Unit 0 Daily Agenda Geometry C&C

Unit 0 Prerequisites for Algebra 1 curriculum	Course Name: Algebra I Modeling Unit Functions	
Day 1	Day One - High Engagement Icebreaker Activity - Standards Aligned.	
Day 2	Topic: The Real Number System LT: ● I can determine if a number is rational or irrational. SC: ● I will be able to classify a number as natural, whole, integer, rational, irrational. ● I will understand the subsets natural, whole, integer are also considered to be in the rational subset. ● I will understand rational numbers can never be irrational numbers. ● I will understand irrational numbers can never be rational numbers.	Resources used for this unit will be: Desmos, IXL, Delta Math, Inspire, other teacher created resources. These may include graphic organizers, concept maps,
Day 3	Topic: PEMDAS LT ● I can use the correct order of operation when simplifying	

	mathematical expressions. SC: - I will be able to calculate the least or greatest number using integers and order of operations. - I will be able to evaluate an expression using the correct order of operation of PEMDAS (parenthesis, exponents, multiplication, division, addition, subtraction).	
Day 4	Topic: Corresponding Parts LT - I can identify corresponding parts of congruent figures. SC: - I will be able to write a corresponding parts statement. - I will be able understand and explain the concept of correspondence of sides and angles of polygons.	
Day 5	Topic: Add, Subtract, Multiply Integers LT: - I can use the rules of integer addition and subtraction to solve problems. - I can use the rules of integer multiplication to solve problems. SC: - I know a positive + positive results in a positive integer. - I know a negative + negative results in a negative integer.	

	- I know a positive + negative, use the sign of the larger absolute value number. - I know subtracting integers is also adding the opposite sign. - I know multiplying same sign integers will result in a positive integer. - I know multiplying opposite sign integers will result in a negative integer.	
Day 6	Topic: Simplifying Radicals LT: - I can simplify square roots. SC: - I can do the prime factorization of integers. - I can find matching pairs of factors - I can take the number (of the pair) outside the radical and leave the leftover factor - I can memorize perfect squares. - I can simplify non-perfect square radicals.	
Day 7	Topic: Simplifying Radicals LT: - I can simplify square roots. SC: - I can do the prime factorization of integers. - I can find matching pairs of factors - I can take the number (of the pair) outside the radical and leave the leftover factor - I can memorize perfect squares. - I can simplify non-perfect square radicals.	

Day 8	Quiz	
Day 9	**Topic: Solving 1-2 Step Equations** LT - I can solve 1 and 2 step equations. SC - I understand the inverse operations of addition, subtraction, multiplication, division.	
Day 10	**Topic: Solving Equations using distribution.** LT - I can solve equations. SC - I know and understand how to use the distributive property.	
Day 11	**Topic: Solving Equations variable on both sides.** LT - I can solve equations. SC - I will be able to solve equations with variables on both sides.	
Day 12	**Topic: Mixed Practice**	

	LT	
	• I can solve equations.	
	SC	
	• I understand the inverse operations of addition, subtraction, multiplication, division. • I know and understand how to use the distributive property. • I will be able to solve equations with variables on both sides.	
Day 13	**Unit 0 Test**	