

Standard ID	Standard Text	Edgenuity Lesson Name
	Practice Standards	
MP.1	Make sense of problems and persevere in solving them.	
		Quantitative Reasoning
		Dimensional Analysis
		Writing and Solving Equations in
		Two Variables
		Writing and Graphing Equations in
		Two Variables
		Function Notation
		Evaluating Functions
		Analyzing Graphs
		Point-Slope Form of a Line
		Writing Linear Equations
		Solving Mixture Problems
		Solving Absolute Value Equations
		Solving Systems: Introduction to
		Linear Combinations
		Solving Systems of Linear
		Equations: Linear Combinations
		Graphing Two-Variable Linear
		Inequalities
		Reflections and Dilations of
		Absolute Value Functions Exponential Functions with Radica
		Bases
		Introduction to the Quadratic
		Formula
		Describing Data
		Two-Way Tables
		Relative Frequencies and
		Association
		Box Plots
		Analyzing Residuals
		Strength of Correlation



Form

Standard ID	Standard Text	Edgenuity Lesson Name
MP.2	Reason abstractly and quantitatively.	zagenany zeocon name
	,	Quantitative Reasoning
		Dimensional Analysis
		·
		Writing and Solving Equations in Two Variables
		Writing and Graphing Equations in
		Two Variables
		Introduction to Functions
		Function Notation
		Evaluating Functions
		Analyzing Graphs
		Introduction to Linear Functions
		Solving Linear Equations: Variable
		on One Side
		Solving Linear Equations: Variables
		on Both Sides
		Solving Mixture Problems
		Literal Equations
		Solving One-Variable Inequalities
		Solving Systems of Linear
		Equations: Substitution
		Step Functions
		Absolute Value Functions and
		Translations
		Exponential Growth Functions
		Exponential Decay Functions
		Introduction to Quadratic
		Functions
		Quadratic Functions: Standard
		Form
		Quadratic Functions: Factored



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MP.3	Construct viable arguments and critique the reasoning of others.	
		Slope of a Line
		Writing Linear Equations
		Special Linear Relationships
		Solving Linear Equations: Variables
		on Both Sides
		Solving Linear Equations:
		Distributive Property
		Reflections of Exponential
		Functions
		Introduction to Polynomials
		Solving Quadratic Equations:
		Factoring
		Solving Quadratic Equations:
		Square Root Property
		Solving Quadratic Equations:
		Completing the Square
		Solving Quadratic Equations:
		Completing the Square
		(Continued)
		Modeling with Quadratic Equations
		Regression Models
MP.4	Model with mathematics.	Regression Wodels
IVIP.4	wioder with mathematics.	Weitten and Calcina Fountians in
		Writing and Solving Equations in Two Variables
		Writing and Graphing Equations in Two Variables
		Function Notation
		Writing Linear Equations
		Solving Linear Equations: Variable
		on One Side
		Solving Mixture Problems
		Solving One-Variable Inequalities
		Introduction to Compound
		Inequalities
		Solving Systems: Introduction to
		Linear Combinations



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MP.4	Model with mathematics.	
IVIP.4	(Cont'd)	Solving Systems of Linear Equations: Linear Combinations Modeling with Systems of Linear Inequalities Exponential Growth Functions Exponential Decay Functions Modeling with Quadratic Functions Measures of Center Line of Best Fit
		Regression Models
MP.5	Use appropriate tools strategically.	
		Dimensional Analysis
		Slope-Intercept Form of a Line
		Point-Slope Form of a Line Writing Linear Equations Solving Systems of Linear Equations: Graphing Factoring Trinomials: a = 1 Factoring Trinomials: a > 1 Factoring Polynomials: Difference of Squares Quadratic Functions: Factored Form
MP.6	Attend to precision.	
MP.7	Look for and make use of structure.	Dimensional Analysis
		Evaluating Functions Recognizing Patterns Solving Systems of Linear Inequalities Linear Piecewise Defined Functions Absolute Value Functions and Translations Reflections and Dilations of Absolute Value Functions The Square Root Function



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MP.7	Look for and make use of structure.	
	(Cont'd)	The Cube Root Function
		Vertical Stretches and Shrinks of
		Exponential Functions
		Translations of Exponential
		Functions
		Geometric Sequences
		Adding and Subtracting
		Polynomials
		Multiplying Monomials and
		Binomials
		Multiplying Polynomials and
		Simplifying Expressions
		Factoring Polynomials: GCF
		Factoring Polynomials: Double
		Grouping
		Factoring Trinomials: a = 1
		Factoring Trinomials: a = 1
		(Continued)
		Factoring Trinomials: a > 1
		Factoring Polynomials: Difference
		of Squares
		Factoring Polynomials: Sum and
		Difference of Cubes
		Factoring Polynomials Completel
		Quadratic Functions: Vertex Forn
		Completing the Square
		Completing the Square
		(Continued)
		Solving Quadratic Equations: Zer
		Product Property
		Solving Quadratic Equations:
		Completing the Square
		Solving Quadratic Equations:
		Completing the Square
		(Continued)



Standard ID	Standard Text	Edgenuity Lesson Name
MP.7	Look for and make use of structure.	
	(Cont'd)	Solving Quadratic Equations: Quadratic Formula Solving Linear-Quadratic Systems Standard Deviation
MP.8	Look for and express regularity in repeated reasoning.	
		Recognizing Patterns Introduction to Linear Functions Solving Absolute Value Equations
N-RN	The Real Number System	
	Extend the properties of exponents to rational exponents.	
N-RN.1	Explain how the definition of the meaning of rational exponents follows from extending the properties of integer exponents to those values, allowing for a notation for radicals in terms of rational exponents.	
		Exponential Functions with Radical Bases
N-RN.2	Rewrite expressions involving radicals and rational exponents using the properties of exponents.	
		Exponential Functions with Radical Bases The Cube Root Function
	Use properties of rational and irrational numbers.	
N-RN.3	Explain why the sum or product of two rational numbers is rational; that the sum of a rational number and an irrational number is irrational; and that the product of a nonzero rational number and an irrational number is irrational.	
		Solving Quadratic Equations: Completing the Square
N-Q	Quantities  Reason quantitatively and use units to solve problems.	
N-Q.1	Use units as a way to understand problems and to guide the solution of multi-step problems; choose and interpret units consistently in formulas; choose and interpret the scale and the origin in graphs and data displays.	
		Dimensional Analysis
		Line of Best Fit
		Quantitative Reasoning
		Writing and Graphing Equations in Two Variables



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N-Q.2	Define appropriate quantities for the purpose of descriptive modeling.	,
		Dimensional Analysis
		Quantitative Reasoning
N-Q.3	Choose a level of accuracy appropriate to limitations on measurement when reporting quantities.	-
		Dimensional Analysis
A-SSE	Seeing Structure in Expressions	
	Interpret the structure of expressions	
A-SSE.1	Interpret expressions that represent a quantity in terms of its context.	
A-SSE.1.a	Interpret parts of an expression, such as terms, factors, and coefficients.	
		Introduction to Polynomials
		Multiplying Polynomials and
		Simplifying Expressions
A-SSE.1.b	Interpret complicated expressions by viewing one or more of their parts as a single entity.	
A CCE 2		Factoring Polynomials: GCF
A-SSE.2	Use the structure of an expression to identify ways to rewrite it.	Footonia - Doharoniala Consulatak
		Factoring Polynomials Completely
		Factoring Polynomials: Difference
		of Squares
		Factoring Polynomials: Double Grouping
		Factoring Polynomials: GCF
		Factoring Polynomials: Sum and
		Difference of Cubes
		Factoring Trinomials: a = 1
		Factoring Trinomials: a = 1
		(Continued)
		Factoring Trinomials: a > 1
		Introduction to Polynomials
	Write expressions in equivalent forms to solve problems	
A-SSE.3	Choose and produce an equivalent form of an expression to reveal and explain properties of the quantity represented	
	by the expression.	
A-SSE.3.a	Factor a quadratic expression to reveal the zeros of the function it defines.	
		Quadratic Functions: Standard Form



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A-SSE.3.b	Complete the square in a quadratic expression to reveal the maximum or minimum value of the function it defines.	
		Completing the Square
		Completing the Square
A-SSE.3.c	Use the properties of expenents to transform expressions for expenential functions	(Continued)
A-33E.3.C	Use the properties of exponents to transform expressions for exponential functions.	Exponential Decay Functions
		Exponential Functions with Radical
		Bases
A-APR	Arithmetic with Polynomials and Rational Expressions	
	Perform arithmetic operations on polynomials	
A-APR.1	Understand that polynomials form a system analogous to the integers, namely, they are closed under the operations	
	of addition, subtraction, and multiplication; add, subtract, and multiply polynomials.	Adding and Cubber this
		Adding and Subtracting Polynomials
		Multiplying Monomials and
		Binomials
		Multiplying Polynomials and Simplifying Expressions
A-CED	Creating Equations	
	Create equations that describe numbers or relationships	
A-CED.1	Create equations and inequalities in one variable and use them to solve problems.	
		Introduction to Compound
		Inequalities Solving Absolute Value Equations
		Solving Linear Equations:
		Distributive Property
		Solving Linear Equations: Variable
		on One Side
		Solving Linear Equations: Variables
		on Both Sides
		Solving Mixture Problems Solving One-Variable Inequalities
		Solving Rate Problems
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A-CED.2	Create equations in two or more variables to represent relationships between quantities; graph equations on coordinate axes with labels and scales.	
		Writing and Graphing Equations in Two Variables Writing and Solving Equations in Two Variables
A-CED.3	Represent constraints by equations or inequalities, and by systems of equations and/or inequalities, and interpret solutions as viable or nonviable options in a modeling context.	Two variables
		Introduction to Compound Inequalities Modeling with Systems of Linear Equations Modeling with Systems of Linear Inequalities Modeling with Two-Variable Linear Inequalities Regression Models
		Solving Absolute Value Equations
		Solving Linear Equations: Distributive Property Solving Mixture Problems
		Solving Rate Problems
		Solving Systems of Linear Equations: Linear Combinations Solving Systems of Linear Equations: Substitution Solving Systems: Introduction to Linear Combinations Writing and Solving Equations in Two Variables
A-CED.4	Rearrange formulas to highlight a quantity of interest, using the same reasoning as in solving equations.	
		Literal Equations



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A-REI	Reasoning with Equations and Inequalities	
	Understand solving equations as a process of reasoning and explain the reasoning	
A-REI.1	Explain each step in solving a simple equation as following from the equality of numbers asserted at the previous step, starting from the assumption that the original equation has a solution. Construct a viable argument to justify a solution method.	
	35.00.00	Literal Equations Solving Linear Equations: Variable on One Side Solving Linear Equations: Variables on Both Sides
	Solve equations and inequalities in one variable	
A-REI.3	Solve linear equations and inequalities in one variable, including equations with coefficients represented by letters.	Literal Equations Solving Absolute Value Equations Solving Linear Equations: Distributive Property Solving Linear Equations: Variable on One Side Solving Linear Equations: Variables on Both Sides Solving Mixture Problems Solving One-Variable Inequalities Solving Rate Problems
A-REI.4	Solve quadratic equations in one variable.	
A-REI.4.a	Use the method of completing the square to transform any quadratic equation in x into an equation of the form $(x - p)^2 = q$ that has the same solutions. Derive the quadratic formula from this form.	Introduction to the Quadratic Formula Solving Quadratic Equations: Completing the Square Solving Quadratic Equations: Completing the Square (Continued)



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A-REI.4.b	Solve quadratic equations by inspection (e.g., for $x^2 = 49$ ), taking square roots, completing the square, the quadratic formula and factoring, as appropriate to the initial form of the equation. Recognize when the quadratic formula gives complex solutions and write them as a $\pm$ bi for real numbers a and b.	
	complex solutions and write them as a 2 bit of real numbers a and b.	Introduction to the Quadratic
		Formula
		Modeling with Quadratic
		Equations
		Solving Quadratic Equations:
		Completing the Square
		Solving Quadratic Equations:
		Completing the Square
		(Continued)
		Solving Quadratic Equations:
		Factoring
		Solving Quadratic Equations:
		Quadratic Formula
		Solving Quadratic Equations:
		Square Root Property
		Solving Quadratic Equations: Zero
		Product Property
	Solve systems of equations	
A-REI.5	Prove that, given a system of two equations in two variables, replacing one equation by the sum of that equation and a multiple of the other produces a system with the same solutions.	
		Solving Systems: Introduction to
		Linear Combinations
A-REI.6	Solve systems of linear equations exactly and approximately (e.g., with graphs), focusing on pairs of linear equations ir two variables.	
		Modeling with Systems of Linear Equations
		Solving Systems of Linear
		Equations: Graphing
		Solving Systems of Linear
		Equations: Linear Combinations
		Solving Systems of Linear
		Equations: Substitution
		Solving Systems: Introduction to
		Linear Combinations
A-REI.7	Solve a simple system consisting of a linear equation and a quadratic equation in two variables algebraically and graphically.	



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Solving Linear-Quadratic Systems



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	Represent and solve equations and inequalities graphically	
A-REI.10	Understand that the graph of an equation in two variables is the set of all its solutions plotted in the coordinate plane, often forming a curve (which could be a line).	
		Writing and Graphing Equations in Two Variables
A-REI.11	Explain why the x-coordinates of the points where the graphs of the equations $y = f(x)$ and $y = g(x)$ intersect are the solutions of the equation $f(x) = g(x)$ ; find the solutions approximately, e.g., using technology to graph the functions, make tables of values, or find successive approximations. Include cases where $f(x)$ and/or $g(x)$ are linear, polynomial, rational, absolute value, exponential, and logarithmic functions.	
		Solving Linear Equations: Variable on One Side Solving Linear Equations: Variables on Both Sides Solving Linear-Quadratic Systems
A-REI.12	Graph the solutions to a linear inequality in two variables as a half-plane (excluding the boundary in the case of a strict inequality), and graph the solution set to a system of linear inequalities in two variables as the intersection of the corresponding half-planes.	
		Graphing Two-Variable Linear Inequalities Modeling with Systems of Linear Inequalities Modeling with Two-Variable Linear Inequalities Solving Systems of Linear Inequalities
F-IF	Interpreting Functions Understand the concept of a function and use function notation	
F-IF.1	Understand that a function from one set (called the domain) to another set (called the range) assigns to each element of the domain exactly one element of the range. If f is a function and x is an element of its domain, then $f(x)$ denotes the output of f corresponding to the input x. The graph of f is the graph of the equation $y = f(x)$ .	
		Analyzing Graphs Analyzing Tables Introduction to Functions Introduction to Linear Functions Point-Slope Form of a Line



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F-IF.1	Understand that a function from one set (called the domain) to another set (called the range) assigns to each element	
	(Cont'd)	Slope-Intercept Form of a Line
		Writing Linear Equations
F-IF.2	Use function notation, evaluate functions for inputs in their domains, and interpret statements that use function notation in terms of a context.	
		Absolute Value Functions and
		Translations
		Evaluating Functions
		Function Notation
		Line of Best Fit
		Linear Piecewise Defined Functions
		Recognizing Patterns
		Reflections and Dilations of Absolute Value Functions Regression Models
		Step Functions
		The Cube Root Function
		The Square Root Function
F-IF.3	Recognize that sequences are functions, sometimes defined recursively, whose domain is a subset of the integers.	
		Geometric Sequences
		Recognizing Patterns
		Special Linear Relationships
	Interpret functions that arise in applications in terms of the context	
F-IF.4	For a function that models a relationship between two quantities, interpret key features of graphs and tables in terms of the quantities, and sketch graphs showing key features given a verbal description of the relationship.	
		Analyzing Graphs Analyzing Tables Completing the Square Completing the Square (Continued) Introduction to Quadratic Functions Modeling with Quadratic Functions



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F-IF.4	For a function that models a relationship between two quantities, interpret key features of graphs and tables in terms	
	(Cont'd)	Quadratic Functions: Factored
		Form
		Quadratic Functions: Vertex Form
		Special Linear Relationships
F-IF.5	Relate the domain of a function to its graph and, where applicable, to the quantitative relationship it describes.	
		Absolute Value Functions and
		Translations
		Analyzing Graphs
		Introduction to Linear Functions
		Linear Piecewise Defined Functions
		Point-Slope Form of a Line
		Reflections and Dilations of
		Absolute Value Functions
		Slope-Intercept Form of a Line
		Special Linear Relationships
		Step Functions
		The Cube Root Function
		The Square Root Function
		Writing Linear Equations
F-IF.6	Calculate and interpret the average rate of change of a function (presented symbolically or as a table) over a specified interval. Estimate the rate of change from a graph.	
	interval. Estimate the rate of change norm a graph.	Introduction to Linear Functions
		Performance Task: Super Survey
		Simulator
		Point-Slope Form of a Line
		Slope of a Line
		Slope-Intercept Form of a Line
		Writing Linear Equations



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	Analyze functions using different representations	
F-IF.7	Graph functions expressed symbolically and show key features of the graph, by hand in simple cases and using	
	technology for more complicated cases.	
F-IF.7.a	Graph linear and quadratic functions and show intercepts, maxima, and minima.	
		Completing the Square
		Completing the Square (Continued) Introduction to Quadratic Functions Modeling with Quadratic Functions Point-Slope Form of a Line
		Quadratic Functions: Factored
		Form
		Quadratic Functions: Standard Form
		Quadratic Functions: Vertex Form
		Slope-Intercept Form of a Line
F-IF.7.b	Graph square root, cube root, and piecewise-defined functions, including step functions and absolute value function	
		Absolute Value Functions and Translations Linear Piecewise Defined Functions Performance Task: Construct and Analyze Piecewise Functions Reflections and Dilations of Absolute Value Functions Step Functions The Square Root Function
F-IF.7.e	Graph exponential and logarithmic functions, showing intercepts and end behavior, and trigonometric functions, showing period, midline, and amplitude.	·
		Exponential Decay Functions
		Exponential Growth Functions
		Reflections of Exponential
		Functions Translations of Exponential Functions
		Vertical Stretches and Shrinks of Exponential Functions



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F-IF.8	Write a function defined by an expression in different but equivalent forms to reveal and explain different properties of the function.	
F-IF.8.a	Use the process of factoring and completing the square in a quadratic function to show zeros, extreme values, and symmetry of the graph, and interpret these in terms of a context.	
		Completing the Square
		Completing the Square (Continued)
		Modeling with Quadratic Functions
F-IF.8.b	Use the properties of exponents to interpret expressions for exponential functions.	
		Reflections of Exponential Functions
F-IF.9	Compare properties of two functions each represented in a different way (algebraically, graphically, numerically in tables, or by verbal descriptions).	
		Introduction to Linear Functions
		Quadratic Functions: Factored Form
F-BF	Building Functions	
	Build a function that models a relationship between two quantities	
F-BF.1	Write a function that describes a relationship between two quantities.	
F-BF.1.a	Determine an explicit expression, a recursive process, or steps for calculation from a context.	
		Geometric Sequences
		Recognizing Patterns
		Special Linear Relationships
F-BF.1.b	Combine standard function types using arithmetic operations.	
		Translations of Exponential
E DE 2		Functions
F-BF.2	Write arithmetic and geometric sequences both recursively and with an explicit formula, use them to model situations, and translate between the two forms.	
		Geometric Sequences
		Special Linear Relationships



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	Build new functions from existing functions	
F-BF.3	Identify the effect on the graph of replacing $f(x)$ by $f(x) + k$ , $k$ $f(x)$ , $f(kx)$ , and $f(x + k)$ for specific values of $k$ (both positive and negative); find the value of $k$ given the graphs. Experiment with cases and illustrate an explanation of the effects on the graph using technology.	
		Absolute Value Functions and Translations Quadratic Functions: Vertex Form Reflections and Dilations of Absolute Value Functions Reflections of Exponential Functions The Cube Root Function The Square Root Function Translations of Exponential Functions Vertical Stretches and Shrinks of Exponential Functions
F-BF.4	Find inverse functions.	Exponential Functions
F-BF.4.a	Solve an equation of the form $f(x) = c$ for a simple function $f$ that has an inverse and write an expression for the inverse.	
		Evaluating Functions
F-LE	Linear, Quadratic, and Exponential Models	
F.1.F.1	Construct and compare linear, quadratic, and exponential models and solve problems	
F-LE.1	Distinguish between situations that can be modeled with linear functions and with exponential functions.	
F-LE.1.a	Prove that linear functions grow by equal differences over equal intervals, and that exponential functions grow by equal factors over equal intervals.	
	equal factors over equal intervals.	Exponential Growth Functions Introduction to Linear Functions
F-LE.1.b	Recognize situations in which one quantity changes at a constant rate per unit interval relative to another.	
		Introduction to Linear Functions
		Point-Slope Form of a Line
		Slope of a Line
		Slope-Intercept Form of a Line
		Writing Linear Equations



another.  Exponential Decay Functions Exponential Functions, including arithmetic and geometric sequences, given a graph, a description of a relationship, or two input-output pairs (include reading these from a table).  Geometric Sequences Special Linear Relationships  F-LE.3  Observe using graphs and tables that a quantity increasing exponentially eventually exceeds a quantity increasing linearly, quadratically, or (more generally) as a polynomial function.  Exponential Growth Functions  Interpret expressions for functions in terms of the situation they model  F-LE.5  Interpret the parameters in a linear or exponential function in terms of a context.  Exponential Decay Functions Exponential Functions are Reflections of Exponential Functions  Reflections of Exponential Functions  Translations of Exponential Functions  Vertical Stretches and Shrinks of Exponential Functions  Vertical Stretches and Shrinks of Exponential Functions  S-ID  Interpretting Categorical and Quantitative Data  Summarize, represent, and interpret data on a single count or measurement variable  S-ID.1  Represent data with plots on the real number line (dot plots, histograms, and box plots).  Box Plots Measures of Center	Standard ID	Standard Text	<b>Edgenuity Lesson Name</b>
F-LE.2 Construct linear and exponential functions, including arithmetic and geometric sequences, given a graph, a description of a relationship, or two input-output pairs (include reading these from a table).  F-LE.3 Observe using graphs and tables that a quantity increasing exponentially eventually exceeds a quantity increasing linearly, quadratically, or (more generally) as a polynomial function.  F-LE.5 Interpret expressions for functions in terms of the situation they model  F-LE.5 Interpret the parameters in a linear or exponential function in terms of a context.  Exponential Growth Functions Exponential Growth Functions Reflections of Exponential Growth Functions Reflections of Exponential Functions  Translations of Exponential Functions  Translations of Exponential Functions  Yertical Stretches and Shrinks of Exponential Functions  S-ID Interpreting Categorical and Quantitative Data  Summarize, represent, and interpret data on a single count or measurement variable  S-ID.1 Represent data with plots on the real number line (dot plots, histograms, and box plots).  Box Plots  Measures of Center  Box Plots  Measures of Center  Box Plots  Measures of Center	F-LE.1.c		
F-LE.2 Construct linear and exponential functions, including arithmetic and geometric sequences, given a graph, a description of a relationship, or two input-output pairs (include reading these from a table).  Geometric Sequences Special Linear Relationships Special Linear Rel			<b>Exponential Decay Functions</b>
of a relationship, or two input-output pairs (include reading these from a table).  Geometric Sequences Special Linear Relationships  F-LE.3  Observe using graphs and tables that a quantity increasing exponentially eventually exceeds a quantity increasing linearly, quadratically, or (more generally) as a polynomial function.  Exponential Growth Functions  Interpret expressions for functions in terms of the situation they model  F-LE.5  Interpret the parameters in a linear or exponential function in terms of a context.  Exponential Decay Functions Exponential Functions Reflections of Exponential Functions Reflections of Exponential Functions Translations of Exponential Functions Vertical Stretches and Shrinks of Exponential Functions Vertical Stretches and Shrinks of Exponential Functions  S-ID  Interpreting Categorical and Quantitative Data Summarize, represent, and interpret data on a single count or measurement variable  S-ID.1  Represent data with plots on the real number line (dot plots, histograms, and box plots).  Box Plots Measures of Center  Box Plots Measures of Center  Box Plots Measures of Center			<b>Exponential Growth Functions</b>
F-LE.3 Observe using graphs and tables that a quantity increasing exponentially eventually exceeds a quantity increasing linearly, quadratically, or (more generally) as a polynomial function.  Interpret expressions for functions in terms of the situation they model  F-LE.5 Interpret the parameters in a linear or exponential function in terms of a context.  Exponential Decay Functions Exponential Growth Functions Reflections of Exponential Functions  Franslations of Exponential Functions  Translations of Exponential Functions  Translations of Exponential Functions  Vertical Stretches and Shrinks of Exponential Functions  S-ID Interpreting Categorical and Quantitative Data  Summarize, represent, and interpret data on a single count or measurement variable  S-ID.1 Represent data with plots on the real number line (dot plots, histograms, and box plots).  S-ID.2 Use statistics appropriate to the shape of the data distribution to compare center (median, mean) and spread (interquartile range, standard deviation) of two or more different data sets.  Box Plots  Measures of Center	F-LE.2		on
F-LE.3 Observe using graphs and tables that a quantity increasing exponentially eventually exceeds a quantity increasing linearly, quadratically, or (more generally) as a polynomial function.  Exponential Growth Functions  Interpret expressions for functions in terms of the situation they model  F-LE.5 Interpret the parameters in a linear or exponential function in terms of a context.  Exponential Decay Functions Exponential Growth Functions Reflections of Exponential Functions Translations of Exponential Functions  Yertical Stretches and Shrinks of Exponential Functions  Vertical Stretches and Shrinks of Exponential Functions  Vertical Stretches and Shrinks of Exponential Functions  S-ID. Interpreting Categorical and Quantitative Data  Summarize, represent, and interpret data on a single count or measurement variable  S-ID.1 Represent data with plots on the real number line (dot plots, histograms, and box plots).  Box Plots  Measures of Center  Box Plots  Measures of Center  Box Plots  Measures of Center			Geometric Sequences
linearly, quadratically, or (more generally) as a polynomial function.   Exponential Growth Functions			Special Linear Relationships
Interpret expressions for functions in terms of the situation they model  F-LE.5 Interpret the parameters in a linear or exponential function in terms of a context.  Exponential Decay Functions Exponential Growth Functions Reflections of Exponential Functions Translations of Exponential Functions Translations of Exponential Functions Vertical Stretches and Shrinks of Exponential Functions  S-ID Interpreting Categorical and Quantitative Data Summarize, represent, and interpret data on a single count or measurement variable  S-ID.1 Represent data with plots on the real number line (dot plots, histograms, and box plots).  Box Plots Measures of Center  Box Plots Measures of Center	F-LE.3		
F-LE.5 Interpret the parameters in a linear or exponential function in terms of a context.  Exponential Decay Functions Exponential Growth Functions Reflections of Exponential Functions Translations of Exponential Functions Vertical Stretches and Shrinks of Exponential Functions  S-ID. Summarize, represent, and interpret data on a single count or measurement variable S-ID.1 Represent data with plots on the real number line (dot plots, histograms, and box plots).  S-ID.2 Use statistics appropriate to the shape of the data distribution to compare center (median, mean) and spread (interquartile range, standard deviation) of two or more different data sets.  Box Plots Measures of Center  Box Plots Measures of Center			<b>Exponential Growth Functions</b>
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Measures of Center	S-ID.2		
			Box Plots
Standard Deviation			Measures of Center
			Standard Deviation



Standard ID	Standard Text	Edgenuity Lesson Name
S-ID.3	Interpret differences in shape, center, and spread in the context of the data sets, accounting for possible effects of	
	extreme data points (outliers).	Day Diata
		Box Plots
		Describing Data
		Measures of Center
		Standard Deviation
	Summarize, represent, and interpret data on two categorical and quantitative variables	
S-ID.5	Summarize categorical data for two categories in two-way frequency tables. Interpret relative frequencies in the context of the data (including joint, marginal, and conditional relative frequencies). Recognize possible associations and trends in the data.	
		Relative Frequencies and Association Two-Way Tables
S-ID.6	Represent data on two quantitative variables on a scatter plot, and describe how the variables are related.	Two way rables
S-ID.6 S-ID.6.a	Fit a function to the data; use functions fitted to data to solve problems in the context of the data.	
J-1D.0.a	The a random to the data, use randoms fitted to data to solve problems in the context of the data.	Analyzing Residuals
		Line of Best Fit
CIDEF	Informally account to fit of a function by platting and analysis a residuals	Regression Models
S-ID.6.b	Informally assess the fit of a function by plotting and analyzing residuals.	Analyzing Posidur-la
CID C -		Analyzing Residuals
S-ID.6.c	Fit a linear function for a scatter plot that suggests a linear association.	
		Analyzing Residuals
		Line of Best Fit
		Regression Models
		Strength of Correlation
	Interpret linear models	
S-ID.7	Interpret the slope (rate of change) and the intercept (constant term) of a linear model in the context of the data.	
		Line of Best Fit
		Regression Models
S-ID.8	Compute (using technology) and interpret the correlation coefficient of a linear fit.	
		Strength of Correlation
S-ID.9	Distinguish between correlation and causation.	
		Strength of Correlation
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