#### **Unit 1 – One-Variable Statistics**

#### **Essential Standard:**

A1.SP.2: Interpret differences in shape, center, and spread in the context of the data sets, accounting for possible effects of extreme data points.

#### Supporting Standards:

A1.SP.1: Use box plots and histograms to determine the statistics appropriate to the shape of the data distribution; compare the center and spread of two or more data sets.

A1.SP.3: Summarize data from two categorical variables in a frequency table; interpret relative frequencies in the context of the data, recognizing data trends and associations.

Date		Lesson	Standards
//	Getting to Know You	L1: Getting to Know You	A1.SP.3
//		L2: Data Representations*	A1.SP.1, <mark>A1.SP.2</mark>
//		L3: A Gallery of Data	A1.SP.1, A1.SP.2
//	Distribution	L4: The Shape of Distributions	A1.SP.1, A1.SP.2
//	Shapes	L5: Calculating Measures of Center & Variability*	A1.SP.1, A1.SP.2
//		L10: The Effect of Extremes	A1.SP.1, A1.SP.2
//	Manipulating	L11: Comparing & Contrasting Data Distributions	A1.SP.1, A1.SP.2
//	Data	L14: Outliers	A1.SP.1, A1.SP.2
//		L15: Comparing Data Sets	A1.SP.1, A1.SP.2
//	Analyzing Data	L16: Analyzing Data	A1.SP.1, A1.SP.2
/	End-Unit Asses	sment	

#### **Unit 3 – Two Variable Statistics**

#### Essential Standard:

A1.LFE.20: Write linear functions that provide a reasonable fit to data and use them to make predictions, with and without technology; interpret the slope and y-intercept in context.

### **Supporting Standards:**

A1.LFE.21: Calculate, using technology, the correlation coefficient between two quantitative variables and interpret this quantity as a measure of the strength of the linear association. A1.LFE.22: Compare and contrast correlation and causation in real-world problems. A1.SP.3: Summarize data from two categorical variables in a frequency table; interpret

relative frequencies in the context of the data, recognizing data trends and associations.

Date		Lesson	Standards
//	Pre-Unit Asse	ssment	
//		L1: Two-way Tables	A1.SP.3
//	Two-way Tables	L2: Relative Frequency Tables	A1.SP.3
//		L3: Associations in Categorical Data	A1.SP.3
//		L4: Linear Models	A1.LFE.20
//	Scatterplots	L5: Fitting Lines	A1.LFE.20
//		L6: Residuals	A1.LFE.21
//		L7: The Correlation Coefficient	A1.LFE.21
//	Correlation Coefficients	L8: Using the Correlation Coefficient	A1.LFE.21
//		L9: Casual Relationships	A1.LFE.22
//	Estimating Lengths	L10: Fossils and Flags*	A1.SP.3, A1.LFE.20,A1.LFE.21 , A1.LFE.22
//	End-Unit Asse	essment	

## Linear Functions Unit (Added Unit)

## **Essential Standard:**

A1.LFE.10: Translate among equivalent forms of equations for linear functions, including standard,

#### **Supporting Standards:**

A1.LFE.8: Flexibly use different representations of a linear function, including graphs, tables, and equations

A1.LFE.9: Calculate and interpret the rate of change of a linear function represented in a table, graph, or as an equation in context of real-world and mathematical problems.

A1.LFE.15: Write linear equations that model the relationship between two quantities and produce a graph of the equation.

A1.LFE.16: Graph linear functions expressed as an equation and show intercepts of the graph without technology.

Date	Lesson	Standards
	Flexibly use different representations of a linear	
	function, including graphs, tables and equations	AI.LFL.0
	Calculate and Interpret rate of change of a linear	
//	function in a table, graph and equation in real world	A1.LFE.9
	context and mathematical problems.	
	Write linear equations that model the relationship	
//	between two quantities and produce a graph of the	A1.LFE.15
	equation.	
/ /	Graph linear functions expressed as an equation and	Δ1 LEE 16
//	show intercepts of the graph without technology	
	Translate among equivalent forms of equations for	
	linear functions, including standard, point-slope, and	
	slope-intercept forms and recognize that each form	AI.LFE.IU
	reveals key features in a given context.	
//	End-Unit Assessment	

#### Unit 2 – Linear Equations, Inequalities, and Systems

#### Essential Standard:

A1.LFE.11: Solve systems of linear equations by substitution, elimination, and graphing with and without a real-world context; understand that the solutions will be the same regardless of the method for solving.

### Supporting Standards:

A1.EX.4: Interpret the parts of expressions such as terms, factors, and coefficients in terms of a real-world context.

A1.LFE.1: Represent and solve real-world problems, using linear expressions, equations, and inequalities in one variable.

A1.LFE.2: Construct linear functions from arithmetic sequences with and without context.

A1.LFE.3: Solve linear formulas for a specified variable.

A1.LFE.15: Write linear equations that model the relationship between two quantities and produce a graph of the equation.

A1.LFE.16: Graph linear functions expressed as an equation and show intercepts of the graph without technology.

//	Pre-Unit Assessment		
Date		Lesson	Standards
//		L1: Planning a Pizza Party	A1.EX.4, A1.LFE.1
//	M/riting 8	L2: Writing Equations to Model Relationships (Part 1)	A1.LFE.2
//	Modeling with	L3: Writing Equations to Model Relationships (Part 2)	A1.LFE.2
//	Equations	L4: Equations & Their Solutions	A1.LFE.1, A1.LFE.2
//	-	L5: Equations & Their Graphs	A1.LFE.1, A1.LFE.2, A1.LFE.15
//		L6: Equivalent Equations	A1.LFE.3
//	Manipulating Equations & Understanding Their Structure	L7: Explaining Steps for Rewriting Equations	A1.LFE.3
//		L8: Which Variable to Solve for? (Part 1)	A1.LFE.3
//		L9: Which Variable to Solve for? (Part 2)	A1.LFE.3

		L10: Connecting Equations to Graphs (Part 1)	A1.LFE.1,A1.LFE.16
//		L11: Connecting Equations to Graphs (Part 2)	A1.LFE.1,A1.LFE.16
//		L12: Writing & Graphing Systems of Linear Equations	A1.LFE.11
//	Systems of Linear Equations in Two Variables	L13: Solving Systems by Substitution	A1.LFE.11
//		L14: Solving Systems by Elimination (Part 1)	A1.LFE.11
//		L15: Solving Systems by Elimination (Part 2)	A1.LFE.11
//		L16: Solving Systems by Elimination (Part 3)	A1.LFE.11
//		L17: Systems of Linear Equations & Their Solutions	A1.LFE.11
//	Part A Summativ	ve Assessment	

## Essential Standard:

A1.LFE.14: Solve linear inequalities and systems of linear inequalities in two variables by graphing.

## Supporting Standard:

A1.LFE.1: Represent and solve real-world problems, using linear expressions, equations, and inequalities in one variable.

A1.LFE.4: Solve linear equations, linear inequalities, and absolute value equations in one variable, including those with rational number coefficients, and variables on both sides of the equal or inequality sign; solve them fluently, explaining the process used.

Date		Lesson	Standards
//	_ Linear	L18: Representing Situations with Inequalities	A1.LFE.1
//	Inequalities in	L19: Solutions to Inequalities	A1.LFE.1, A1.LFE.4
//	One Variable	L20: Writing & Solving Inequalities in One Variable	A1.LFE.1, A1.LFE.4
//	Linear Inegualities in	L21: Graphing Linear Inequalities in Two Variables (Part 1)	A1.LFE.14
//	Two Variables	L22: Graphing Linear Inequalities in	A1.LFE.14

		Two Variables (Part 2)	
1 1		L23: Solving Problems with	
//		Inequalities in Two Variables	A1.LFE.14
1 1		L24: Solutions to Systems of Linear	
//		Inequalities in Two Variables	A1.LFL.14
	Systems of	L25: Solving Problems with	
//	Linear Inoqualitios in	Systems of Linear Inequalities in	A1.LFE.14
	Two Variables	Two Variables	
		L26: Modeling with Systems of	A1   EE 1/
//		Inequalities in Two Variables	A1.LI <sup>-</sup> L.14
//	Part B Summativ	ve Assessment	

#### Unit 4 – Functions

#### **Essential Standard:**

A1.FN.2: Use function notation to represent functions, understanding that if f is a function and x is an element of its domain, then f(x) represents the output of f corresponding to the input x.

#### **Supporting Standard:**

A1.FN.1: Explain that a function assigns each element in the domain to exactly one element in the range.

A1.FN.3: Graph functions given in function notation, understanding that the graph contains the points (x, f(x)).

A1.LFE.9: Calculate and interpret the rate of change of a linear function represented in a table, graph, or as an equation in context of real-world and mathematical problems.

Date		Lesson	Standards
//	Pre-Unit Assessm	ent	
//		L1: Describing & Graphing Situations	A1.FN.1
//		L2: Function Notation	A1.FN.1, <mark>A1.FN.2</mark>
//	Functions & Their	L3: Interpreting & Using Function Notation	A1.FN.1,A1.FN.2
//	Representations	L4: Using Function Notation to Describe Rules (Part 1)	A1.FN.1,A1.FN.2
//		L5: Using Function Notation to Describe Rules (Part 2)*	A1.FN.1,A1.FN.2
//		L6: Features of Graphs	A1.FN.3
//	Analyzing & Creating Graphs	L7: Using Graphs to Find Average Rate of Change	A1.FN.3, A1.LFE.9
//	of Functions	L8: Interpreting & Creating Graphs	A1.FN.3, A1.LFE.9
//		L9: Comparing Graphs	A1.FN.3, A1.LFE.9
//	Summative Assessment		

#### **Essential Standard:**

A1.LFE.6: Determine reasonable domain and range values of linear functions representing real-world situations, both continuous and discrete; interpret the solution as reasonable or unreasonable in context.

**Supporting Standard:** 

A1.LFE.5: Determine the domain and range of linear functions in mathematical problems. A1.LFE.7: Interpret the key features of a linear and absolute value functions that models a relationship between two quantities in a given context.

A1.FN.1: Explain that a function assigns each element in the domain to exactly one element in the range.

A1.FN.2: Use function notation to represent functions, understanding that if f is a function and x is an element of its domain, then f(x) represents the output of f corresponding to the input x.

A1.FN.3: Graph functions given in function notation, understanding that the graph contains the points (x, f(x)).

Date		Lesson	Standards
//		L10: Domain & Range (Part 1)	A1.LFE.5,A1.LFE.6
//	A Closer Look at	L11: Domain & Range (Part 2)	A1.LIFE.5,A1.LFE.6
//	Inputs & Outputs	L13: Absolute Value Functions (part 1)	A1.LFE.5, <mark>A1.LFE.6,</mark> A1.LFE.7
//		L14: Absolute Value Functions (part 2)	A1.LFE.5,A1.LFE.6, A1.LFE.7
		Added- Graph absolute value functions expressed as an equation with and without technology, showing intercepts and end behavior	A1.LFE.17
//	Putting it All Together	L18: Using Functions to Model Battery Power	A1.FN.1,A1.FN.2, A1.FN.3,A1.LFE.5,A 1.LFE.6, A1.LFE.7
//	Summative Assessment		

## Polynomials, Roots, and Exponent Laws Unit (Added Unit)

**Essential Standard:** 

A1.EX.1: Add, subtract, and multiply polynomials; compare the system of polynomials to the system of integers when performing operations.

A1.EX.2: Simplify and perform operations with radical expressions without variables;

rationalizing denominators should not include conjugates.

## Supporting Standards:

A1.EX.3: Simplify algebraic expressions using the laws of exponents.

A1.EX.4: Interpret the parts of expressions such as terms, factors, and coefficients in terms of a real-world context.

Date	Lesson	Standards
	Add, subtract, and multiply polynomials; compare the system of polynomials to the system of integers whe performing operations.	ne en A1.EX.1
//	Simplify and perform operations with radical expressions without variables; rationalizing denominators should not include conjugates	A1.EX.2
//	Simplify algebraic expressions using the laws of exponents.	A1.EX.3
//	Interpret the parts of expressions such as terms, factors, and coefficients in terms of a real-world context.	A1.EX.4
//	Summative Assessment	

## Unit 5 – Introduction to Exponential Functions

#### **Essential Standard:**

A1.EFE.2: Represent real-world problems (growth, decay, and compound interest), using exponential equations.

## Supporting Standard:

A1.FN.6: Compare the growth pattern of exponential to linear or quadratic functions using graphs and tables and recognize how exponential growth exceeds other functions.

A1.EFE.1: Represent and solve real-world problems, using exponential equations in one variable.

A1.EFE.3: Construct exponential equations from geometric sequences with and without contex.

A1.EFE.4: Determine the domain and range of exponential functions in mathematical problems. A1.EFE.5: Determine reasonable domain and range values of exponential functions representing real-world situations, both continuous and discrete; interpret the solution as reasonable or unreasonable in context.

A1.EFE.8: Interpret the quantities in an exponential equation in the context of a realworld problem, including growth, decay, and compound interest.

A1.EFE.9: Graph exponential functions that model real-world problems (growth, decay, and compound interest), showing key attributes.

A1.EFE.10: Write exponential functions that provide a reasonable fit to data and use them to make predictions with technology

Date		Lesson	Standards	
//	Pre-Unit Assessment			
//	Looking at Growth	L1: Growing & Growing	A1.FN.6	
//		L2: Patterns of Growth	A1.FN.6, A1.EFE.3	
			A1.EFE.1,	
//		StandardsessmentL1: Growing & GrowingA1.FN.6L2: Patterns of GrowthA1.FN.6, A1.EFE.3L3: Representing Exponential GrowthA1.EFE.1, A1.EFE.2, A1.EFE.6L4: Understanding DecayA1.EFE.1, A1.EFE.2,A1.EFE.0L5: Representing Exponential Decay*A1.EFE.1, 		
	A New Kind	L3: Representing Exponential Growth	A1.EFE.6	
1 1	of	L4: Understanding Decay	A1.EFE.1,	
//	Relationship		A1.EFE.2,A1.EFE.6	
	-		A1.EFE.1,	
//		Lo. Representing Exponential Decay	A1.EFE.2,A1.EFE.6	

//	Exponential Functions	L6: Analyzing Graphs	A1.EFE.9
1 1		17: Using Negative Exponents	A1.EFE.1,
//			A1.EFE.2
			A1.EFE.2,A1.EFE.8
		L8: Exponential Situations as	A1.EFE.9,
//		Functions	A1.EFE.4,
			A1.EFE.5
			A1.EFE.8,
		L9: Interpreting Exponential	A1.EFE.9,
//		Functions	A1.EFE.4,
		L8: Exponential Situations as Functions L9: Interpreting Exponential Functions L10: Looking at Rates of Change L11: Modeling Exponential Behavior L12: Reasoning about Exponential Graphs (Part 1) L13: Reasoning about Exponential Graphs (Part 2)	A1.EFE.5
//		L10: Looking at Rates of Change	A1.EFE.8
	Exponential	111. Madeling Exponential Debewier	A1.EFE.2,A1.EFE.8
	Functions		A1.EFE.9,
//		LIT: Modeling Exponential Benavior	A1.EFE.4,
		Functions L10: Looking at Rates of Change L11: Modeling Exponential Behavior L12: Reasoning about Exponential Graphs (Part 1)	A1.EFE.5
			A1.EFE.2,A1.EFE.8
		L12: Reasoning about Exponential	A1.EFE.9,
//		<ul> <li>Lo. Analyzing Graphs</li> <li>L7: Using Negative Exponents</li> <li>L8: Exponential Situations as Functions</li> <li>L9: Interpreting Exponential Functions</li> <li>L10: Looking at Rates of Change</li> <li>L11: Modeling Exponential Behavior</li> <li>L12: Reasoning about Exponential Graphs (Part 1)</li> <li>L13: Reasoning about Exponential Graphs (Part 2)</li> <li>(added) Write exponential functions that provide a reasonable fit to data and use them to make predictions with technology.</li> </ul>	A1.EFE.4,
			A1.EFE.5
			A1.EFE.2,A1.EFE.8
1 1		L13: Reasoning about Exponential	A1.EFE.9,
//		Graphs (Part 2)	A1.EFE.4,
			A1.EFE.5
		(added) Write exponential functions that provide a reasonable fit to data	A1 EEE 10
		and use them to make predictions with technology.	AI.EFE.IU
/ /	Summative As	ssessment	

## **Essential Standard:**

A1.EFE.8: Interpret the quantities in an exponential equation in the context of a realworld problem, including growth, decay, and compound interest.

## **Supporting Standards:**

A1.EFE.2: Represent real-world problems (growth, decay, and compound interest), using exponential equations.

A1.EFE.4: Determine the domain and range of exponential functions in mathematical problems.

A1.EFE.5: Determine reasonable domain and range values of exponential functions representing real-world situations, both continuous and discrete; interpret the solution as reasonable or unreasonable in context.

A1.FN.5: Differentiate between real-world scenarios that can be modeled by exponential or linear functions by determining whether the relationship has a common difference or a common ratio. A1.FN.6: Compare the growth pattern of exponential to linear or quadratic functions using graphs and tables and recognize how exponential growth exceeds other functions.

Date		Lesson	Standards
//	Percent Growth & Decay	L14: Recalling Percent Change*	A1.EFE.2,A1.EFE.8 A1.EFE.4,A1.EFE.5
//		L15: Functions Involving Percent Change	A1.EFE.2,A1.EFE.8 A1.EFE.4,A1.EFE.5
//		L16: Compounding interest	A1.EFE.2,A1.EFE.8 A1.EFE.4,A1.EFE.5
//		L17: Different Compounding Intervals	A1.EFE.2,A1.EFE.8 A1.EFE.4,A1.EFE.5
//		L18: Expressed in Different Ways	A1.EFE.8,
//	Comparing	L19: Which One Changes Faster?	A1.FN.5, A1.FN.6
//	Exponential Functions	L20: Changes over Equal Intervals	A1.FN.5, A1.FN.6
//	Putting It All Together	L21: Predicting Populations	A1.EFE.2,A1.EFE.8 A1.EFE.4,A1.EFE.5 A1.FN.5, A1.FN.6
//	Summative As	ssessment	

## Unit 6 – Introduction to Quadratic Functions

Essential Standard:				
Supporting Standards:				
Date		Lesson	Standards	
//	Pre-Unit Asse	ssment		
//	A Different	L1: A Different Kind of Change	A1.QFE.1, A1.QFE.2, A1.QFE.4, A1.QFE.5, A1.QFE.6	
//	Change	L2: How Does it Change?	A1.QFE.1, A1.QFE.2, A1.QFE.4, A1.QFE.5, A1.QFE.6	
//	Quadratic Functions	L3: Building Quadratic Functions from Geometric Patterns	A1.QFE.1, A1.QFE.2, A1.QFE.4, A1.QFE.5, A1.QFE.6	
//		L4: Comparing Quadratic & Exponential Functions	A1.FN.6	
//		L5: Building Quadratic Functions to Describe Situations (Part 1)	A1.QFE.1, A1.QFE.2, A1.QFE.4, A1.QFE.5, A1.QFE.6	
//		L6: Building Quadratic Functions to Describe Situations (Part 2)	A1.QFE.1, A1.QFE.2, A1.QFE.4, A1.QFE.5, A1.QFE.6	

//		L7: Building Quadratic Functions to Describe Situations (Part 3)	A1.QFE.1, A1.QFE.2, A1.QFE.4, A1.QFE.5, A1.QFE.6
//	Working with Quadratic Expressions	L8: Equivalent Quadratic Expressions	A1.QFE.7,A1.QFE.8
//		L9: Standard Form & Factored Form	A1.QFE.7,A1.QFE.8
//		L10: Graphs of Functions in Standard & Factored Forms	A1.QFE.7,A1.QFE.8
//	Summative Assessment		
Essential Standard:			

# Supporting Standards:

Date		Lesson	Standards
		L11: Graphing from the Factored	A1.QFE.4,
//			A1.QFE.5,A1.QFE.8,
		FOITI	A1.QFE.10
		112. Creating from the Steveland	A1.QFE.4,
//		Earm (Part 1)	A1.QFE.5,A1.QFE.8,
			A1.QFE.10
		112: Craphing from the Standard	A1.QFE.4,
//	Eastures of	Earm (Part 2)*	A1.QFE.5,A1.QFE.8,
	Graphs of	FOITH (Fait 2)	A1.QFE.10
	Quadratic	L14: Graphs That Represent Situations	A1.QFE.4,
// Functi	Functions		A1.QFE.5,A1.QFE.8,
			A1.QFE.10
//	-	L15: Vertex Form	A1.QFE.8
			A1.QFE.4,
//		L16: Graphing from the Vertex Form	A1.QFE.5,A1.QFE.8,
			A1.QFE.10
		117: Changing the Vertex	A1.QFE.11,
//			A1.QFE.12
		Add lessons: Given the graph of a	
		quadratic function, explain the effects	A1.QFE.12
		of the transformation from the parent	

**Illustrative Mathematics:** Algebra I Pacing

		function y=x^2	
		Add lesson: Write quadratic functions that provide a reasonable fit to data and use them to make predictions with technology.	A1.QFE.13
	Summative As	ssessment	

## Unit 7 – Quadratic Equations

Essential Standard:

A1.QFE.3: Solve quadratic equations with real number solutions, containing one variable, including those with variables on both sides of the equal sign. Equations should be solved by:

• Graphing, • Factoring (including perfect square trinomials and difference of squares binomials), • Using the quadratic formula, • Completing the square, or • Taking the square root.

Supporting Standards:

A1.QFE.4: Determine the domain and range of quadratic functions in mathematical problems.

A1.QFE.5: Determine reasonable domain and range values of quadratic functions representing real-world situations, both continuous and discrete; interpret the solution as reasonable or unreasonable in context. A1.QFE.6: Interpret the key features of a quadratic function that models a relationship between two quantities in a given context.

A1.QFE.9: Use factoring and completing the square to create equivalent forms of quadratic functions to reveal key attributes.

Date		Lesson	Standards	
//	Pre-Unit Assessment			
//	Finding	L1: Finding Unknown Inputs	A1.QFE.4, A1.QFE.5	
//	Unknown Inputs	L2: When & Why Do We Write Quadratic Equations?	A1.QFE.6	
//	Solving Quadratic Equations	L3: Solving Quadratic Equations by Reasoning	<mark>A1.QFE.3</mark> , A1.QFE.9	
//		L4: Solving Quadratic Equations with Zero Product Property	A1.QFE.3, A1.QFE.9	
//		L5: How Many Solutions?	A1.QFE.3, A1.QFE.9	
//		L6: Rewriting Quadratic Expressions in Factored Form (Part 1)	A1.QFE.3, A1.QFE.9	
//		L7: Rewriting Quadratic Expressions in Factored Form (Part 2)	A1.QFE.3, A1.QFE.9	
//		L8: Rewriting Quadratic Expressions in Factored Form (Part 3)	A1.QFE.3, A1.QFE.9	
//		L9: Solving Quadratic Equations by Using Factored Form	A1.QFE.3, A1.QFE.9	
//		L10: Rewriting Quadratic Expressions in Factored Form (Part 4)	A1.QFE.3, A1.QFE.9	

## \_\_\_/\_\_/ Summative Assessment

**Essential Standard:** 

A1.QFE.3: Solve quadratic equations with real number solutions, containing one variable, including those with variables on both sides of the equal sign. Equations should be solved by:

• Graphing, • Factoring (including perfect square trinomials and difference of squares

binomials), • Using the quadratic formula, • Completing the square, or • Taking the square root.

Supporting Standards:

A1.QFE.1: Represent and solve real-world problems using quadratic expressions and equations in one variable.

A1.QFE.2: Write quadratic equations with real number solutions that model the relationship between two quantities and produce a graph of the equation.

A1.QFE.9: Use factoring and completing the square to create equivalent forms of quadratic functions to reveal key attributes.

Date		Lesson	Standards
//	Completing	L11: What are Perfect Squares?	A1.QFE.3,A1.QFE.9
//		L12: Completing the Square (Part 1)	A1.QFE.3,A1.QFE.9
//		L13: Completing the Square (Part 2)	A1.QFE.3,A1.QFE.9
//		L14: Completing the Square (Part 3)	A1.QFE.3,A1.QFE.9
//		L15: Quadratic Equations with Irrational Solutions	A1.QFE.3
//	The	L16: The Quadratic Formula	A1.QFE.3
//		L17: Applying the Quadratic Formula (Part 1)	A1.QFE.3
//		L18: Applying the Quadratic Formula (Part 2)	A1.QFE.3
	Formula	L19: Deriving the Quadratic Formula	A1.QFE.3
		L20: Rational & Irrational Solutions	A1.QFE.3
		L21: Sums & Products of Rationals & Irrational Numbers	A1.QFE.3
	Vertex Form Revisited	L22: Rewriting Quadratic Expressions in Vertex Form	A1.QFE.1, A1.QFE.2, A1.QFE.3

		8 8	
		L23: Using Quadratic Expressions in	A1.QFE.1, A1.QFE.2,
		Vertex Form to Solve Problems	A1.QFE.3
	Putting It All	L24: Using Quadratic Equations to	A1.QFE.1, A1.QFE.2,
	Together	Model Situations & Solve Problems	A1.QFE.3
//	Summative As	ssessment	

## **Modeling Prompts**

MODELING	PROMPT	1

Modeling Prompt 0

Use after Unit 1, Lesson 1

#### MODELING PROMPT 2

**Display Your Data** 

- Use after Unit 1, Lesson 15
- HSS-ID.A.1
- HSS-ID.A.2
- HSS-ID.A.3

#### MODELING PROMPT 3

**College Characteristics** 

- Use after Unit 3, Lesson 9
- HSS-ID.A
- HSS-ID.B.5
- HSS-ID.B.6
- HSS-ID.C.7
- HSS-ID.C.8
- HSS-ID.C.9

**MODELING PROMPT 4** Critically Examining National Debt

Use after Unit 5, Lesson 17

- HSF-BF.A.1
- HSF-LE.A.1
- HSF-LE.A.2
- HSF-LE.B.5