Quarter	Essential Skills	Strategies and Activities	CC Standards	Assessments
1	Students will be able to understand, manipulate, and create mathematical expressions, equations, and functions.	1a. Students will write verbal expressions for algebraic expressions and write algebraic expressions for verbal expressions.	A.SSE.1a A.SSE.2	Daily Assignments
		1b. Students will evaluate numerical and algebraic expressions by using the order of operations.	A.SSE.1b A.SSE.2	
		1c. Students will recognize the properties of equality and identity, along with the Commutative and Associative Properties.	A.SSE.1b A.SSE.2	
		1d. Students will use the Distributive Property to evaluate and simplify expressions.	A.SSE.1a A.SSE.2	Mid-Chapter Quiz
		1e. Students will solve equations with one or two variables.	A.CED.1 A.REI.3	
		1f. Students will be able to represent relations and interpret graphs of relations.	A.REI.10 F.IF.1	
		1g. Students will determine whether a relation is a function and find function values.	F.IF.1 F.IF.2	
		1h. Students will interpret intercepts, and symmetry of graphs of functions. Students will interpret positive, negative,	F.IF.4	
		increasing and decreasing behavior of graphs of functions.		Chapter 1 Test

Quarter	Essential Skills	Strategies and Activities	CC Standards	Assessments
1	Students will be able to understand, manipulate, and create linear equations.	2a. Students will translate sentences into equations and equations into sentences.	A.CED.1	Daily Assignments
	equations.	2b. Students will solve equations by using addition, subtraction, multiplication, and division.	A.REI.3	
		2c. Students will solve equations involving multiple operations and consecutive integers.	A.REI.1 A.REI.3	
		2d. Students will solve equations with the variable on each side and equations with grouping symbols.	A.REI.1 A.REI.3	
		2e. Students will evaluate absolute value expressions and solve absolute value equations.	A.REI.1 A.REI.3	Mid-Chapter Quiz
		2f. Students will compare ratios and solve proportions.	A.REI.1 A.REI.3	
		2g. Students will find the percent of change and solve problems involving percent of change.	N.Q.1 A.REI.3	
		2h. Students will solve equations for given variables and use formulas to solve realworld problems.	A.CED.4 A.REI.3	
				Chapter 2 Test

Quarter	Essential Skills	Strategies and Activities	CC Standards	Assessments
1	Students will be able to understand, manipulate, and create linear functions.	3a. Students will identify and graph linear equations, intercepts, and zeros.	F.IF.4 F.IF.7a	Daily Assignments
	Tunctions.	3b. Students will solve linear equations by graphing and estimate solutions to an equation by graphing.	A.REI.10 F.IF.7a	
		3c. Students will use rate of change to solve problems and find the slope of a line.	F.IF.6 F.LE.1a	Mid-Chapter Quiz
		3d. Students will write, graph, and solve direct variation equations and problems.	A.REI.10 F.IF.7a	
		3e. Students will recognize arithmetic sequences and relate them to linear functions.	F.BF.2 F.LE.2	
		3f. Students will write an equation for a proportional and a nonproportional relationship.	F.LE.1b F.LE.2	Chapter 3 Test

Quarter	Essential Skills	Strategies and Activities	CC Standards	Assessments
2	4. Students will be able to understand, manipulate, and create equations of linear functions.	4a. Students will write and graph linear equations in slope-intercept form and model real-world data with equations in slope-intercept form.	F.BF.3 S.ID.7	Daily Assignments
		4b. Students will write an equation of a line in slope-intercept form given the slope and one point and given two points.	F.BF.1 F.LE.2	
		4c. Students will write equations of lines in point-slope form and in different forms	F.IF.2 F.LE.2	Mid-Chapter Quiz
		4d. Students will write an equation of a line that passes through a given point, parallel or perpendicular to a given line.	F.LE.2 S.ID.7	
		4e. Students will investigate relationships between quantities by using points on scatter plots and use lines of fit to make and evaluate predictions.	F.LE.2 S.ID.6a S.ID.6c	Chapter 4 Test
	5. Students will be able to understand, manipulate, and create linear inequalities.	5a. Students will solve linear inequalities by using addition and subtraction.	A.CED.1 A.REI.3	Daily Assignments
	mequanties.	5b. Students will solve linear inequalities by using multiplication and division.	A.CED.1 A.REI.3	
		5c. Students will solve linear inequalities involving multiple steps and the distributive property.	A.CED.1 A.REI.3	Mid-Chapter Quiz
		5d. Students will solve compound inequalities containing the word <i>and</i> and <i>or</i> and graph their solution set.	A.CED.1 A.REI.3	

Quarter	Essential Skills	Strategies and Activities	CC Standards	Assessments
2		5e. Students will solve and graph absolute value inequalities involving < and >.	A.CED.1 A.REI.3	Daily Assignments
		5f. Students will graph linear inequalities on the coordinate plane and solve inequalities by graphing.	A.CED.3 A.REI.12	Chapter 5 Test
	Students will be able to understand, manipulate, and create systems of	6a. Students will determine the number of solutions a system of linear equations has	A.CED.2 A.REI.6	Daily Assignments
	linear equations and inequalities.	and solve it by graphing. 6b. Students will solve systems of equations by using substitution and solve real-world problems involving systems of equations.	A.REI.6	
		6c. Students will solve systems of equations using elimination with addition, subtraction, and multiplication, and solve real-world problems involving systems of equations.	A.REI.5 A.REI.6	Mid-Chapter Quiz
		6d. Students will determine the best method for solving systems of equations and apply systems of equations.	A.REI.6	
		6e. Students will solve systems of linear inequalities by graphing and will apply systems of linear inequalities.	A.REI.12	
				Chapter 6 Test