Unit 5: Expressions & Equations Learning Plan		
	Learning Target 1: I can plot coordinate pairs on a coordinate plane. 5.G.1, 6.NS.8	
Unit Synopsis: In this unit students will begin with extending graphing skills that were taught at the end of 5th grade. Students will then dive into algebra. They will learn that a variable is used when a number is unknown. The order of operations will be reviewed so that students can evaluate expressions. Students will learn to solve for the value of a variable in an equation and an inequality using inverse operations. Students will learn how to graph the solution to an inequality on a number line. Finally, students will also be expected to be able to create expressions and equations that include a variable from a given situation.	Period 1	I can identify parts of a graph. (axes, quadrants, intervals)
	Period 1	I can write and plot coordinate pairs.
	Period 2	I can calculate the distance between points on the coordinate plane.
	Learning Target 2: I can determine a pattern from a table or graph. 5.G.2	
	Period 3	I can analyze a data table and identify the pattern through the unit rate.
	Period 4	I can analyze a graph and identify the pattern through the unit rate.
	Period 5	I can determine a pattern from a table or graph.
	Period 6	
	Learning Target 3: I can identify the dependent and independent variable and describe how they are related. 5.G.2, 6.EE.9	
	Period 7	I can identify the dependent and independent variables.
	Period 8	I can describe how the dependent and independent variables are related.
	Period 9	**Mastery Quiz 1**
	Learning Target 4: I can evaluate a numerical or algebraic expression. 6.EE.1, 6.EE.2b, 6.EE.2c	
	Period 10	I can identify and evaluate a numerical expression following the order of operations.
	Period 11	I can identify the parts of an algebraic expression. (coefficient, variable, constant, term)
	Period 11	I can use substitution to evaluate an algebraic expression given a value for the variable.
	Period 12	I can evaluate numerical or algebraic expressions.
	Learning Target 5: I can write a numerical or algebraic expression to represent a given situation. 5.OA.3, 6.EE.2a, 6.EE.6	

	Period 13	I can relate algebraic expressions to real world situations.
	Period 14	I can create an algebraic expression from a real world situation.
	Period 15	I can create and/or evaluate algebraic expressions created from real world situations.
	Learning Target 6: I can generate equivalent expressions. 6.EE.3, 6.EE.4, 6.NS.4	
	Period 16	I can explain the mathematical properties: commutative, associative, distributive, identity and inverse.
	Period 16	I can use the properties to prove that two expressions are equivalent.
	Period 17	I can identify and combine like terms.
	Period 18	I can generate equivalent expressions.
	Period 19	
	Period 20	**Mastery Quiz 2**
	Learning Target 7: I can solve a 1-step or 2-step algebraic equation. 6.EE.5	
	Period 21	I can identify algebraic equations and inverse operations.
	Period 22	I can apply inverse operations to solve for a variable in a 1 or 2 step algebraic equation.
	Period 23	
	Learning Target 8: I can create and solve a 1-step or 2-step algebraic equation from a real world situation. 6.EE.5, 6.EE.7	
	Period 24	I can write an algebraic equation from a given real world situation.
	Period 25	I can create an algebraic equation using the area formulas for a rectangle or triangle to calculate a missing dimension of a polygon.
	Period 26	I can create and solve an algebraic equation from a given real world situation (given as a word problem, table or graph).
	Period 27	
	Learning Target 9: **I can solve and graph a 1-step or 2-step algebraic inequality. 6.EE.8**	

	Period 28	I can graph a given inequality.
	Period 29	I can solve and graph an inequality.
	Period 30	I can create and solve an algebraic inequality from a given word problem.
	Period 31	
	Period 32	**Unit 5 Mastery Quiz 3**
	Period 33	Miscellaneous: *Teacher created quizzes* *Spiral* *Review* *Completing activities*
	Period 34	
	Period 35	
	Period 36	
	Period 37	
	Period 38	
	Period 39	**Unit 5 Post Test**
	Period 40	
	Period 41	**Unit 5 Performance Task**