Unit	Lesson	Lesson Objectives
Functions and Bivariate Data		
	Tables, Graphs, and Equations	
		Generate different representations of the same two-variable data.
		Recognize that tabular and graphical representations may be partial representations.
		Translate tables and graphs into equations.
	Introduction to Functions	
		Determine if a real-world situation describes a functional relationship.
		Identify functions from tables, graphs, and equations.
	Linear vs. Nonlinear Functions	
		Differentiate functions as either linear or nonlinear.
		Interpret the rate of change from a graph or table.
	Exploring Slope	
		Determine the value of the slope of a line from a table or a graph.
		Recognize the difference between positive slope, negative slope, no slope, and zero slope.
	Slope-Intercept Form	
		Analyze a graph to determine slope and *y* -intercept.
		Graph a linear function using the slope and *y* -intercept.
		Write a linear equation in slope-intercept form given the slope and *y* -intercept.
	Graphing in a Variety of Contexts	
		Construct and analyze graphs given two components of a linear function.
		Estimate *y* -intercepts on a graph.
	Writing Linear Functions	
		Compare and contrast using point-slope form and the slope-intercept form to get an equation to slope-intercept form.
		Write a linear equation in slope-intercept form given the slope and a point other than the *y* -intercept.
	Constructing Scatterplots	
		Analyze a scatterplot.
		Classify dependent and independent variables.
		Create a scatterplot using a table of values.
	Drawing Trend Lines	
		Draw a line of best fit in scatterplots and identify its purpose.
		Use a graphing calculator to graph scatterplots and draw the trend line.
	Using Equations to Represent Trend Lines	
		Create the linear equation of the trend line.
		Find and interpret the slope of a trend line.

Unit	Lesson	Lesson Objectives
Linear Equations and Systems of Linear Equations		
	Solving Equations with Rational Numbers	
		Identify the least common denominator of fractions to combine like terms and solve equations.
		Solve one-variable linear equations with rational numbers using properties of equality.
	Solving with Variables on Both Sides	
		Determine and apply the steps needed to isolate a variable in a linear equation with variables on both sides.
		Solve equations with variables on both sides and verify the solutions.
	Solving Multistep Equations with Variables on Both Sides	
		Build a process for solving multistep linear equations with variables on both sides.
		Solve multistep linear equations with variables on both sides and verify the solutions.
	Analyzing Solutions	
		Identify equations that have one solution, infinitely many solutions, and no solution.
		Solve equations that have one solution, infinitely many solutions, and no solution.
		Write equations that have infinitely many solutions and no solution.
	Exploring Systems of Linear Equations	
		Determine if a given coordinate point is a solution to a system of linear equations.
		Identify the unique solution of a system of two linear equations from a graph.
	Using Graphs to Solve Systems	
		Determine the solution of a linear system from the graph.
		Graph linear systems on the coordinate plane.
		Rewrite a system of linear equations in slope-intercept form.
	Writing and Solving Systems	
		Create systems of equations from mathematical problems.
		Solve systems of two linear equations.
	Using Substitution to Solve Systems	
		Use substitution to solve a linear system.
	Using Addition to Solve Systems	
		Use the linear combination method to solve linear systems.
	Multiplying One Equation to Solve Systems	
		Solve a system using the linear combination method after multiplying one equation.
		Write equations of a linear system in standard form from a real-world scenario.