Unit 0 Daily Agenda Algebra C&C

Unit 0 Prerequisites for Algebra 1 curriculum	Course Name: Algebra I Modeling Unit Functions	Considerations or scaffolds for Support	Considerations, additional learning for Honors
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.		
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	Map Test Resource: Have students explore Desmos when they finish the Map Test.		
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: Adding and Subtracting Radicals		

	LT: • I can add and subtract radical expressions. SC: • I can simplify radicals • I know that you can only add and subtract radicals that have like radicands. • I know that when you add radicals you only change the coefficient of the radicals. Never inside!! • I can add and subtract radicals with like radicands. • I can add and subtract radicals with unlike radicands.		
Day 10	Topic: Adding and Subtracting Radicals LT: • I can add and subtract radical expressions. SC: • I can simplify radicals • I know that you can only add and subtract radicals that have like radicands. • I know that when you add radicals you only change the coefficient of the radicals. Never inside!! • I can add and subtract radicals with like radicands. • I can add and subtract radicals with unlike radicands.		
Day 11	Topic: Multiplying Radicals LT: • I can multiply radical expressions.		

	SC: ● I can simplify radical expressions. ● I know that when multiplying radicals you multiply the coefficients together and you multiply together what is under the radical. ● I can multiply and simplify radical expressions.		
Day 12	Review for Test		
Day 13	**Unit 0 Test**		