic: Solving Equations variable on both sides.  LT <ul style="list-style-type: none"><li>• I can solve equations.</li></ul> SC <ul style="list-style-type: none"><li>• I will be able to solve equations with variables on both sides.</li></ul>	
<b>Day 12</b>	Topic: Mixed Practice	

	<p>LT</p> <ul style="list-style-type: none"><li>● I can solve equations.</li></ul> <p>SC</p> <ul style="list-style-type: none"><li>● I understand the inverse operations of addition, subtraction, multiplication, division.</li><li>● I know and understand how to use the distributive property.</li><li>● I will be able to solve equations with variables on both sides.</li></ul>	
<b>Day 13</b>	<b>Unit 0 Test</b>	