



Grade 6 | Kentucky Mathematics Course Standards Correlation to Eureka Math^{2®}

When the original *Eureka Math*® curriculum was released, it quickly became the most widely used K-5 mathematics curriculum in the country. Now, the Great Minds® teacher-writers have created *Eureka Math*^{2®}, a groundbreaking new curriculum that helps teachers deliver exponentially better math instruction while still providing students with the same deep understanding of and fluency in math. *Eureka Math*² carefully sequences mathematical content to maximize vertical alignment—a principle tested and proven to be essential in students' mastery of math—from kindergarten through high school.

While this innovative new curriculum includes all the trademark Eureka Math aha moments that have been delighting students and teachers for years, it also boasts these exciting new features:

Teachability

Eureka Math² employs streamlined materials that allow teachers to plan more efficiently and focus their energy on delivering high-quality instruction that meets the individual needs of their students. Differentiation suggestions, slide decks, digital interactives, and multiple forms of assessment are just a few of the resources built right into the teacher materials.

Accessibility

Eureka Math² incorporates Universal Design for Learning principles so all learners can access the mathematics and take on challenging math concepts. Student supports are built into the instructional design and are clearly identified in the Teach book. Further, the curriculum carries a focus on readability. By eliminating unnecessary words and using simple, clear sentences, the Eureka Math² teacher-writers have created one of the most readable mathematics curricula on the market. The curriculum's readability and accessibility help all students see themselves as mathematical thinkers and doers who are fully capable of owning their mathematics learning.

Digital Engagement

The digital elements of *Eureka Math*² add to students' engagement with the math. The curriculum provides teachers with digital slides for each lesson. In addition, each grade level includes wordless videos that spark students' interest and curiosity. Students at all levels work through mathematical explorations that help lead to their own mathematical discoveries. Digital lessons and videos provide opportunities for students to wonder, explore, and make sense of mathematics, which contributes to the development of a strong, positive mathematical identity.

Standards for Mathematical Practice

Aligned Components of Eureka Math²

MP.1 Make sense of problems and persevere in solving them.	Lessons in every module engage students in mathematical practices. These are indicated in margin notes included with every lesson.
MP.2 Reason abstractly and quantitatively.	Lessons in every module engage students in mathematical practices. These are indicated in margin notes included with every lesson.
MP.3 Construct viable arguments and critique the reasoning of others.	Lessons in every module engage students in mathematical practices. These are indicated in margin notes included with every lesson.
MP.4 Model with mathematics.	Lessons in every module engage students in mathematical practices. These are indicated in margin notes included with every lesson.
MP.5 Use appropriate tools strategically.	Lessons in every module engage students in mathematical practices. These are indicated in margin notes included with every lesson.
MP.6 Attend to precision.	Lessons in every module engage students in mathematical practices. These are indicated in margin notes included with every lesson.
MP.7 Look for and make use of structure.	Lessons in every module engage students in mathematical practices. These are indicated in margin notes included with every lesson.
MP.8 Look for and express regularity in repeated reasoning.	Lessons in every module engage students in mathematical practices. These are indicated in margin notes included with every lesson.

Ratios and Proportional Relationships

Understanding ratio concepts and use ratio reasoning to solve problems.

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KY.6.RP.1	6 M1 Lesson 2: Introduction to Ratios
Understand the concept of a ratio and	6 M1 Lesson 3: Ratios and Tape Diagrams
use ratio language to describe a ratio relationship between two quantities.	6 M1 Lesson 4: Exploring Ratios by Making Batches
relationship between two quantities.	6 M1 Lesson 5: Equivalent Ratios
	6 M1 Lesson 8: Addition Patterns in Ratio Relationships
	6 M1 Lesson 10: Multiplicative Reasoning in Ratio Relationships
	6 M1 Lesson 11: Applications of Ratio Reasoning
KY.6.RP.2	6 M1 Lesson 15: The Value of the Ratio
Understand the concept of a unit rate $\frac{a}{b}$	6 M1 Lesson 16: Speed
associated with a ratio $a:b$ with $b \neq 0$ and use rate language in the context of a	6 M1 Lesson 17: Rates
ratio relationship.	6 M1 Lesson 18: Comparing Rates
	6 M1 Lesson 19: Using Rates to Convert Units
	6 M1 Lesson 20: Solving Rate Problems
KY.6.RP.3	6 M1 Lesson 1: Jars of Jelly Beans
Use ratio and rate reasoning to solve	6 M1 Lesson 3: Ratios and Tape Diagrams
real-world and mathematical problems.	6 M1 Lesson 4: Exploring Ratios by Making Batches
	6 M1 Lesson 5: Equivalent Ratios
	6 M1 Lesson 6: Ratio Tables and Double Number Lines
	6 M1 Lesson 8: Addition Patterns in Ratio Relationships
	6 M1 Lesson 9: Multiplication Patterns in Ratio Relationships
	6 M1 Lesson 10: Multiplicative Reasoning in Ratio Relationships

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KY.6.RP.3 continued	6 M1 Lesson 11: Applications of Ratio Reasoning 6 M4 Lesson 22: Relationship Between Two Variables 6 M4 Lesson 23: Graphs of Ratio Relationships
KY.6.RP.3.a	6 M1 Topic B: Collections of Equivalent Ratios
Make tables of equivalent ratios relating quantities with whole-number measurements, find missing values in	6 M1 Topic C: Comparing Ratio Relationships 6 M1 Lesson 16: Speed
the tables and plot the pairs of values on the coordinate plane. Use tables to compare ratios.	6 M1 Lesson 18: Comparing Rates
KY.6.RP.3.b	6 M1 Topic D: Rates
Solve rate problems including those	6 M5 Lesson 8: Areas of Composite Figures in Real-World Situations
involving unit pricing and constant speed.	6 M5 Lesson 13: Surface Area in Real-World Situations
KY.6.RP.3.c	6 M1 Lesson 19: Using Rates to Convert Units
Use ratio reasoning to convert	6 M1 Lesson 20: Solving Rate Problems
measurement units; manipulate and transform units appropriately when multiplying or dividing quantities.	6 M1 Lesson 21: Solving Multi-Step Rate Problems

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The Number System

Apply and extend previous understandings of multiplication and division to divide fractions by fractions.

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KY.6.NS.1	6 M2 Topic B: Dividing Fractions
Interpret and compute quotients of fractions and solve word problems involving division of fractions by fractions.	6 M2 Topic C: Dividing Fractions Fluently

The Number System

Compute fluently with multi-digit numbers and find common factors and multiples.

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KY.6.NS.2 Fluently divide multi-digit numbers using	6 M2 Lesson 17: Partial Quotients 6 M2 Lesson 18: The Standard Division Algorithm
an algorithm.	6 M2 Lesson 19: Expressing Quotients as Decimals
KY.6.NS.2.a Convert a rational number to a decimal using long division.	7 M2 Lesson 19: Rational Numbers as Decimals, Part 1 7 M2 Lesson 20: Rational Numbers as Decimals, Part 2 7 M2 Lesson 21: Comparing and Ordering Rational Numbers
KY.6.NS.2.b Know that the decimal form of a rational number terminates in 0s or eventually repeats.	7 M2 Lesson 19: Rational Numbers as Decimals, Part 1 7 M2 Lesson 20: Rational Numbers as Decimals, Part 2 7 M2 Lesson 21: Comparing and Ordering Rational Numbers

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KY.6.NS.3	6 M2 Lesson 13: Decimal Addition and Subtraction
Fluently add, subtract, multiply and divide multi-digit decimals using an algorithm for each operation.	6 M2 Lesson 14: Patterns in Multiplying Decimals 6 M2 Lesson 15: Decimal Multiplication 6 M2 Topic F: Decimal Division
KY.6.NS.4	6 M2 Topic A: Factors, Multiples, and Divisibility
Use the distributive property to express a sum of two whole numbers 1–100 with a common factor as a multiple of a sum of two whole numbers with no common factor.	6 M4 Lesson 13: The Distributive Property 6 M4 Lesson 14: Using the Distributive Property to Factor Expressions

The Number System

Apply and extend previous understanding of numbers to the system of rational numbers.

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KY.6.NS.5	6 M3 Lesson 1: Positive and Negative Numbers
Understand that positive and negative numbers are used together to describe quantities having opposite directions or values; use positive and negative numbers to represent quantities in real-world contexts, explaining the meaning of 0 in each situation.	6 M3 Lesson 4: Rational Numbers in Real-World Situations

Aligned Components of Eureka Math²

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Understand a rational number as a point on the number line. Extend number line diagrams and coordinate axes, using appropriate range and intervals, to represent points on the line and in the plane, that include negative numbers and coordinates.

This standard is fully addressed by the lessons aligned to its subsections.

KY.6.NS.6.a

Recognize opposite signs of numbers as indicating locations on opposite sides of 0 on the number line; recognize 0 is its own opposite and the opposite of a positive number is a negative, and the opposite of a negative number is a positive, such as -(-3) = 3.

- 6 M3 Lesson 2: Integers
- 6 M3 Lesson 3: Rational Numbers
- 6 M3 Lesson 4: Rational Numbers in Real-World Situations

KY.6.NS.6.b

Find and position integers and other rational numbers on a horizontal or vertical number line diagram; find and position pairs of integers and other rational numbers on a coordinate plane.

- 6 M3 Lesson 3: Rational Numbers
- 6 M3 Lesson 11: Plotting Points in the Coordinate Plane
- 6 M3 Lesson 12: Reflections in the Coordinate Plane
- 6 M3 Lesson 13: Constructing the Coordinate Plane
- 6 M3 Topic D: Solving Problems in the Coordinate Plane

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KY.6.NS.6.c Understand signs of numbers in ordered pairs as indicating locations in quadrants of the coordinate plane; recognize the similarity between whole numbers, their negative opposites and their positions on a number line, ordered pairs differ only by signs and their locations on one or both axes.	6 M3 Lesson 10: The Four Quadrants of the Coordinate Plane 6 M3 Lesson 11: Plotting Points in the Coordinate Plane 6 M3 Lesson 12: Reflections in the Coordinate Plane 6 M3 Lesson 13: Constructing the Coordinate Plane
KY.6.NS.7 Understand ordering and absolute value of rational numbers.	6 M3 Lesson 5: Comparing Rational Numbers 6 M3 Lesson 6: Ordering Rational Numbers 6 M3 Lesson 8: Absolute Value and Order
KY.6.NS.7.a Interpret statements of inequality as statements about the relative position of two numbers on a number line diagram.	6 M3 Lesson 5: Comparing Rational Numbers 6 M3 Lesson 6: Ordering Rational Numbers
KY.6.NS.7.b Write, interpret and explain statements of order for rational numbers in real-world contexts.	6 M3 Lesson 5: Comparing Rational Numbers 6 M3 Lesson 6: Ordering Rational Numbers

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KY.6.NS.7.c	6 M3 Lesson 7: Absolute Value
Understand the absolute value of a rational number as its distance from 0 on the number line; interpret absolute value as magnitude for a positive or negative quantity in a real-world situation.	
KY.6.NS.7.d Distinguish comparisons of absolute value from statements about order.	6 M3 Lesson 8: Absolute Value and Order 6 M3 Lesson 9: Interpreting Order and Distance in Real-World Situations
KY.6.NS.8	6 M3 Lesson 14: Modeling with the Coordinate Plane
Solve real-world and mathematical problems by graphing points in all four quadrants of the coordinate plane. Include use of coordinates and absolute value to find distances between points with the same first coordinate or the same second coordinate.	6 M3 Topic D: Solving Problems in the Coordinate Plane 6 M5 Lesson 5: Perimeter and Area in the Coordinate Plane

Expressions and Equations

Apply and extend previous understandings of arithmetic to algebraic expressions.

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KY.6.EE.1	6 M4 Topic A: Numerical Expressions
Write and evaluate numerical expressions involving whole-number exponents.	

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KY.6.EE.2	This standard is fully addressed by the lessons aligned to its subsections.
Write, read and evaluate expressions in which letters stand for numbers.	
KY.6.EE.2.a	6 M4 Lesson 7: Algebraic Expressions with Addition and Subtraction
Write expressions that record operations	6 M4 Lesson 8: Algebraic Expressions with Addition, Subtraction, Multiplication, and Division
with numbers and with letters standing for numbers.	6 M4 Lesson 9: Addition and Subtraction Expressions from Real-World Situations
KY.6.EE.2.b	6 M4 Lesson 7: Algebraic Expressions with Addition and Subtraction
Identify parts of an expression using	6 M4 Lesson 8: Algebraic Expressions with Addition, Subtraction, Multiplication, and Division
mathematical terms (sums, term, product,	6 M4 Lesson 9: Addition and Subtraction Expressions from Real-World Situations
factor, quotient, coefficient); view one or more parts of an expression in a single entity.	6 M4 Lesson 11: Modeling Real-World Situations with Expressions
KY.6.EE.2.c	6 M4 Lesson 8: Algebraic Expressions with Addition, Subtraction, Multiplication, and Division
Evaluate expressions for specific values of	6 M4 Lesson 11: Modeling Real-World Situations with Expressions
their variables, including values that are	6 M4 Lesson 12: Applying Properties to Multiplication and Division Expressions
non-negative rational numbers. Include expressions that arise from formulas used	6 M4 Lesson 17: Equations and Solutions
in real-world problems. Perform arithmetic	6 M5 Lesson 1: The Area of a Parallelogram
operations, including whole-number exponents, in the conventional order	6 M5 Lesson 3: The Area of a Triangle
when there are no parentheses to specify	6 M5 Lesson 12: From Nets to Surface Area
a particular order (Order of Operations).	6 M5 Lesson 13: Surface Area in Real-World Situations
	6 M5 Lesson 14: Designing a Box
	6 M5 Lesson 16: Applying Volume Formulas

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KY.6.EE.3	6 M4 Topic C: Equivalent Expressions Using the Properties of Operations
Apply the properties of operations to generate equivalent expressions.	6 M5 Lesson 4: Areas of Triangles in Real-World Situations 6 M5 Lesson 6: Problem Solving with Area in the Coordinate Plane 6 M5 Lesson 7: Area of Trapezoids and Other Polygons
KY.6.EE.4 Identify when two expressions are equivalent when the two expressions name the same number regardless of which value is substituted into them.	6 M4 Topic C: Equivalent Expressions Using the Properties of Operations 6 M5 Lesson 7: Area of Trapezoids and Other Polygons 6 M5 Lesson 12: From Nets to Surface Area 6 M5 Lesson 17: Problem Solving with Volume

Expressions and Equations

Reason about and solve one-variable equations and inequalities.

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KY.6.EE.5

Understand solving an equation or inequality as a process of answering a question: which values from a specified set, if any, make the equation or inequality true? Use substitution to determine whether a given number in a specified set makes an equation or inequality true.

- 6 M4 Lesson 17: Equations and Solutions
- 6 M4 Lesson 18: Inequalities and Solutions
- 6 M4 Lesson 19: Solving Equations with Addition and Subtraction
- 6 M4 Lesson 20: Solving Equations with Multiplication and Division

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KY.6.EE.6	6 M4 Lesson 9: Addition and Subtraction Expressions from Real-World Situations
Use variables to represent numbers and write expressions when solving a real-world or mathematical problem; understand that a variable can represent an unknown number, or depending on the purpose at hand, any number in a specified set.	 6 M4 Lesson 10: Multiplication and Division Expressions from Real-World Situations 6 M4 Lesson 11: Modeling Real-World Situations with Expressions 6 M4 Lesson 16: Equivalent Algebraic Expressions
KY.6.EE.7 Solve real-world and mathematical problems by writing and solving equations of the form $x+p=q$ and $px=q$ for cases in which p,q and x are all nonnegative rational numbers.	 6 M4 Lesson 17: Equations and Solutions 6 M4 Lesson 19: Solving Equations with Addition and Subtraction 6 M4 Lesson 20: Solving Equations with Multiplication and Division 6 M4 Lesson 21: Solving Problems with Equations 6 M5 Lesson 2: The Area of a Right Triangle
KY.6.EE.8 Write an inequality of the form $x > c$, $x < c$, $x \ge c$, or $x \le c$ to represent a constraint or condition in a real-world or mathematical problem. Recognize that inequalities of these forms have infinitely many solutions; represent solutions of such inequalities on vertical and horizontal number lines.	6 M4 Lesson 18: Inequalities and Solutions

Expressions and Equations

Represent and analyze quantitative relationships between dependent and independent variables.

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KY.6.EE.9	6 M4 Topic E: Relating Variables by Using Tables, Graphs, and Equations
Use variables to represent two quantities in a real-world problem that changes in relationship to one another;	
KY.6.EE.9.a	6 M4 Topic E: Relating Variables by Using Tables, Graphs, and Equations
Appropriately recognize one quantity as the dependent variable and the other as the independent variable.	
KY.6.EE.9.b	6 M4 Topic E: Relating Variables by Using Tables, Graphs, and Equations
Write an equation to express one quantity, thought of as the dependent variable, in terms of the other quantity, thought of as the independent variable.	
KY.6.EE.9.c	6 M4 Topic E: Relating Variables by Using Tables, Graphs, and Equations
Analyze the relationship between the dependent and independent variables using graphs and tables and relate these to the question.	

Geometry

Solve real-world and mathematical problems involving area, surface area, and volume.

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KY.6.G.1	6 M5 Topic A: Areas of Polygons
Find the area of right triangles, other triangles, special quadrilaterals and polygons by composing into rectangles or decomposing into triangles and quadrilaterals; apply these techniques in the context of solving real-world and mathematical problems.	6 M5 Topic B: Problem Solving with Area
KY.6.G.2	6 M5 Topic D: Volumes of Right Rectangular Prisms
Find the volume of a right rectangular prism with rational number edge lengths. Apply the formulas $V = lwh$ and $V = Bh$ to find volumes of right rectangular prisms with rational number edge lengths in the context of solving real-world and mathematical problems.	
KY.6.G.3	6 M5 Lesson 5: Perimeter and Area in the Coordinate Plane
Draw polygons in the coordinate plane given coordinates for the vertices; use coordinates to find the length of a side joining points with the same first coordinate or the same second coordinate. Apply these techniques in the context of solving real-world and mathematical problems.	6 M5 Lesson 6: Problem Solving with Area in the Coordinate Plane

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KY.6.G.4	Supplemental material is necessary to address this standard.
Classify three-dimensional figures including cubes, prisms, pyramids, cones and spheres.	

Statistics and Probability

Develop understanding of the process of statistical reasoning.

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KY.6.SP.0	This standard is fully addressed by the lessons aligned to its subsections.
Apply the four-step investigative process for statistical reasoning.	
KY.6.SP.O.a	6 M6 Lesson 1: Posing Statistical Questions
Formulate Questions: Formulate a statistical question as one that anticipates variability and can be answered with data.	6 M6 Lesson 2: Describing a Data Distribution
	6 M6 Lesson 6: Selecting a Data Display
	6 M6 Topic D: Answering Statistical Questions by Analyzing Data
KY.6.SP.O.b	6 M6 Lesson 1: Posing Statistical Questions
Collect Data: Design and use a plan to collect appropriate data to answer a statistical question.	6 M6 Lesson 2: Describing a Data Distribution
	6 M6 Topic D: Answering Statistical Questions by Analyzing Data

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KY.6.SP.O.c	6 M6 Lesson 2: Describing a Data Distribution
Analyze Data: Select appropriate graphical methods and numerical measures to analyze data by displaying variability within a group, comparing individual to individual and comparing individual to group.	6 M6 Topic D: Answering Statistical Questions by Analyzing Data
KY.6.SP.O.d	6 M6 Lesson 6: Selecting a Data Display
Interpret Results: Draw logical conclusions and make generalizations from the data based on the original question.	6 M6 Topic D: Answering Statistical Questions by Analyzing Data

Statistics and Probability

Develop understanding of statistical variability.

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KY.6.SP.1
Recognize a statistical question as one that anticipates variability in the data related to the question and accounts for it in the answers.

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Understand that a set of numerical data collected to answer a statistical question has a distribution which can be described	6 M6 Lesson 2: Describing a Data Distribution 6 M6 Lesson 3: Creating a Dot Plot 6 M6 Lesson 4: Creating a Histogram 6 M6 Lesson 9: Variability in a Data Distribution 6 M6 Lesson 14: Using a Box Plot to Summarize a Distribution
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	C.M.C. Lancar 10: Comparting Compliant Demonstrations and Compare Management
	6 M6 Lesson 18: Connecting Graphical Representations and Summary Measures
KY.6.SP.3	6 M6 Topic B: Mean and Mean Absolute Deviation
Recognize that a measure of center for a	6 M6 Lesson 12: Using the Median to Describe the Center
numerical data set summarizes all of its values with a single number to describe a typical value, while a measure of	6 M6 Lesson 13: Using the Interquartile Range to Describe Variability
	6 M6 Lesson 15: More Practice with Box Plots
	6 M6 Lesson 16: Interpreting Box Plots
the distribution vary.	6 M6 Lesson 19: Comparing Data Distributions
	6 M6 Lesson 22: Presenting Statistical Projects

Statistics and Probability

Summarize and describe distributions.

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KY.6.SP.4 Display the distribution of numerical data in plots on a number line, including dot plots, histograms and box plots. 6 M6 Lesson 5: Comparing Data Displays 6 M6 Lesson 6: Selecting a Data Display 6 M6 Lesson 14: Using a Box Plot to Summarize a Distribution 6 M6 Lesson 15: More Practice with Box Plots 6 M6 Lesson 16: Interpreting Box Plots 6 M6 Lesson 19: Comparing Data Distributions 6 M6 Lesson 19: Comparing Data Distributions 6 M6 Lesson 22: Presenting Statistical Projects KY.6.SP.5. KY.6.SP.5.a Reporting the number of observations. KY.6.SP.5.b Describing the nature of the attribute under investigation, including how it was measured and its units of measurement. 6 M6 Lesson 21: Comparing Data Distribution 9 M6 Lesson 17: Developing a Statistical Project		
in plots on a number line, including dot plots, histograms and box plots. 6 M6 Lesson 5: Comparing Data Displays 6 M6 Lesson 14: Using a Box Plot to Summarize a Distribution 6 M6 Lesson 15: More Practice with Box Plots 6 M6 Lesson 16: Interpreting Box Plots 6 M6 Lesson 19: Comparing Data Distributions 6 M6 Lesson 19: Comparing Data Distributions 6 M6 Lesson 22: Presenting Statistical Projects KY.6.SP.5 Summarize numerical data sets in relation to their context, such as by: KY.6.SP.5.a Reporting the number of observations. KY.6.SP.5.b Describing the nature of the attribute under investigation, including how it was measured and its units of measurement. M6 Lesson 17: Developing a Statistical Project M7 Lesson 18: Posing Statistical Project	KY.6.SP.4	6 M6 Lesson 3: Creating a Dot Plot
plots, histograms and box plots. 6 M6 Lesson 6: Selecting a Data Display 6 M6 Lesson 14: Using a Box Plot to Summarize a Distribution 6 M6 Lesson 15: More Practice with Box Plots 6 M6 Lesson 16: Interpreting Box Plots 6 M6 Lesson 19: Comparing Data Distributions 6 M6 Lesson 19: Comparing Data Distributions 6 M6 Lesson 22: Presenting Statistical Projects KY.6.SP.5 Summarize numerical data sets in relation to their context, such as by: KY.6.SP.5.a Reporting the number of observations. KY.6.SP.5.b Describing the nature of the attribute under investigation, including how it was measured and its units of measurement. 6 M6 Lesson 1: Posing Statistical Questions 6 M6 Lesson 5: Comparing Data Displays 6 M6 Lesson 17: Developing a Statistical Project	in plots on a number line, including dot	6 M6 Lesson 4: Creating a Histogram
6 M6 Lesson 6: Selecting a Data Display 6 M6 Lesson 14: Using a Box Plot to Summarize a Distribution 6 M6 Lesson 15: More Practice with Box Plots 6 M6 Lesson 16: Interpreting Box Plots 6 M6 Lesson 19: Comparing Data Distributions 6 M6 Lesson 19: Comparing Data Distributions 6 M6 Lesson 22: Presenting Statistical Projects KY.6.SP.5 Summarize numerical data sets in relation to their context, such as by: KY.6.SP.5.a Reporting the number of observations. KY.6.SP.5.b Describing the nature of the attribute under investigation, including how it was measured and its units of measurement. 6 M6 Lesson 17: Developing a Statistical Project		6 M6 Lesson 5: Comparing Data Displays
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KY.6.SP.5.a Reporting the number of observations. KY.6.SP.5.b Describing the nature of the attribute under investigation, including how it was measured and its units of measurement. 6 M6 Lesson 19: Comparing Data Distributions Fresenting Statistical Projects This standard is fully addressed by the lessons aligned to its subsections. KY.6.SP.5.a 6 M6 Lesson 2: Describing a Data Distribution 6 M6 Lesson 1: Posing Statistical Questions 6 M6 Lesson 5: Comparing Data Displays 6 M6 Lesson 17: Developing a Statistical Project		6 M6 Lesson 15: More Practice with Box Plots
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Describing the nature of the attribute under investigation, including how it was measured and its units of measurement. 6 M6 Lesson 5: Comparing Data Displays 6 M6 Lesson 17: Developing a Statistical Project	Reporting the number of observations.	
under investigation, including how it was measured and its units of measurement. 6 M6 Lesson 17: Developing a Statistical Project	KY.6.SP.5.b	6 M6 Lesson 1: Posing Statistical Questions
measured and its units of measurement.	under investigation, including how it was	6 M6 Lesson 5: Comparing Data Displays
		6 M6 Lesson 17: Developing a Statistical Project
		6 M6 Lesson 21: Comparing Measures of Variability

Aligned Components of Eureka Math²

KY.6.SP.5.c	6 M6 Lesson 7: Using the Mean to Describe the Center
Determining quantitative measures of center (median and/or mean) to describe distribution of numerical data.	6 M6 Lesson 8: The Mean as a Balance Point
	6 M6 Lesson 10: The Mean Absolute Deviation
	6 M6 Lesson 11: Using the Mean and Mean Absolute Deviation
	6 M6 Lesson 12: Using the Median to Describe the Center
	6 M6 Lesson 13: Using the Interquartile Range to Describe Variability
	6 M6 Lesson 18: Connecting Graphical Representations and Summary Measures
	6 M6 Lesson 21: Comparing Measures of Variability
KY.6.SP.5.d	6 M6 Lesson 7: Using the Mean to Describe the Center
Describing distributions of numerical	6 M6 Lesson 8: The Mean as a Balance Point
data qualitatively relating to shape (using terms such as cluster, mode(s), gap, symmetric, uniform, skewed-left,	6 M6 Lesson 10: The Mean Absolute Deviation
	6 M6 Lesson 11: Using the Mean and Mean Absolute Deviation
skewed-right and the presence of	6 M6 Lesson 12: Using the Median to Describe the Center
outliers) and quantitatively relating to spread/variability (using terms such as range and interquartile range).	6 M6 Lesson 13: Using the Interquartile Range to Describe Variability
	6 M6 Lesson 18: Connecting Graphical Representations and Summary Measures
	6 M6 Lesson 21: Comparing Measures of Variability
KY.6.SP.5.e	6 M6 Lesson 20: Choosing a Measure of Center
Relating the choice of measures of center and variability to the shape of the data distribution.	