Grade 5 | Florida's B.E.S.T. Standards for Mathematics and Mathematical Thinking and Reasoning Standards Correlation to *Eureka Math²*® Florida

This resource demonstrates the alignment of *Eureka Math² Florida* to the full intent of the Florida B.E.S.T. Standards for Mathematics, the Mathematical Thinking and Reasoning Standards, the English Language Arts Expectations, and the English Language Development Standards. These correlations coincide with the information provided in the Florida Instructional Materials Adoption portal for Form IM7.

The text of each Mathematical Thinking and Reasoning standard, each B.E.S.T. standard, EE and ELD is given followed by all lessons from the grade level that provide coverage of that standard.

Mathematical Thinking and Reasoning Standards	Aligned Components of *Eureka Math²* Florida
MA.K12.MTR.1.1 Actively participate in effortful learning both individually and collectively.	5 M1 Lesson 18: Write, interpret, and compare numerical expressions. 5 M1 Lesson 23: Solve multi-step word problems involving the four operations. 5 M2 Lesson 3: Solve word problems involving division and fractions. 5 M2 Lesson 15: Solve word problems involving addition and subtraction of fractions and mixed numbers. 5 M3 Lesson 10: Divide a nonzero whole number by a unit fraction to find the number of groups. 5 M3 Lesson 15: Solve word problems involving fractions with multiplication and division. 5 M4 Lesson 4: Compose and decompose decimals to the thousandths in multiple ways. 5 M4 Lesson 15: Subtract multi-digit numbers with decimals to the thousandths by using the standard algorithm. 5 M4 Lesson 17: Multiply decimal numbers to hundredths and one-digit whole numbers or multiples of 10, 100, or $1{,}000$ by using different written methods. 5 M4 Lesson 32: Interpret and evaluate numerical expressions involving decimals. 5 M5 Lesson 7: Identify quadrilaterals from given properties. 5 M5 Lesson 14: Solve real-world problems involving areas of composite figures with mixed-number and decimal side lengths. 5 M5 Lesson 25: Find the volumes of solid figures composed of right rectangular prisms. 5 M5 Lesson 27: Solve word problems involving perimeter, area, and volume. 5 M6 Lesson 8: Identify and plot points by using ordered pairs. 5 M6 Lesson 10: Draw symmetric figures in the coordinate plane.

Mathematical Thinking and Reasoning Standards	Aligned Components of *Eureka Math²* Florida
MA.K12.MTR.2.1 Demonstrate understanding by representing problems in multiple ways.	5 M1 Lesson 1: Relate adjacent place value units by using place value understanding. 5 M1 Lesson 4: Multiply by using familiar methods. (Enrichment) 5 M1 Lesson 15: Divide multi-digit numbers by using the standard algorithm to find quotient with remainders. 5 M1 Lesson 16: Divide multi-digit numbers by using the standard algorithm and represent remainders as fractions. 5 M1 Lesson 25: Determine the mean by equally redistributing a total amount. 5 M3 Lesson 1: Multiply a fraction less than 1 by a whole number by using number lines. 5 M3 Lesson 5: Multiply unit fractions by fractions less than 1 pictorially. 5 M4 Lesson 3: Represent decimal numbers to the thousandths place in different forms. 5 M4 Lesson 7: Compare decimal numbers to the thousandths place. 5 M4 Lesson 10: Add and subtract multi-digit numbers with decimals to the hundredths by using the standard algorithm. 5 M4 Lesson 12: Add multi-digit numbers with decimals to the thousandths by using place value understanding. 5 M4 Lesson 33: Create and solve real-world problems for given numerical expressions involving decimals. 5 M5 Lesson 17: Find the volume of right rectangular prisms by packing with unit cubes and counting. 5 M5 Lesson 20: Interpret volume as filling. 5 M5 Lesson 21: Relate volumes of solids and liquid volume. 5 M6 Lesson 5: Identify mixed-operation relationships between corresponding inputs and outputs in tables. 5 M6 Lesson 16: Collect and represent data on a line graph.

Mathematical Thinking and Reasoning Standards	Aligned Components of *Eureka Math²* Florida
MA.K12.MTR.3.1 Complete tasks with mathematical fluency.	5 M1 Lesson 5: Multiply two- and three-digit numbers by two-digit numbers by using the distributive property. 5 M1 Lesson 6: Multiply two- and three-digit numbers by two-digit numbers by using the standard algorithm. 5 M1 Lesson 19: Evaluate numerical expressions by using the order of operations. 5 M2 Lesson 6: Add and subtract fractions with related units by finding equivalent fractions numerically. 5 M2 Lesson 8: Add and subtract fractions with unrelated units by finding equivalent fractions numerically. 5 M2 Lesson 16: Determine and explain whether an equation involving addition and subtraction with fractions and mixed numbers is true or false. 5 M2 Lesson 17: Collect and represent data on a line plot. 5 M3 Lesson 16: Compare and evaluate numerical expressions. 5 M3 Lesson 18: Determine whether an equation involving multiplication and division with fractions is true or false and use the order of operations to evaluate expressions with fractions. 5 M4 Lesson 5: Relate the values of digits in a decimal number by using place value understanding. 5 M4 Lesson 14: Subtract multi-digit numbers with decimals to the thousandths by using place value understanding. 5 M4 Lesson 19: Multiply decimal numbers to hundredths and two-digit whole numbers by using different methods. 5 M4 Lesson 24: Divide decimal numbers to hundredths by two-digit whole numbers. 5 M4 Lesson 28: Convert measurements and describe relationships between metric units. 5 M4 Lesson 30: Convert metric measurements involving decimals. 5 M5 Lesson 10: Organize, count, and represent a collection of square tiles. 5 M6 Lesson 13: Reason about visual patterns by using tables and graphs.

Mathematical Thinking and Reasoning Standards	Aligned Components of *Eureka Math²* Florida
MA.K12.MTR.4.1 Engage in discussions that reflect on the mathematical thinking of self and others.	5 M1 Lesson 7: Multiply three- and four-digit numbers by three-digit numbers by using the standard algorithm. 5 M1 Lesson 8: Multiply two multi-digit numbers by using the standard algorithm. 5 M1 Lesson 17: Solve word problems involving division. 5 M1 Lesson 24: Solve problems by using whole-number data from a line plot. 5 M1 Lesson 26: Determine the mean by using an equation with two- and three-digit numbers. 5 M1 Lesson 27: Interpret numerical data by finding the mean, median, mode, and range. 5 M2 Lesson 4: Add and subtract fractions with related units by using pictorial models. 5 M2 Lesson 12: Subtract whole numbers from mixed numbers and mixed numbers from whole numbers. 5 M2 Lesson 18: Solve problems by using fractional data from a line plot. 5 M3 Lesson 6: Multiply fractions less than 1 pictorially. 5 M3 Lesson 9: Multiply fractions. 5 M3 Lesson 13: Divide by whole numbers and unit fractions. 5 M4 Lesson 9: Round decimal numbers to any place value unit. 5 M4 Lesson 13: Add multi-digit numbers with decimals to the thousandths by using the standard al-gorithm. 5 M4 Lesson 23: Divide decimal numbers to hundredths by one-digit whole numbers and multiples of 10, 100, or $1{,}000$ by using place value understanding and vertical form. 5 M5 Lesson 2: Identify three-dimensional figures and classify the figures into categories based on defining attributes. 5 M5 Lesson 3: Classify triangles into different categories based on attributes. 5 M5 Lesson 5: Classify rectangles and rhombuses based on their properties. 5 M5 Lesson 6: Classify kites and squares based on their properties. 5 M5 Lesson 18: Find the volume of right rectangular prisms by packing with improvised units. 5 M6 Lesson 6: Construct a coordinate system on a line. 5 M6 Lesson 11: Interpret graphs that represent real-world situations.

Mathematical Thinking and Reasoning Standards	Aligned Components of *Eureka Math²* Florida
MA.K12.MTR.5.1 Use patterns and structure to help understand and connect mathematical concepts.	5 M1 Lesson 2: Multiply and divide by 10, 100, and $1{,}000$ and identify patterns in the products and quotients. 5 M1 Lesson 10: Divide two-digit numbers by two-digit numbers in problems that result in one-digit quotients. 5 M1 Lesson 12: Divide three-digit numbers by two-digit numbers in problems that result in two-digit quotients. 5 M1 Lesson 14: Divide multi-digit numbers by using the standard algorithm to find quotients with no remainders. 5 M1 Lesson 20: Determine and explain whether an equation involving operations with whole numbers is true or false. 5 M2 Lesson 1: Interpret a fraction as division. 5 M2 Lesson 5: Add and subtract fractions with related units by using area models to rename fractions. 5 M2 Lesson 7: Add and subtract fractions with unrelated units by finding equivalent fractions pictorially. 5 M3 Lesson 2: Multiply a fraction by a whole number. 5 M3 Lesson 4: Convert smaller customary measurement units to larger measurement units. 5 M3 Lesson 7: Multiply unit fractions by fractions by making simpler problems. 5 M3 Lesson 8: Multiply fractions by fractions greater than 1. 5 M3 Lesson 14: Reason about the size of quotients of whole numbers and unit fractions and quotients of unit fractions and whole numbers. 5 M4 Lesson 1: Model and relate decimal place value units to thousandths. 5 M4 Lesson 2: Represent thousandths as a place value unit. 5 M4 Lesson 6: Multiply and divide decimal numbers by 10, 100, and $1{,}000$. 5 M4 Lesson 16: Multiply decimal numbers to hundredths and one-digit whole numbers by using different models. 5 M4 Lesson 18: Multiply decimal numbers to hundredths and two-digit whole numbers by using area models and vertical form. 5 M4 Lesson 20: Relate decimal-number multiplication to fraction multiplication. 5 M4 Lesson 22: Divide decimal numbers to hundredths by one-digit whole numbers and multiples of 10, 100, or $1{,}000$ by using unit form and place value understanding. 5 M4 Lesson 25: Relate division by 0.1 and 0.01 to division by a unit fraction.

Mathematical Thinking and Reasoning Standards	Aligned Components of *Eureka Math²* Florida
MA.K12.MTR.5.1 *continued*	5 M4 Lesson 26: Divide decimal numbers by decimal numbers, resulting in whole-number quotients. 5 M4 Lesson 34: Determine and explain whether an equation involving operations with decimals is true or false. 5 M5 Lesson 1: Analyze hierarchies and identify properties of quadrilaterals. 5 M5 Lesson 4: Classify trapezoids and parallelograms based on their properties. 5 M5 Lesson 8: Classify quadrilaterals in a hierarchy based on properties. 5 M5 Lesson 9: Find areas of square tiles with fraction side lengths by relating the tile to a unit square. 5 M5 Lesson 11: Find the area of a rectangle with fraction side lengths by relating the rectangle to a unit square. 5 M5 Lesson 12: Find areas of rectangles with fraction side lengths by using multiplication. 5 M5 Lesson 16: Identify attributes and properties of right rectangular prisms. 5 M5 Lesson 19: Compose and decompose right rectangular prisms to find their volume by using layers. 5 M5 Lesson 22: Find the volumes of right rectangular prisms by using the area of the base. 5 M5 Lesson 23: Find the volumes of right rectangular prisms by multiplying the edge lengths. 5 M6 Lesson 1: Determine and express rules for number patterns. 5 M6 Lesson 2: Determine and write expressions for number pattern rules. 5 M6 Lesson 4: Identify multiplication and division relationships between corresponding inputs and outputs in tables. 5 M6 Lesson 7: Construct a coordinate system in a plane.
MA.K12.MTR.6.1 Assess the reasonableness of solutions.	5 M1 Lesson 3: Estimate products and quotients by using powers of 10 and their multiples. 5 M2 Lesson 9: Solve word problems involving addition and subtraction of fractions. 5 M2 Lesson 10: Add whole numbers and mixed numbers and add mixed numbers with related units. 5 M3 Lesson 3: Convert larger customary measurement units to smaller measurement units. 5 M4 Lesson 8: Round decimal numbers to the nearest one, tenth, or hundredth. 5 M4 Lesson 21: Reason about products when multiplying with decimal numbers. 5 M4 Lesson 27: Reason about quotients when dividing with decimal numbers. 5 M5 Lesson 13: Multiply mixed numbers. 5 M6 Lesson 14: Reason about patterns in real-world situations.

Mathematical Thinking and Reasoning Standards	Aligned Components of *Eureka Math²* Florida
MA.K12.MTR.7.1 Apply mathematics to real-world contexts.	5 M1 Lesson 9: Divide two- and three-digit numbers by multiples of 10. 5 M1 Lesson 11: Divide three-digit numbers by two-digit numbers in problems that result in one-digit quotients. 5 M1 Lesson 13: Divide four-digit numbers by two-digit numbers. 5 M1 Lesson 21: Solve multi-step word problems involving multiplication and division. 5 M1 Lesson 22: Given word problem contexts, write an equation to determine the unknown. 5 M2 Lesson 2: Represent fractions as division by using models. 5 M2 Lesson 11: Add mixed numbers with unrelated units. 5 M2 Lesson 13: Subtract mixed numbers from mixed numbers with related units. 5 M2 Lesson 14: Subtract mixed numbers from mixed numbers with unrelated units. 5 M3 Lesson 11: Divide a nonzero whole number by a unit fraction to find the size of the group. 5 M3 Lesson 12: Divide a unit fraction by a nonzero whole number. 5 M3 Lesson 17: Create and solve one-step word problems involving fractions. 5 M4 Lesson 11: Solve multi-step word problems involving money by using decimal notation. 5 M4 Lesson 29: Solve multi-step word problems by using metric measurement conversion. 5 M4 Lesson 31: Convert customary measurements involving decimals. 5 M5 Lesson 15: Solve word problems involving multiplication of mixed numbers. 5 M5 Lesson 24: Solve word problems involving volumes of right rectangular prisms. 5 M5 Lesson 26: Solve word problems involving perimeters of rectangles. 5 M6 Lesson 3: Identify addition and subtraction relationships between corresponding inputs and outputs in tables. 5 M6 Lesson 9: Describe the distance and direction between points in the coordinate plane. 5 M6 Lesson 12: Plot data in the coordinate plane and analyze relationships. 5 M6 Lesson 15: Interpret line graphs. 5 M6 Lesson 17: Collect and represent data on a line plot.

Number Sense and Operations

MA.5.NSO.1 Understand the place value of multi-digit numbers with decimals to the thousandths place.

Florida's B.E.S.T. Standards for Mathematics	Aligned Components of *Eureka Math²* Florida
MA.5.NSO.1.1 Express how the value of a digit in a multi-digit number with decimals to the thousandths changes if the digit moves one or more places to the left or right.	5 M1 Lesson 1: Relate adjacent place value units by using place value understanding. 5 M1 Lesson 2: Multiply and divide by 10, 100, and 1,000 and identify patterns in the products and quotients. 5 M4 Lesson 1: Model and relate decimal place value units to thousandths. 5 M4 Lesson 5: Relate the values of digits in a decimal number by using place value understanding.
***M*A.5.NSO.1.2** Read and write multi-digit numbers with decimals to the thousandths using standard form, word form and expanded form.	5 M4 Lesson 2: Represent thousandths as a place value unit. 5 M4 Lesson 3: Represent decimal numbers to the thousandths place in different forms.
MA.5.NSO.1.3 Compose and decompose multi-digit numbers with decimals to the thousandths in multiple ways using the val-ues of the digits in each place. Demon-strate the compositions or decomposi-tions using objects, drawings and ex-pressions or equations.	5 M4 Lesson 1: Model and relate decimal place value units to thousandths. 5 M4 Lesson 2: Represent thousandths as a place value unit. 5 M4 Lesson 3: Represent decimal numbers to the thousandths place in different forms. 5 M4 Lesson 4: Compose and decompose decimals to the thousandths in multiple ways.
MA.5.NSO.1.4 Plot, order and compare multi-digit num-bers with decimals up to the thou-sandths.	5 M4 Lesson 7: Compare decimal numbers to the thousandths place.

Florida's B.E.S.T. Standards for Mathematics	Aligned Components of *Eureka Math²* Florida
MA.5.NSO.1.5 Round multi-digit numbers with decimals to the thousandths to the nearest hundredth, tenth or whole number.	5 M4 Lesson 8: Round decimal numbers to the nearest one, tenth, or hundredth. 5 M4 Lesson 9: Round decimal numbers to any place value unit.

Number Sense and Operations

MA.5.NSO.2 Add, subtract, multiply and divide multi-digit numbers.

Florida's B.E.S.T. Standards for Mathematics	Aligned Components of *Eureka Math²* Florida
MA.5.NSO.2.1 Multiply multi-digit whole numbers includ-ing using a standard algorithm with pro-cedural fluency.	5 M1 Lesson 5: Multiply two- and three-digit numbers by two-digit numbers by using the distributive property. 5 M1 Lesson 6: Multiply two- and three-digit numbers by two-digit numbers by using the standard algorithm. 5 M1 Lesson 7: Multiply three- and four-digit numbers by three-digit numbers by using the standard algorithm. 5 M1 Lesson 8: Multiply two multi-digit numbers by using the standard algorithm.

Florida's B.E.S.T. Standards for Mathematics	Aligned Components of *Eureka Math²* Florida
MA.5.NSO.2.2 Divide multi-digit whole numbers, up to five digits by two digits, including using a standard algorithm with procedural fluency. Represent remainders as fractions.	5 M1 Lesson 9: Divide two- and three-digit numbers by multiples of 10. 5 M1 Lesson 10: Divide two-digit numbers by two-digit numbers in problems that result in one-digit quotients. 5 M1 Lesson 11: Divide three-digit numbers by two-digit numbers in problems that result in one-digit quotients. 5 M1 Lesson 12: Divide three-digit numbers by two-digit numbers in problems that result in two-digit quotients. 5 M1 Lesson 13: Divide four-digit numbers by two-digit numbers. 5 M1 Lesson 14: Divide multi-digit numbers by using the standard algorithm to find quotients with no remainders. 5 M1 Lesson 15: Divide multi-digit numbers by using the standard algorithm to find quotient with remainders. 5 M1 Lesson 16: Divide multi-digit numbers by using the standard algorithm and represent remainders as fractions. 5 M1 Lesson 17: Solve word problems involving division.
MA.5.NSO.2.3 Add and subtract multi-digit numbers with decimals to the thousandths, including using a standard algorithm with procedural fluency.	5 M4 Lesson 12: Add multi-digit numbers with decimals to the thousandths by using place value understanding. 5 M4 Lesson 13: Add multi-digit numbers with decimals to the thousandths by using the standard algorithm. 5 M4 Lesson 14: Subtract multi-digit numbers with decimals to the thousandths by using place value understanding. 5 M4 Lesson 15: Subtract multi-digit numbers with decimals to the thousandths by using the standard algorithm.

Florida's B.E.S.T. Standards for Mathematics	Aligned Components of *Eureka Math²* Florida
MA.5.NSO.2.4 Explore the multiplication and division of multi-digit numbers with decimals to the hundredths using estimation, rounding and place value.	5 M4 Lesson 6: Multiply and divide decimal numbers by 10, 100, and $1{,}000$. 5 M4 Lesson 16: Multiply decimal numbers to hundredths and one-digit whole numbers by using different models. 5 M4 Lesson 17: Multiply decimal numbers to hundredths and one-digit whole numbers or multiples of 10, 100, or $1{,}000$ by using different written methods. 5 M4 Lesson 18: Multiply decimal numbers to hundredths and two-digit whole numbers by using area models and vertical form. 5 M4 Lesson 19: Multiply decimal numbers to hundredths and two-digit whole numbers by using different methods. 5 M4 Lesson 20: Relate decimal-number multiplication to fraction multiplication. 5 M4 Lesson 21: Reason about products when multiplying with decimal numbers. 5 M4 Lesson 22: Divide decimal numbers to hundredths by one-digit whole numbers and multiples of 10, 100, or $1{,}000$ by using unit form and place value understanding. 5 M4 Lesson 23: Divide decimal numbers to hundredths by one-digit whole numbers and multiples of 10, 100, or $1{,}000$ by using place value understanding and vertical form. 5 M4 Lesson 24: Divide decimal numbers to hundredths by two-digit whole numbers. 5 M4 Lesson 25: Relate division by 0.1 and 0.01 to division by a unit fraction. 5 M4 Lesson 26: Divide decimal numbers by decimal numbers, resulting in whole-number quotients. 5 M4 Lesson 27: Reason about quotients when dividing with decimal numbers.
MA.5.NSO.2.5 Multiply and divide a multi-digit number with decimals to the tenths by one-tenth and one-hundredth with procedural reliability.	5 M4 Lesson 6: Multiply and divide decimal numbers by 10, 100, and $1{,}000$. 5 M4 Lesson 20: Relate decimal-number multiplication to fraction multiplication. 5 M4 Lesson 25: Relate division by 0.1 and 0.01 to division by a unit fraction.

Algebraic Reasoning

MA.5.AR.1 Solve problems involving the four operations with whole numbers and fractions.

Florida's B.E.S.T. Standards for Mathematics	Aligned Components of *Eureka Math²* Florida
MA.5.AR.1.1 Solve multi-step real-world problems involving any combination of the four operations with whole numbers, including problems in which remainders must be interpreted within the context.	5 M1 Lesson 9: Divide two- and three-digit numbers by multiples of 10. 5 M1 Lesson 10: Divide two-digit numbers by two-digit numbers in problems that result in one-digit quotients. 5 M1 Lesson 11: Divide three-digit numbers by two-digit numbers in problems that result in one-digit quotients. 5 M1 Lesson 12: Divide three-digit numbers by two-digit numbers in problems that result in two-digit quotients. 5 M1 Lesson 13: Divide four-digit numbers by two-digit numbers. 5 M1 Lesson 16: Divide multi-digit numbers by using the standard algorithm and represent remainders as fractions. 5 M1 Lesson 17: Solve word problems involving division. 5 M1 Lesson 21: Solve multi-step word problems involving multiplication and division. 5 M1 Lesson 23: Solve multi-step word problems involving the four operations.
MA.5.AR.1.2 Solve real-world problems involving the addition, subtraction or multiplication of fractions, including mixed numbers and fractions greater than 1.	5 M2 Lesson 9: Solve word problems involving addition and subtraction of fractions. 5 M2 Lesson 11: Add mixed numbers with unrelated units. 5 M2 Lesson 14: Subtract mixed numbers from mixed numbers with unrelated units. 5 M2 Lesson 15: Solve word problems involving addition and subtraction of fractions and mixed numbers. 5 M3 Lesson 9: Multiply fractions. 5 M3 Lesson 15: Solve word problems involving fractions with multiplication and division. 5 M3 Lesson 17: Create and solve one-step word problems involving fractions. 5 M5 Lesson 14: Solve real-world problems involving areas of composite figures with mixed-number and decimal side lengths. 5 M5 Lesson 15: Solve word problems involving multiplication of mixed numbers.

Florida's B.E.S.T. Standards for Mathematics	Aligned Components of *Eureka Math²* Florida
MA.5.AR.1.3 Solve real-world problems involving division of a unit fraction by a whole number and a whole number by a unit fraction.	5 M3 Lesson 10: Divide a nonzero whole number by a unit fraction to find the number of groups. 5 M3 Lesson 11: Divide a nonzero whole number by a unit fraction to find the size of the group. 5 M3 Lesson 12: Divide a unit fraction by a nonzero whole number. 5 M3 Lesson 13: Divide by whole numbers and unit fractions. 5 M3 Lesson 14: Reason about the size of quotients of whole numbers and unit fractions and quotients of unit fractions and whole numbers. 5 M3 Lesson 15: Solve word problems involving fractions with multiplication and division. 5 M3 Lesson 17: Create and solve one-step word problems involving fractions.

Algebraic Reasoning

MA.5.AR.2 Demonstrate an understanding of equality, the order of operations and equivalent numerical expressions.

Florida's B.E.S.T. Standards for Mathematics	Aligned Components of *Eureka Math²* Florida
MA.5.AR.2.1 Translate written real-world and mathematical descriptions into numerical expressions and numerical expressions into written mathematical descriptions.	5 M1 Lesson 18: Write, interpret, and compare numerical expressions. 5 M3 Lesson 16: Compare and evaluate numerical expressions. 5 M4 Lesson 32: Interpret and evaluate numerical expressions involving decimals. 5 M4 Lesson 33: Create and solve real-world problems for given numerical expressions involving decimals.

Florida's B.E.S.T. Standards for Mathematics	Aligned Components of *Eureka Math²* Florida
MA.5.AR.2.2 Evaluate multi-step numerical expressions using order of operations.	5 M1 Lesson 19: Evaluate numerical expressions by using the order of operations. 5 M1 Lesson 20: Determine and explain whether an equation involving operations with whole numbers is true or false. 5 M2 Lesson 16: Determine and explain whether an equation involving addition and subtraction with fractions and mixed numbers is true or false. 5 M3 Lesson 16: Compare and evaluate numerical expressions. 5 M3 Lesson 18: Determine whether an equation involving multiplication and division with fractions is true or false and use the order of operations to evaluate expressions with fractions. 5 M4 Lesson 32: Interpret and evaluate numerical expressions involving decimals. 5 M4 Lesson 34: Determine and explain whether an equation involving operations with decimals is true or false.
MA.5.AR.2.3 Determine and explain whether an equation involving any of the four operations is true or false.	5 M1 Lesson 20: Determine and explain whether an equation involving operations with whole numbers is true or false. 5 M2 Lesson 16: Determine and explain whether an equation involving addition and subtraction with fractions and mixed numbers is true or false. 5 M3 Lesson 18: Determine whether an equation involving multiplication and division with fractions is true or false and use the order of operations to evaluate expressions with fractions. 5 M4 Lesson 34: Determine and explain whether an equation involving operations with decimals is true or false.

Florida's B.E.S.T. Standards for Mathematics	Aligned Components of *Eureka Math²* Florida
MA.5.AR.2.4 Given a mathematical or real-world context, write an equation involving any of the four operations to determine the unknown whole number with the unknown in any position.	5 M1 Lesson 22: Given word problem contexts, write an equation to determine the unknown. 5 M6 Lesson 3: Identify addition and subtraction relationships between corresponding inputs and outputs in tables. 5 M6 Lesson 4: Identify multiplication and division relationships between corresponding inputs and outputs in tables. 5 M6 Lesson 5: Identify mixed-operation relationships between corresponding inputs and outputs in tables.

Algebraic Reasoning

MA.5.AR.3 Analyze patterns and relationships between inputs and outputs.

Florida's B.E.S.T. Standards for Mathematics	Aligned Components of *Eureka Math²* Florida
MA.5.AR.3.1 Given a numerical pattern, identify and write a rule that can describe the pattern as an expression.	5 M6 Lesson 2: Determine and write expressions for number pattern rules. 5 M6 Lesson 3: Identify addition and subtraction relationships between corresponding inputs and outputs in tables. 5 M6 Lesson 4: Identify multiplication and division relationships between corresponding inputs and outputs in tables. 5 M6 Lesson 5: Identify mixed-operation relationships between corresponding inputs and outputs in tables.

Florida's B.E.S.T. Standards for Mathematics	Aligned Components of *Eureka Math²* Florida
MA.5.AR.3.2 Given a rule for a numerical pattern, use a two-column table to record the inputs and outputs.	5 M6 Lesson 1: Determine and express rules for number patterns. 5 M6 Lesson 2: Determine and write expressions for number pattern rules. 5 M6 Lesson 3: Identify addition and subtraction relationships between corresponding inputs and outputs in tables. 5 M6 Lesson 4: Identify multiplication and division relationships between corresponding inputs and outputs in tables. 5 M6 Lesson 5: Identify mixed-operation relationships between corresponding inputs and outputs in tables. 5 M6 Lesson 13: Reason about visual patterns by using tables and graphs.

Measurement

MA.5.M.1 Convert measurement units to solve multi-step problems.

Florida's B.E.S.T. Standards for Mathematics	Aligned Components of *Eureka Math²* Florida
MA.5.M.1.1 Solve multi-step real-world problems that involve converting measurement units to equivalent measurements within a single system of measurement.	5 M3 Lesson 3: Convert larger customary measurement units to smaller measurement units. 5 M3 Lesson 4: Convert smaller customary measurement units to larger measurement units. 5 M4 Lesson 28: Convert measurements and describe relationships between metric units. 5 M4 Lesson 29: Solve multi-step word problems by using metric measurement conversion. 5 M4 Lesson 30: Convert metric measurements involving decimals. 5 M4 Lesson 31: Convert customary measurements involving decimals.

Measurement

MA.5.M.2 Solve problems involving money.

Florida's B.E.S.T. Standards for Mathematics	Aligned Components of *Eureka Math²* Florida
MA.5.M.2.1 Solve multi-step real-world problems involving money using decimal notation.	5 M4 Lesson 10: Add and subtract multi-digit numbers with decimals to the hundredths by using the standard algorithm. 5 M4 Lesson 11: Solve multi-step word problems involving money by using decimal notation. 5 M4 Lesson 33: Create and solve real-world problems for given numerical expressions involving decimals.

Fractions

MA.5.FR.1 Interpret a fraction as an answer to a division problem.

Florida's B.E.S.T. Standards for Mathematics	Aligned Components of *Eureka Math²* Florida
MA.5.FR.1.1 Given a mathematical or real-world problem, represent the division of two whole numbers as a fraction.	5 M2 Lesson 1: Interpret a fraction as division. 5 M2 Lesson 2: Represent fractions as division by using models. 5 M2 Lesson 3: Solve word problems involving division and fractions.

Fractions

MA.5.FR.2 Perform operations with fractions.

Florida's B.E.S.T. Standards for Mathematics	Aligned Components of *Eureka Math²* Florida
MA.5.FR.2.1 Add and subtract fractions with unlike denominators, including mixed numbers and fractions greater than 1, with procedural reliability	5 M2 Lesson 4: Add and subtract fractions with related units by using pictorial models. 5 M2 Lesson 5: Add and subtract fractions with related units by using area models to rename fractions. 5 M2 Lesson 6: Add and subtract fractions with related units by finding equivalent fractions numerically. 5 M2 Lesson 7: Add and subtract fractions with unrelated units by finding equivalent fractions pictorially.

Florida's B.E.S.T. Standards for Mathematics	Aligned Components of *Eureka Math²* Florida
MA.5.FR.2.1 *continued*	5 M2 Lesson 8: Add and subtract fractions with unrelated units by finding equivalent fractions numerically. 5 M2 Lesson 10: Add whole numbers and mixed numbers and add mixed numbers with related units. 5 M2 Lesson 11: Add mixed numbers with unrelated units. 5 M2 Lesson 12: Subtract whole numbers from mixed numbers and mixed numbers from whole numbers. 5 M2 Lesson 13: Subtract mixed numbers from mixed numbers with related units. 5 M2 Lesson 14: Subtract mixed numbers from mixed numbers with unrelated units.
MA.5.FR.2.2 Extend previous understanding of multiplication to multiply a fraction by a fraction, including mixed numbers and fractions greater than 1, with procedural reliability.	5 M3 Lesson 1: Multiply a fraction less than 1 by a whole number by using number lines. 5 M3 Lesson 2: Multiply a fraction by a whole number. 5 M3 Lesson 3: Convert larger customary measurement units to smaller measurement units. 5 M3 Lesson 4: Convert smaller customary measurement units to larger measurement units. 5 M3 Lesson 5: Multiply unit fractions by fractions less than 1 pictorially. 5 M3 Lesson 6: Multiply fractions less than 1 pictorially. 5 M3 Lesson 7: Multiply unit fractions by fractions by making simpler problems. 5 M3 Lesson 8: Multiply fractions by fractions greater than 1. 5 M3 Lesson 9: Multiply fractions. 5 M5 Lesson 13: Multiply mixed numbers.
MA.5.FR.2.3 When multiplying a given number by a fraction less than 1 or a fraction greater than 1, predict and explain the relative size of the product to the given number without calculating.	5 M3 Lesson 5: Multiply unit fractions by fractions less than 1 pictorially. 5 M3 Lesson 6: Multiply fractions less than 1 pictorially. 5 M3 Lesson 8: Multiply fractions by fractions greater than 1. 5 M3 Lesson 9: Multiply fractions.

Florida's B.E.S.T. Standards for Mathematics	Aligned Components of *Eureka Math²* Florida
MA.5.FR.2.4 Extend previous understanding of division to explore the division of a unit fraction by a whole number and a whole number by a unit fraction.	5 M3 Lesson 10: Divide a nonzero whole number by a unit fraction to find the number of groups. 5 M3 Lesson 11: Divide a nonzero whole number by a unit fraction to find the size of the group. 5 M3 Lesson 12: Divide a unit fraction by a nonzero whole number. 5 M3 Lesson 13: Divide by whole numbers and unit fractions.

Geometric Reasoning

MA.5.GR.1 Classify two-dimensional figures and three-dimensional figures based on defining attributes.

Florida's B.E.S.T. Standards for Mathematics	Aligned Components of *Eureka Math²* Florida
MA.5.GR.1.1 Classify triangles or quadrilaterals into different categories based on shared defining attributes. Explain why a triangle or quadrilateral would or would not belong to a category.	5 M5 Lesson 1: Analyze hierarchies and identify properties of quadrilaterals. 5 M5 Lesson 3: Classify triangles into different categories based on attributes. 5 M5 Lesson 4: Classify trapezoids and parallelograms based on their properties. 5 M5 Lesson 5: Classify rectangles and rhombuses based on their properties. 5 M5 Lesson 6: Classify kites and squares based on their properties. 5 M5 Lesson 7: Identify quadrilaterals from given properties. 5 M5 Lesson 8: Classify quadrilaterals in a hierarchy based on properties.
MA.5.GR.1.2 Identify and classify three-dimensional figures into categories based on their defining attributes. Figures are limited to right pyramids, right prisms, right circular cylinders, right circular cones and spheres.	5 M5 Lesson 1: Analyze hierarchies and identify properties of quadrilaterals. 5 M5 Lesson 2: Identify three-dimensional figures and classify the figures into categories based on defining attributes. 5 M5 Lesson 16: Identify attributes and properties of right rectangular prisms.

Geometric Reasoning

MA.5.GR.2 Find the perimeter and area of rectangles with fractional or decimal side lengths.

Florida's B.E.S.T. Standards for Mathematics	Aligned Components of *Eureka Math²* Florida
MA.5.GR.2.1 Find the perimeter and area of a rectangle with fractional or decimal side lengths using visual models and formulas.	5 M5 Lesson 9: Find areas of square tiles with fraction side lengths by relating the tile to a unit square. 5 M5 Lesson 10: Organize, count, and represent a collection of square tiles. 5 M5 Lesson 11: Find the area of a rectangle with fraction side lengths by relating the rectangle to a unit square. 5 M5 Lesson 12: Find areas of rectangles with fraction side lengths by using multiplication. 5 M5 Lesson 14: Solve real-world problems involving areas of composite figures with mixed-number and decimal side lengths. 5 M5 Lesson 26: Solve word problems involving perimeters of rectangles. 5 M5 Lesson 27: Solve word problems involving perimeter, area, and volume.

Geometric Reasoning

MA.5.GR.3 Solve problems involving the volume of right rectangular prisms.

Florida's B.E.S.T. Standards for Mathematics	Aligned Components of *Eureka Math²* Florida
MA.5.GR.3.1 Explore volume as an attribute of three-dimensional figures by packing them with unit cubes without gaps. Find the volume of a right rectangular prism with whole-number side lengths by counting unit cubes.	5 M5 Lesson 17: Find the volume of right rectangular prisms by packing with unit cubes and counting. 5 M5 Lesson 18: Find the volume of right rectangular prisms by packing with improvised units. 5 M5 Lesson 19: Compose and decompose right rectangular prisms to find their volume by using layers. 5 M5 Lesson 20: Interpret volume as filling. 5 M5 Lesson 21: Relate volumes of solids and liquid volume.

Florida's B.E.S.T. Standards for Mathematics	Aligned Components of *Eureka Math²* Florida
MA.5.GR.3.2 Find the volume of a right rectangular prism with whole-number side lengths using a visual model and a formula.	5 M5 Lesson 22: Find the volumes of right rectangular prisms by using the area of the base. 5 M5 Lesson 23: Find the volumes of right rectangular prisms by multiplying the edge lengths.
MA.5.GR.3.3 Solve real-world problems involving the volume of right rectangular prisms, including problems with an unknown edge length, with whole-number edge lengths using a visual model or a formula. Write an equation with a variable for the unknown to represent the problem.	5 M5 Lesson 24: Solve word problems involving volumes of right rectangular prisms. 5 M5 Lesson 25: Find the volumes of solid figures composed of right rectangular prisms. 5 M5 Lesson 27: Solve word problems involving perimeter, area, and volume.

Geometric Reasoning

MA.5.GR.4 Plot points and represent problems on the coordinate plane.

Florida's B.E.S.T. Standards for Mathematics	Aligned Components of *Eureka Math²* Florida
MA.5.GR.4.1 Identify the origin and axes in the coordinate system. Plot and label ordered pairs in the first quadrant of the coordinate plane.	5 M6 Lesson 6: Construct a coordinate system on a line. 5 M6 Lesson 7: Construct a coordinate system in a plane. 5 M6 Lesson 8: Identify and plot points by using ordered pairs.

Florida's B.E.S.T. Standards for Mathematics	Aligned Components of *Eureka Math²* Florida
MA.5.GR.4.2 Represent mathematical and real-world problems by plotting points in the first quadrant of the coordinate plane and interpret coordinate values of points in the context of the situation.	5 M6 Lesson 9: Describe the distance and direction between points in the coordinate plane. 5 M6 Lesson 10: Draw symmetric figures in the coordinate plane. 5 M6 Lesson 11: Interpret graphs that represent real-world situations. 5 M6 Lesson 12: Plot data in the coordinate plane and analyze relationships. 5 M6 Lesson 13: Reason about visual patterns by using tables and graphs. 5 M6 Lesson 14: Reason about patterns in real-world situations.

Data Analysis and Probability

MA.5.DP.1 Collect, represent and interpret data and find the mean, mode, median or range of a data set.

Florida's B.E.S.T. Standards for Mathematics	Aligned Components of *Eureka Math²* Florida
MA.5.DP.1.1 Collect and represent numerical data, including fractional and decimal values, using tables, line graphs or line plots.	5 M2 Lesson 17: Collect and represent data on a line plot. 5 M6 Lesson 15: Interpret line graphs. 5 M6 Lesson 16: Collect and represent data on a line graph. 5 M6 Lesson 17: Collect and represent data on a line plot.
MA.5.DP.1.2 Interpret numerical data, with whole-number values, represented with tables or line plots by determining the mean, mode, median or range.	5 M1 Lesson 24: Solve problems by using whole-number data from a line plot. 5 M1 Lesson 25: Determine the mean by equally redistributing a total amount. 5 M1 Lesson 26: Determine the mean by using an equation with two- and three-digit numbers. 5 M1 Lesson 27: Interpret numerical data by finding the mean, median, mode, and range.

English Language Arts Expectations

English Language Arts Expectations	Aligned Components of *Eureka Math²* Florida
ELA.K12.EE.1.1 Cite evidence to explain and justify reasoning.	5 M1 Lesson 1: Relate adjacent place value units by using place value understanding. 5 M1 Lesson 3: Estimate products and quotients by using powers of 10 and their multiples. 5 M1 Lesson 5: Multiply two- and three-digit numbers by two-digit numbers by using the distributive property. 5 M1 Lesson 14: Divide multi-digit numbers by using the standard algorithm to find quotients with no remainders. 5 M1 Lesson 16: Divide multi-digit numbers by using the standard algorithm and represent remainders as fractions. 5 M1 Lesson 18: Write, interpret, and compare numerical expressions. 5 M1 Lesson 19: Evaluate numerical expressions by using the order of operations. 5 M1 Lesson 20: Determine and explain whether an equation involving operations with whole numbers is true or false. 5 M1 Lesson 22: Given word problem contexts, write an equation to determine the unknown. 5 M1 Lesson 25: Determine the mean by equally redistributing a total amount. 5 M2 Lesson 5: Add and subtract fractions with related units by using area models to rename fractions. 5 M2 Lesson 6: Add and subtract fractions with related units by finding equivalent fractions numerically. 5 M2 Lesson 10: Add whole numbers and mixed numbers and add mixed numbers with related units. 5 M2 Lesson 12: Subtract whole numbers from mixed numbers and mixed numbers from whole numbers. 5 M2 Lesson 14: Subtract mixed numbers from mixed numbers with unrelated units. 5 M2 Lesson 16: Determine and explain whether an equation involving addition and subtraction with fractions and mixed numbers is true or false. 5 M2 Lesson 17: Collect and represent data on a line plot. 5 M2 Lesson 18: Solve problems by using fractional data from a line plot. 5 M3 Lesson 4: Convert smaller customary measurement units to larger measurement units. 5 M3 Lesson 6: Multiply fractions less than 1 pictorially. 5 M3 Lesson 7: Multiply unit fractions by fractions by making simpler problems. 5 M3 Lesson 8: Multiply fractions by fractions greater than 1. 5 M3 Lesson 9: Multiply fractions.

English Language Arts Expectations	Aligned Components of *Eureka Math²* Florida
ELA.K12.EE.1.1 *continued*	5 M3 Lesson 12: Divide a unit fraction by a nonzero whole number. 5 M3 Lesson 16: Compare and evaluate numerical expressions. 5 M3 Lesson 18: Determine whether an equation involving multiplication and division with fractions is true or false and use the order of operations to evalute expressions with fractions. 5 M4 Lesson 1: Model and relate decimal place value units to thousandths. 5 M4 Lesson 2: Represent thousandths as a place value unit. 5 M4 Lesson 5: Relate the values of digits in a decimal number by using place value understanding. 5 M4 Lesson 6: Multiply and divide decimal numbers by 10, 100, and $1{,}000$. 5 M4 Lesson 9: Round decimal numbers to any place value unit. 5 M4 Lesson 12: Add multi-digit numbers with decimals to the thousandths by using place value understanding. 5 M4 Lesson 14: Subtract multi-digit numbers with decimals to the thousandths by using place value understanding. 5 M4 Lesson 16: Multiply decimal numbers to hundredths and one-digit whole numbers by using different models. 5 M4 Lesson 20: Relate decimal-number multiplication to fraction multiplication. 5 M4 Lesson 21: Reason about products when multiplying with decimal numbers. 5 M4 Lesson 22: Divide decimal numbers to hundredths by one-digit whole numbers and multiples of 10, 100, or $1{,}000$ by using unit form and place value understanding. 5 M4 Lesson 23: Divide decimal numbers to hundredths by one-digit whole numbers and multiples of 10, 100, or $1{,}000$ by using place value understanding and vertical form. 5 M4 Lesson 26: Divide decimal numbers by decimal numbers, resulting in whole-number quotients. 5 M4 Lesson 27: Reason about quotients when dividing with decimal numbers. 5 M4 Lesson 34: Determine and explain whether an equation involving operations with decimals is true or false. 5 M5 Lesson 1: Analyze hierarchies and identify properties of quadrilaterals. 5 M5 Lesson 3: Classify triangles into different categories based on attributes. 5 M5 Lesson 5: Classify rectangles and rhombuses based on their properties. 5 M5 Lesson 6: Classify kites and squares based on their properties. 5 M5 Lesson 8: Classify quadrilaterals in a hierarchy based on properties. 5 M5 Lesson 13: Multiply mixed numbers. 5 M5 Lesson 18: Find the volume of right rectangular prisms by packing with improvised units. 5 M5 Lesson 19: Compose and decompose right rectangular prisms to find their volume by using layers.

English Language Arts Expectations	Aligned Components of *Eureka Math²* Florida
ELA.K12.EE.1.1 *continued*	5 M5 Lesson 20: Interpret volume as filling. 5 M5 Lesson 22: Find the volumes of right rectangular prisms by using the area of the base. 5 M5 Lesson 23: Find the volumes of right rectangular prisms by multiplying the edge lengths. 5 M5 Lesson 25: Find the volumes of solid figures composed of right rectangular prisms. 5 M5 Lesson 27: Solve word problems involving perimeter, area, and volume. 5 M6 Lesson 1: Determine and express rules for number patterns. 5 M6 Lesson 3: Identify addition and subtraction relationships between corresponding inputs and outputs in tables. 5 M6 Lesson 4: Identify multiplication and division relationships between corresponding inputs and outputs in tables. 5 M6 Lesson 9: Describe the distance and direction between points in the coordinate plane. 5 M6 Lesson 16: Collect and represent data on a line graph.
ELA.K12.EE.2.1 Read and comprehend grade-level complex texts proficiently.	5 M1 Lesson 9: Divide two- and three-digit numbers by multiples of 10. 5 M1 Lesson 10: Divide two-digit numbers by two-digit numbers in problems that result in one-digit quotients. 5 M1 Lesson 11: Divide three-digit numbers by two-digit numbers in problems that result in one-digit quotients. 5 M1 Lesson 13: Divide four-digit numbers by two-digit numbers. 5 M1 Lesson 17: Solve word problems involving division. 5 M1 Lesson 21: Solve multi-step word problems involving multiplication and division. 5 M2 Lesson 2: Represent fractions as division by using models. 5 M2 Lesson 7: Add and subtract fractions with unrelated units by finding equivalent fractions pictorially. 5 M2 Lesson 9: Solve word problems involving addition and subtraction of fractions. 5 M2 Lesson 15: Solve word problems involving addition and subtraction of fractions and mixed numbers. 5 M3 Lesson 10: Divide a nonzero whole number by a unit fraction to find the number of groups. 5 M3 Lesson 11: Divide a nonzero whole number by a unit fraction to find the size of the group. 5 M4 Lesson 11: Solve multi-step word problems involving money by using decimal notation. 5 M4 Lesson 29: Solve multi-step word problems by using metric measurement conversion. 5 M4 Lesson 30: Convert metric measurements involving decimals. 5 M4 Lesson 31: Convert customary measurements involving decimals. 5 M5 Lesson 21: Relate volumes of solids and liquid volume.

English Language Arts Expectations	Aligned Components of *Eureka Math²* Florida
ELA.K12.EE.2.1 *continued*	5 M5 Lesson 24: Solve word problems involving volumes of right rectangular prisms. 5 M5 Lesson 26: Solve word problems involving perimeters of rectangles. 5 M6 Lesson 5: Identify mixed-operation relationships between corresponding inputs and outputs in tables.
ELA.K12.EE.3.1 Make inferences to support comprehension.	5 M1 Lesson 26: Determine the mean by using an equation with two- and three-digit numbers. 5 M2 Lesson 1: Interpret a fraction as division. 5 M2 Lesson 4: Add and subtract fractions with related units by using pictorial models. 5 M3 Lesson 3: Convert larger customary measurement units to smaller measurement units. 5 M3 Lesson 5: Multiply unit fractions by fractions less than 1 pictorially. 5 M4 Lesson 8: Round decimal numbers to the nearest one, tenth, or hundredth. 5 M4 Lesson 25: Relate division by 0.1 and 0.01 to division by a unit fraction. 5 M4 Lesson 28: Convert measurements and describe relationships between metric units. 5 M5 Lesson 4: Classify trapezoids and parallelograms based on their properties. 5 M5 Lesson 11: Find the area of a rectangle with fraction side lengths by relating the rectangle to a unit square. 5 M5 Lesson 12: Find areas of rectangles with fraction side lengths by using multiplication. 5 M5 Lesson 16: Identify attributes and properties of right rectangular prisms. 5 M6 Lesson 2: Determine and write expressions for number pattern rules. 5 M6 Lesson 12: Plot data in the coordinate plane and analyze relationships. 5 M6 Lesson 13: Reason about visual patterns by using tables and graphs. 5 M6 Lesson 14: Reason about patterns in real-world situations.

English Language Arts Expectations	Aligned Components of *Eureka Math²* Florida
ELA.K12.EE.4.1 Use appropriate collaborative techniques and active listening skills when engaging in discussions in a variety of situations.	5 M1 Lesson 2: Multiply and divide by 10, 100, and 1,000 and identify patterns in the products and quotients. 5 M1 Lesson 4: Multiply by using familiar methods. 5 M1 Lesson 6: Multiply two- and three-digit numbers by two-digit numbers by using the standard algorithm. 5 M1 Lesson 12: Divide three-digit numbers by two-digit numbers in problems that result in two-digit quotients. 5 M1 Lesson 24: Solve problems by using whole-number data from a line plot. 5 M2 Lesson 8: Add and subtract fractions with unrelated units by finding equivalent fractions numerically. 5 M3 Lesson 1: Multiply a fraction less than 1 by a whole number by using number lines. 5 M3 Lesson 2: Multiply a fraction by a whole number. 5 M3 Lesson 14: Reason about the size of quotients of whole numbers and unit fractions and quotients of unit fractions and whole numbers. 5 M3 Lesson 15: Solve word problems involving fractions with multiplication and division. 5 M4 Lesson 3: Represent decimal numbers to the thousandths place in different forms. 5 M4 Lesson 7: Compare decimal numbers to the thousandths place. 5 M4 Lesson 10: Add and subtract multi-digit numbers with decimals to the hundredths by using the standard algorithm. 5 M4 Lesson 13: Add multi-digit numbers with decimals to the thousandths by using the standard algorithm. 5 M4 Lesson 17: Multiply decimal numbers to hundredths and one-digit whole numbers or multiples of 10, 100, or 1,000 by using different written methods. 5 M4 Lesson 18: Multiply decimal numbers to hundredths and two-digit whole numbers by using area models and vertical form. 5 M4 Lesson 19: Multiply decimal numbers to hundredths and two-digit whole numbers by using different methods. 5 M4 Lesson 24: Divide decimal numbers to hundredths by two-digit whole numbers. 5 M5 Lesson 2: Identify three-dimensional figures and classify the figures into categories based on defining attributes. 5 M5 Lesson 9: Find areas of square tiles with fraction side lengths by relating the tile to a unit square. 5 M5 Lesson 14: Solve real-world problems involving areas of composite figures with mixed-number and decimal side lengths.

English Language Arts Expectations	Aligned Components of *Eureka Math²* Florida
ELA.K12.EE.4.1 *continued*	5 M6 Lesson 6: Construct a coordinate system on a line. 5 M6 Lesson 7: Construct a coordinate system in a plane. 5 M6 Lesson 8: Identify and plot points by using ordered pairs. 5 M6 Lesson 15: Interpret line graphs.
ELA.K12.EE.5.1 Use the accepted rules governing a specific format to create quality work.	5 M1 Lesson 7: Multiply three- and four-digit numbers by three-digit numbers by using the standard algorithm. 5 M1 Lesson 27: Interpret numerical data by finding the mean, median, mode, and range. 5 M2 Lesson 11: Add mixed numbers with unrelated units. 5 M3 Lesson 13: Divide by whole numbers and unit fractions. 5 M4 Lesson 15: Subtract multi-digit numbers with decimals to the thousandths by using the standard algorithm. 5 M4 Lesson 33: Create and solve real-world problems for given numerical expressions involving decimals. 5 M5 Lesson 7: Identify quadrilaterals from given properties. 5 M5 Lesson 10: Organize, count, and represent a collection of square tiles. 5 M6 Lesson 10: Draw symmetric figures in the coordinate plane. 5 M6 Lesson 17: Collect and represent data on a line plot.
ELA.K12.EE.6.1 Use appropriate voice and tone when speaking or writing.	5 M1 Lesson 8: Multiply two multi-digit numbers by using the standard algorithm. 5 M1 Lesson 15: Divide multi-digit numbers by using the standard algorithm to find quotients with remainders. 5 M1 Lesson 23: Solve multi-step word problems involving the four operations. 5 M2 Lesson 3: Solve word problems involving division and fractions. 5 M2 Lesson 13: Subtract mixed numbers from mixed numbers with related units. 5 M3 Lesson 17: Create and solve one-step word problems involving fractions. 5 M4 Lesson 4: Compose and decompose decimals to the thousandths in multiple ways. 5 M4 Lesson 32: Interpret and evaluate numerical expressions involving decimals. 5 M5 Lesson 15: Solve word problems involving multiplication of mixed numbers. 5 M5 Lesson 17: Find the volume of right rectangular prisms by packing with unit cubes and counting. 5 M6 Lesson 11: Interpret graphs that represent real-world situations.

English Language Development Standards

ELD standards are integrated into all Eureka Math² Florida lessons. The list below provides exemplars from each module.r

English Language Development Standards	Aligned Components of *Eureka Math²* Florida
ELD.K12.ELL.MA.1 English language learners communicate for information, ideas and concepts necessary for academic success in the content area of Mathematics.	5 M1 Lesson 1: Relate adjacent place value units by using place value understanding. 5 M1 Lesson 12: Divide three-digit numbers by two-digit numbers in problems that result in two-digit quotients. 5 M2 Lesson 1: Interpret a fraction as division. 5 M2 Lesson 9: Solve word problems involving addition and subtraction of fractions. 5 M3 Lesson 15: Solve word problems involving fractions with multiplication and division. 5 M3 Lesson 17: Create and solve one-step word problems involving fractions. 5 M4 Lesson 4: Compose and decompose decimals to the thousandths in multiple ways. 5 M4 Lesson 33: Create and solve real-world problems for given numerical expressions involving decimals. 5 M5 Lesson 3: Classify triangles into different categories based on attributes. 5 M5 Lesson 11: Find the area of a rectangle with fraction side lengths by relating the rectangle to a unit square. 5 M6 Lesson 2: Determine and write expressions for number pattern rules. 5 M6 Lesson 4: Identify multiplication and division relationships between corresponding inputs and outputs in tables.
ELD.K12.ELL.SI.1 English language learners communicate for social and instructional purposes within the school setting.	5 M1 Lesson 4: Multiply by using familiar methods. 5 M1 Lesson 18: Write, interpret, and compare numerical expressions. 5 M2 Lesson 3: Solve word problems involving division and fractions. 5 M2 Lesson 16: Determine and explain whether an equation involving addition and subtraction with fractions and mixed numbers is true or false. 5 M3 Lesson 4: Convert smaller customary measurement units to larger measurement units. 5 M3 Lesson 18: Determine whether an equation involving multiplication and division with fractions is true or false and use the order of operations to evalute expressions with fractions. 5 M4 Lesson 21: Reason about products when multiplying with decimal numbers. 5 M4 Lesson 32: Interpret and evaluate numerical expressions involving decimals. 5 M5 Lesson 4: Classify trapezoids and parallelograms based on their properties.

English Language Development Standards	Aligned Components of *Eureka Math²* Florida
ELD.K12.ELL.SI.1 *continued*	5 M5 Lesson 15: Solve word problems involving multiplication of mixed numbers. 5 M6 Lesson 3: Identify addition and subtraction relationships between corresponding inputs and outputs in tables. 5 M6 Lesson 12: Plot data in the coordinate plane and analyze relationships.