Grade 4 | 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.	4 M1 Lesson 11: Plot, order, and compare within $1{,}000{,}000$ on a scaled number line. 4 M1 Lesson 13: Find 1, 10, and 100 thousand more than and less than a given number. 4 M1 Lesson 20: Solve two-step subtraction word problems. 4 M2 Lesson 7: Multiply by applying simplifying strategies. 4 M2 Lesson 13: Divide by using different strategies. 4 M3 Lesson 4: Apply place value strategies to divide hundreds, tens, and ones. 4 M3 Lesson 25: Express units of time in terms of both smaller and larger units. 4 M3 Lesson 26: Solve time word problems where the change in time is unknown. 4 M3 Lesson 28: Represent, estimate, and solve division word problems. 4 M4 Lesson 14: Generate a common numerator or denominator to compare fractions. 4 M4 Lesson 18: Subtract a fraction from a whole number. 4 M4 Lesson 29: Solve problems by using data from a line plot. 4 M5 Lesson 12: Apply fraction equivalence to add tenths and hundredths. 4 M5 Lesson 16: Add decimal numbers by using place value understanding. 4 M6 Lesson 2: Determine and interpret the mode, median, and range of a given data set. 4 M6 Lesson 4: Collect, represent, and interpret data.
MA.K12.MTR.2.1 Demonstrate understanding by representing problems in multiple ways.	4 M1 Lesson 3: Describe relationships between measurements by using multiplicative comparison. 4 M1 Lesson 8: Write numbers to $1{,}000{,}000$ in unit form and expanded form by using place value structure. 4 M1 Lesson 26: Express metric measurements of mass and liquid volume in terms of smaller units. 4 M2 Lesson 4: Multiply by using an area model and the distributive property. 4 M2 Lesson 8: Divide two- and three-digit multiples of 10 by one-digit numbers. 4 M2 Lesson 19: Apply area and perimeter formulas to solve problems. 4 M3 Lesson 13: Apply place value strategies to multiply two-digit numbers by two-digit numbers. 4 M3 Lesson 17: Solve multiplication word problems by using various methods. 4 M3 Lesson 24: Express customary measurements of liquid volume in terms of both smaller and larger units. 4 M3 Lesson 27: Find whole-number quotients and remainders. 4 M4 Lesson 5: Rename fractions as a sum of equivalent smaller unit fractions. 4 M4 Lesson 7: Generate equivalent fractions with smaller units for non-unit fractions. 4 M4 Lesson 20: Decompose non-unit fractions into a product of a whole number and a unit fraction..

Mathematical Thinking and Reasoning Standards	Aligned Components of *Eureka Math²* Florida
MA.K12.MTR.2.1 *continued*	4 M4 Lesson 34: Solve word problems involving multiplication of a fraction by a whole number. 4 M5 Lesson 13: Apply fraction equivalence to add mixed numbers with tenths and hundredths. 4 M5 Lesson 18: Subtract decimal numbers by using place value understanding. 4 M6 Lesson 16: Find unknown angle measures within a decomposed angle of up to $180°$.
MA.K12.MTR.3.1 Complete tasks with mathematical fluency.	4 M1 Lesson 5: Organize, count, and represent a collection of objects. 4 M1 Lesson 10: Compare numbers within $1{,}000{,}000$ by using $>$, $=$, and $<$. 4 M1 Lesson 14: Round four-digit numbers to the nearest thousand, hundred, and ten. 4 M1 Lesson 16: Round multi-digit numbers to any place. 4 M1 Lesson 19: Estimate by rounding to assess the reasonableness of differences. 4 M1 Lesson 23: Measure lengths by using different metric units. 4 M2 Lesson 3: Multiply with regrouping by using place value strategies and the distributive property. 4 M2 Lesson 6: Solve multiplication word problems. 4 M2 Lesson 9: Divide two-digit numbers by one-digit numbers by using an area model. 4 M2 Lesson 11: Divide two-digit numbers by one-digit numbers by using place value strategies. 4 M3 Lesson 5: Apply place value strategies to divide thousands, hundreds, tens, and ones. 4 M3 Lesson 6: Connect pictorial representations of division to long division. 4 M3 Lesson 8: Choose and apply a method to divide multi-digit numbers. 4 M3 Lesson 11: Multiply by using various recording methods in vertical form. 4 M3 Lesson 12: Multiply two-digit numbers by two-digit multiples of 10. 4 M3 Lesson 14: Multiply with four partial products. 4 M3 Lesson 21: Measure weight in customary units. 4 M3 Lesson 23: Measure liquid volume in customary units. 4 M4 Lesson 1: Decompose fractions into a sum of fractions. 4 M4 Lesson 4: Decompose mixed numbers in multiple ways. 4 M4 Lesson 8: Generate equivalent fractions with larger units. 4 M4 Lesson 12: Compare fractions with related denominators. 4 M4 Lesson 13: Compare fractions with related numerators. 4 M4 Lesson 17: Add and subtract fractions with like units. 4 M4 Lesson 25: Subtract a fraction from a mixed number, part 1. 4 M4 Lesson 30: Represent data on a line plot. 4 M5 Lesson 1: Organize, count, and represent a collection of money.

Mathematical Thinking and Reasoning Standards	Aligned Components of *Eureka Math²* Florida
MA.K12.MTR.3.1 *continued*	4 M5 Lesson 10: Use pictorial representations to compare decimal numbers. 4 M5 Lesson 15: Add decimal numbers by using different methods. 4 M6 Lesson 1: Collect and represent data by using stem-and-leaf plots. 4 M6 Lesson 6: Draw right, acute, obtuse, and straight angles. 4 M6 Lesson 13: Use a protractor to draw angles up to $180°$.
MA.K12.MTR.4.1 Engage in discussions that reflect on the mathematical thinking of self and others.	4 M1 Lesson 7: Demonstrate that a digit represents $\frac{1}{10}$ as much as what it represents in the place to its left. 4 M1 Lesson 9: Write numbers to $1{,}000{,}000$ in standard form and word form. 4 M1 Lesson 15: Round to the nearest ten thousand and hundred thousand. 4 M1 Lesson 22: Determine and explain whether an equation involving addition and/or subtraction is true or false. 4 M2 Lesson 1: Determine and explain whether an equation involving any of the four operations is true or false. 4 M2 Lesson 5: Multiply by applying the distributive property and write equations. 4 M2 Lesson 10: Divide three-digit numbers by one-digit numbers by using an area model. 4 M2 Lesson 16: Find unknown side lengths in area and perimeter problems. 4 M2 Lesson 20: Find factor pairs for numbers up to 144 and use factors to identify numbers as prime or composite. 4 M2 Lesson 21: Use division and the associative property of multiplication to find factors. 4 M2 Lesson 24: Explore properties of prime and composite numbers up to 100 by using multiples. 4 M3 Lesson 3: Multiply a two-digit multiple of 10 by a two-digit multiple of 10. 4 M3 Lesson 18: Multiply three-digit numbers by two-digit numbers by using the distributive property. 4 M3 Lesson 31: Solve multi-step word problems and assess the reasonableness of solutions. 4 M4 Lesson 10: Generate equivalent fractions for fractions greater than 1 and generate equivalent mixed numbers. 4 M4 Lesson 16: Estimate sums and differences of fractions by using benchmarks. 4 M4 Lesson 31: Multiply a whole number by a mixed number by using the distributive property. 4 M5 Lesson 4: Write mixed numbers in decimal form with tenths. 4 M5 Lesson 6: Represent hundredths as a place value unit. 4 M5 Lesson 11: Compare and order decimal numbers. 4 M6 Lesson 3: Measure length to the nearest eighth inch and sixteenth inch. 4 M6 Lesson 11: Use $180°$ protractors to measure angles.

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.	4 M1 Lesson 1: Interpret multiplication as multiplicative comparison. 4 M1 Lesson 2: Solve multiplicative comparison problems with unknowns in various positions. 4 M1 Lesson 4: Represent the composition of larger units of money by using multiplicative comparison. 4 M1 Lesson 6: Demonstrate that a digit represents 10 times the value of what it represents in the place to its right. 4 M1 Lesson 12: Name numbers by using place value understanding. 4 M1 Lesson 24: Express metric measurements of length in terms of smaller units. 4 M2 Lesson 2: Multiply by using place value strategies and the distributive property. 4 M2 Lesson 12: Divide three-digit numbers by one-digit numbers by using place value strategies. 4 M2 Lesson 14: Express measurements of length in terms of smaller units. 4 M2 Lesson 18: Solve problems to determine the areas of rectangles with the same perimeter. 4 M2 Lesson 22: Apply divisibility rules to determine factors of a number. 4 M2 Lesson 23: Recognize that a number is a multiple of each of its factors. 4 M2 Lesson 25: Use relationships within a pattern to find an unknown term in the sequence. 4 M3 Lesson 1: Divide multiples of 100 and 1000. 4 M3 Lesson 2: Multiply by multiples of 100. 4 M3 Lesson 7: Represent division by using partial quotients. 4 M3 Lesson 9: Apply place value strategies to multiply three-digit numbers by one-digit numbers. 4 M3 Lesson 10: Represent multiplication by using partial products. 4 M3 Lesson 15: Multiply with two partial products. 4 M3 Lesson 20: Explore multi-digit division by using estimation, rounding, and place value. 4 M4 Lesson 3: Decompose fractions greater than 1 in multiple ways. 4 M4 Lesson 6: Generate equivalent fractions with smaller units for unit fractions. 4 M4 Lesson 9: Represent equivalent fractions by using tape diagrams, number lines, and multiplication or division. 4 M4 Lesson 15: Apply fraction comparison strategies to compare fractions greater than 1. 4 M4 Lesson 21: Multiply a whole number by a fraction by using the associative property. 4 M4 Lesson 23: Add a fraction to a mixed number. 4 M4 Lesson 24: Add a mixed number to a mixed number. 4 M4 Lesson 26: Subtract a fraction from a mixed number, part 2. 4 M4 Lesson 32: Find fractions of a set by using arrays and tape diagrams.

Mathematical Thinking and Reasoning Standards	Aligned Components of *Eureka Math²* Florida
MA.K12.MTR.5.1 *continued*	4 M4 Lesson 33: Multiply a fraction less than 1 by a whole number. 4 M4 Lesson 35: Apply fraction multiplication to place value relationships. 4 M5 Lesson 2: Decompose 1 one and express tenths in fraction form and decimal form. 4 M5 Lesson 3: Represent tenths as a place value unit. 4 M5 Lesson 7: Write mixed numbers in decimal form with hundredths. 4 M5 Lesson 17: Subtract decimal numbers by using different methods. 4 M6 Lesson 5: Identify right, acute, obtuse, and straight angles. 4 M6 Lesson 8: Explore angles as fractional turns through a circle. 4 M6 Lesson 9: Use a circular protractor to recognize a $1°$ angle as a turn through $\frac{1}{360}$ of a circle. 4 M6 Lesson 15: Find unknown angle measures within right and straight angles.
MA.K12.MTR.6.1 Assess the reasonableness of solutions.	4 M1 Lesson 17: Estimate by rounding to assess the reasonableness of sums. 4 M1 Lesson 25: Express metric measurements of length in terms of larger units. 4 M2 Lesson 15: Express measurements of length in terms of larger units. 4 M3 Lesson 16: Multiply two-digit numbers by two-digit numbers by using the standard algorithm. 4 M3 Lesson 19: Explore multi-digit multiplication by using estimation, rounding, and place value. 4 M3 Lesson 30: Express a remainder as a fraction. 4 M4 Lesson 11: Compare fractions by using the benchmarks 0, $\frac{1}{2}$, and 1. 4 M4 Lesson 19: Solve addition and subtraction word problems and estimate the reasonableness of the answers. 4 M5 Lesson 14: Solve word problems with tenths and hundredths. 4 M5 Lesson 19: Solve word problems involving addition and subtraction of decimal numbers and money. 4 M6 Lesson 12: Estimate and measure angles with a $180°$ protractor.
MA.K12.MTR.7.1 Apply mathematics to real-world contexts.	4 M1 Lesson 18: Solve two-step addition word problems. 4 M1 Lesson 21: Solve two-step word problems by using addition and subtraction. 4 M2 Lesson 17: Solve problems to determine the perimeters of rectangles with the same area. 4 M3 Lesson 22: Express customary measurements of weight in terms of both smaller and larger units. 4 M3 Lesson 29: Solve multi-step word problems and interpret remainders. 4 M4 Lesson 2: Represent fractions by using various fraction models. 4 M4 Lesson 22: Solve word problems involving multiplication of a whole number by a fraction.

Mathematical Thinking and Reasoning Standards	Aligned Components of *Eureka Math²* Florida
MA.K12.MTR.7.1 *continued*	4 M4 Lesson 27: Subtract a mixed number from a mixed number. 4 M4 Lesson 28: Represent and solve word problems with mixed numbers by using drawings and equations. 4 M5 Lesson 5: Decompose 1 one and express hundredths in fraction form and decimal form. 4 M5 Lesson 8: Represent decimal numbers in expanded form. 4 M5 Lesson 9: Compare measurements expressed as decimal numbers. 4 M6 Lesson 7: Relate geometric figures to a real-world context. 4 M6 Lesson 10: Identify and measure angles as turns and recognize them in various contexts. 4 M6 Lesson 14: Decompose angles by using pattern blocks.

Number Sense and Operations

MA.4.NSO.1 Understand place value for multi-digit numbers.

Florida's B.E.S.T. Standards for Mathematics	Aligned Components of *Eureka Math²* Florida
MA.4.NSO.1.1 Express how the value of a digit in a multi-digit whole number changes if the digit moves one place to the left or right.	4 M1 Lesson 6: Demonstrate that a digit represents 10 times the value of what it represents in the place to its right. 4 M1 Lesson 7: Demonstrate that a digit represents $\frac{1}{10}$ as much as what it represents in the place to its left. 4 M4 Lesson 35: Apply fraction multiplication to place value relationships.
MA.4.NSO.1.2 Read and write multi-digit whole numbers from 0 to $1{,}000{,}000$ using standard form, expanded form and word form.	4 M1 Lesson 5: Organize, count, and represent a collection of objects. 4 M1 Lesson 8: Write numbers to $1{,}000{,}000$ in unit form and expanded form by using place value structure. 4 M1 Lesson 9: Write numbers to $1{,}000{,}000$ in standard form and word form. 4 M1 Lesson 12: Name numbers by using place value understanding.

Florida's B.E.S.T. Standards for Mathematics	Aligned Components of *Eureka Math²* Florida
MA.4.NSO.1.3 Plot, order and compare multi-digit whole numbers up to 1,000,000.	4 M1 Lesson 10: Compare numbers within 1,000,000 by using >, =, and <. 4 M1 Lesson 11: Plot, order, and compare within 1,000,000 on a scaled number line.
MA.4.NSO.1.4 Round whole numbers from 0 to 10,000 to the nearest 10, 100 or 1,000.	4 M1 Lesson 14: Round four-digit numbers to the nearest thousand, hundred, and ten. 4 M1 Lesson 15: Round to the nearest ten thousand and hundred thousand. 4 M1 Lesson 16: Round multi-digit numbers to any place. 4 M1 Lesson 17: Estimate by rounding to assess the reasonableness of sums. 4 M1 Lesson 18: Solve two-step addition word problems. 4 M1 Lesson 19: Estimate by rounding to assess the reasonableness of differences. 4 M1 Lesson 20: Solve two-step subtraction word problems. 4 M1 Lesson 21: Solve two-step word problems by using addition and subtraction.
MA.4.NSO.1.5 Plot, order and compare decimals up to the hundredths.	4 M5 Lesson 2: Decompose 1 one and express tenths in fraction form and decimal form. 4 M5 Lesson 9: Compare measurements expressed as decimal numbers. 4 M5 Lesson 10: Use pictorial representations to compare decimal numbers. 4 M5 Lesson 11: Compare and order decimal numbers.

Number Sense and Operations

MA.4.NSO.2 Build an understanding of operations with multi-digit numbers including decimals.

Florida's B.E.S.T. Standards for Mathematics	Aligned Components of *Eureka Math²* Florida
MA.4.NSO.2.1 Recall multiplication facts with factors up to 12 and related division facts with automaticity.	4 M2 Lesson 1: Determine and explain whether an equation involving any of the four operations is true or false. 4 M2 Lesson 2: Multiply by using place value strategies and the distributive property. 4 M2 Lesson 8: Divide two- and three-digit multiples of 10 by one-digit numbers.

Florida's B.E.S.T. Standards for Mathematics	Aligned Components of *Eureka Math²* Florida
MA.4.NSO.2.2 Multiply two whole numbers, up to three digits by up to two digits, with procedural reliability.	4 M2 Lesson 2: Multiply by using place value strategies and the distributive property. 4 M2 Lesson 3: Multiply with regrouping by using place value strategies and the distributive property. 4 M2 Lesson 4: Multiply by using an area model and the distributive property. 4 M2 Lesson 5: Multiply by applying the distributive property and write equations. 4 M2 Lesson 6: Solve multiplication word problems. 4 M2 Lesson 7: Multiply by applying simplifying strategies. 4 M3 Lesson 2: Multiply by multiples of 100. 4 M3 Lesson 3: Multiply a two-digit multiple of 10 by a two-digit multiple of 10. 4 M3 Lesson 9: Apply place value strategies to multiply three-digit numbers by one-digit numbers. 4 M3 Lesson 10: Represent multiplication by using partial products. 4 M3 Lesson 11: Multiply by using various recording methods in vertical form. 4 M3 Lesson 12: Multiply two-digit numbers by two-digit multiples of 10. 4 M3 Lesson 13: Apply place value strategies to multiply two-digit numbers by two-digit numbers. 4 M3 Lesson 14: Multiply with four partial products. 4 M3 Lesson 15: Multiply with two partial products. 4 M3 Lesson 18: Multiply three-digit numbers by two-digit numbers by using the distributive property.
MA.4.NSO.2.3 Multiply two whole numbers, each up to two digits, including using a standard algorithm with procedural fluency.	4 M3 Lesson 16: Multiply two-digit numbers by two-digit numbers by using the standard algorithm. 4 M3 Lesson 17: Solve multiplication word problems by using various methods.
MA.4.NSO.2.4 Divide a whole number up to four digits by a one-digit whole number with procedural reliability. Represent remainders as fractional parts of the divisor.	4 M2 Lesson 8: Divide two- and three-digit multiples of 10 by one-digit numbers. 4 M2 Lesson 9: Divide two-digit numbers by one-digit numbers by using an area model. 4 M2 Lesson 10: Divide three-digit numbers by one-digit numbers by using an area model. 4 M2 Lesson 11: Divide two-digit numbers by one-digit numbers by using place value strategies. 4 M2 Lesson 12: Divide three-digit numbers by one-digit numbers by using place value strategies. 4 M2 Lesson 13: Divide by using different strategies. 4 M3 Lesson 1: Divide multiples of 100 and 1000. 4 M3 Lesson 4: Apply place value strategies to divide hundreds, tens, and ones. 4 M3 Lesson 5: Apply place value strategies to divide thousands, hundreds, tens, and ones. 4 M3 Lesson 6: Connect pictorial representations of division to long division.

Florida's B.E.S.T. Standards for Mathematics	Aligned Components of *Eureka Math²* Florida
MA.4.NSO.2.4 *continued*	4 M3 Lesson 7: Represent division by using partial quotients. 4 M3 Lesson 8: Choose and apply a method to divide multi-digit numbers. 4 M3 Lesson 27: Find whole-number quotients and remainders. 4 M3 Lesson 28: Represent, estimate, and solve division word problems. 4 M3 Lesson 29: Solve multi-step word problems and interpret remainders. 4 M3 Lesson 30: Express a remainder as a fraction. 4 M3 Lesson 31: Solve multi-step word problems and assess the reasonableness of solutions.
MA.4.NSO.2.5 Explore the multiplication and division of multi-digit whole numbers using estimation, rounding and place value	4 M3 Lesson 19: Explore multi-digit multiplication by using estimation, rounding, and place value. 4 M3 Lesson 20: Explore multi-digit division by using estimation, rounding, and place value.
MA.4.NSO.2.6 Identify the number that is one-tenth more, one-tenth less, one-hundredth more and one-hundredth less than a given number.	4 M5 Lesson 3: Represent tenths as a place value unit. 4 M5 Lesson 6: Represent hundredths as a place value unit. 4 M5 Lesson 7: Write mixed numbers in decimal form with hundredths.
MA.4.NSO.2.7 Explore the addition and subtraction of multi-digit numbers with decimals to the hundredths.	4 M5 Lesson 15: Add decimal numbers by using different methods. 4 M5 Lesson 16: Add decimal numbers by using place value understanding. 4 M5 Lesson 17: Subtract decimal numbers by using different methods. 4 M5 Lesson 18: Subtract decimal numbers by using place value understanding.

Algebraic Reasoning

MA.4.AR.1 Represent and 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.4.AR.1.1 Solve real-world problems involving multiplication and division of whole numbers including problems in which remainders must be interpreted within the context.	4 M1 Lesson 1: Interpret multiplication as multiplicative comparison. 4 M1 Lesson 2: Solve multiplicative comparison problems with unknowns in various positions. 4 M1 Lesson 3: Describe relationships between measurements by using multiplicative comparison. 4 M1 Lesson 4: Represent the composition of larger units of money by using multiplicative comparison. 4 M1 Lesson 6: Demonstrate that a digit represents 10 times the value of what it represents in the place to its right. 4 M2 Lesson 6: Solve multiplication word problems. 4 M3 Lesson 27: Find whole-number quotients and remainders. 4 M3 Lesson 28: Represent, estimate, and solve division word problems. 4 M3 Lesson 29: Solve multi-step word problems and interpret remainders. 4 M3 Lesson 30: Express a remainder as a fraction. 4 M3 Lesson 31: Solve multi-step word problems and assess the reasonableness of solutions.
MA.4.AR.1.2 Solve real-world problems involving addition and subtraction of fractions with like denominators, including mixed numbers and fractions greater than one.	4 M4 Lesson 16: Estimate sums and differences of fractions by using benchmarks. 4 M4 Lesson 18: Subtract a fraction from a whole number. 4 M4 Lesson 19: Solve addition and subtraction word problems and estimate the reasonableness of the answers. 4 M4 Lesson 24: Add a mixed number to a mixed number. 4 M4 Lesson 28: Represent and solve word problems with mixed numbers by using drawings and equations.
MA.4.AR.1.3 Solve real-world problems involving multiplication of a fraction by a whole number or a whole number by a fraction.	4 M4 Lesson 22: Solve word problems involving multiplication of a whole number by a fraction. 4 M4 Lesson 32: Find fractions of a set by using arrays and tape diagrams. 4 M4 Lesson 34: Solve word problems involving multiplication of a fraction by a whole number.

Algebraic Reasoning

MA.4.AR.2 Demonstrate an understanding of equality and operations with whole numbers.

Florida's B.E.S.T. Standards for Mathematics	Aligned Components of *Eureka Math²* Florida
MA.4.AR.2.1 Determine and explain whether an equation involving any of the four operations with whole numbers is true or false.	4 M1 Lesson 22: Determine and explain whether an equation involving addition and/or subtraction is true or false. 4 M2 Lesson 1: Determine and explain whether an equation involving any of the four operations is true or false.
MA.4.AR.2.2 Given a mathematical or real-world context, write an equation involving multiplication or division to determine the unknown whole number with the unknown in any position.	4 M2 Lesson 16: Find unknown side lengths in area and perimeter problems. 4 M2 Lesson 17: Solve problems to determine the perimeters of rectangles with the same area. 4 M2 Lesson 18: Solve problems to determine the areas of rectangles with the same perimeter. 4 M3 Lesson 19: Explore multi-digit multiplication by using estimation, rounding, and place value. 4 M3 Lesson 26: Solve time word problems where the change in time is unknown. 4 M3 Lesson 30: Express a remainder as a fraction.

Algebraic Reasoning

MA.4.AR.3 Recognize numerical patterns, including patterns that follow a given rule.

Florida's B.E.S.T. Standards for Mathematics	Aligned Components of *Eureka Math²* Florida
MA.4.AR.3.1 Determine factor pairs for a whole number from 0 to 144. Determine whether a whole number from 0 to 144 is prime, composite or neither.	4 M2 Lesson 20: Find factor pairs for numbers up to 144 and use factors to identify numbers as prime or composite. 4 M2 Lesson 21: Use division and the associative property of multiplication to find factors. 4 M2 Lesson 22: Apply divisibility rules to determine factors of a number. 4 M2 Lesson 23: Recognize that a number is a multiple of each of its factors. 4 M2 Lesson 24: Explore properties of prime and composite numbers up to 100 by using multiples.

Florida's B.E.S.T. Standards for Mathematics	Aligned Components of *Eureka Math²* Florida
MA.4.AR.3.2 Generate, describe and extend a numerical pattern that follows a given rule.	4 M1 Lesson 1: Interpret multiplication as multiplicative comparison. 4 M1 Lesson 13: Find 1, 10, and 100 thousand more than and less than a given number. 4 M2 Lesson 25: Use relationships within a pattern to find an unknown term in the sequence.

Measurement

MA.4.M.1 Measure the length of objects and solve problems involving measurement.

Florida's B.E.S.T. Standards for Mathematics	Aligned Components of *Eureka Math²* Florida
MA.4.M.1.1 Select and use appropriate tools to measure attributes of objects.	4 M1 Lesson 23: Measure lengths by using different metric units. 4 M3 Lesson 21: Measure weight in customary units. 4 M3 Lesson 23: Measure liquid volume in customary units. 4 M6 Lesson 3: Measure length to the nearest eighth inch and sixteenth inch.
MA.4.M.1.2 Convert within a single system of measurement using the units: yards, feet, inches; kilometers, meters, centimeters, millimeters; pounds, ounces; kilograms, grams; gallons, quarts, pints, cups; liter, milliliter; and hours, minutes, seconds.	4 M1 Lesson 24: Express metric measurements of length in terms of smaller units. 4 M1 Lesson 25: Express metric measurements of length in terms of larger units. 4 M1 Lesson 26: Express metric measurements of mass and liquid volume in terms of smaller units. 4 M2 Lesson 14: Express measurements of length in terms of smaller units. 4 M2 Lesson 15: Express measurements of length in terms of larger units. 4 M3 Lesson 22: Express customary measurements of weight in terms of both smaller and larger units. 4 M3 Lesson 24: Express customary measurements of liquid volume in terms of both smaller and larger units. 4 M3 Lesson 25: Express units of time in terms of both smaller and larger units.

Measurement

MA.4.M.2 Solve problems involving time and money.

Florida's B.E.S.T. Standards for Mathematics	Aligned Components of *Eureka Math²* Florida
MA.4.M.2.1 Solve two-step real-world problems involving distances and intervals of time using any combination of the four operations.	4 M1 Lesson 3: Describe relationships between measurements by using multiplicative comparison. 4 M1 Lesson 18: Solve two-step addition word problems. 4 M1 Lesson 20: Solve two-step subtraction word problems. 4 M1 Lesson 21: Solve two-step word problems by using addition and subtraction. 4 M3 Lesson 11: Multiply by using various recording methods in vertical form. 4 M3 Lesson 18: Multiply three-digit numbers by two-digit numbers by using the distributive property. 4 M3 Lesson 26: Solve time word problems where the change in time is unknown. 4 M4 Lesson 28: Represent and solve word problems with mixed numbers by using drawings and equations.
MA.4.M.2.2 Solve one- and two-step addition and subtraction real-world problems involving money using decimal notation.	4 M5 Lesson 19: Solve word problems involving addition and subtraction of decimal numbers and money.

Fractions

MA.4.FR.1 Develop an understanding of the relationship between different fractions and the relationship between fractions and decimals.

Florida's B.E.S.T. Standards for Mathematics	Aligned Components of *Eureka Math²* Florida
MA.4.FR.1.1 Model and express a fraction, including mixed numbers and fractions greater than one, with the denominator 10 as an equivalent fraction with the denominator 100.	4 M5 Lesson 5: Decompose 1 one and express hundredths in fraction form and decimal form. 4 M5 Lesson 6: Represent hundredths as a place value unit. 4 M5 Lesson 7: Write mixed numbers in decimal form with hundredths. 4 M5 Lesson 8: Represent decimal numbers in expanded form.

Florida's B.E.S.T. Standards for Mathematics	Aligned Components of *Eureka Math²* Florida
MA.4.FR.1.2 Use decimal notation to represent fractions with denominators of 10 or 100, including mixed numbers and fractions greater than 1, and use fractional notation with denominators of 10 or 100 to represent decimals.	4 M5 Lesson 1: Organize, count, and represent a collection of money. 4 M5 Lesson 2: Decompose 1 one and express tenths in fraction form and decimal form. 4 M5 Lesson 3: Represent tenths as a place value unit. 4 M5 Lesson 4: Write mixed numbers in decimal form with tenths. 4 M5 Lesson 5: Decompose 1 one and express hundredths in fraction form and decimal form. 4 M5 Lesson 6: Represent hundredths as a place value unit. 4 M5 Lesson 7: Write mixed numbers in decimal form with hundredths. 4 M5 Lesson 8: Represent decimal numbers in expanded form. 4 M5 Lesson 14: Solve word problems with tenths and hundredths.
MA.4.FR.1.3 Identify and generate equivalent fractions, including fractions greater than one. Describe how the numerator and denominator are affected when the equivalent fraction is created.	4 M4 Lesson 5: Rename fractions as a sum of equivalent smaller unit fractions. 4 M4 Lesson 6: Generate equivalent fractions with smaller units for unit fractions. 4 M4 Lesson 7: Generate equivalent fractions with smaller units for non-unit fractions. 4 M4 Lesson 8: Generate equivalent fractions with larger units. 4 M4 Lesson 9: Represent equivalent fractions by using tape diagrams, number lines, and multiplication or division. 4 M4 Lesson 10: Generate equivalent fractions for fractions greater than 1 and generate equivalent mixed numbers.
MA.4.FR.1.4 Plot, order and compare fractions, including mixed numbers and fractions greater than one, with different numerators and different denominators.	4 M4 Lesson 11: Compare fractions by using the benchmarks 0, $\frac{1}{2}$, and 1. 4 M4 Lesson 12: Compare fractions with related denominators. 4 M4 Lesson 13: Compare fractions with related numerators. 4 M4 Lesson 14: Generate a common numerator or denominator to compare fractions. 4 M4 Lesson 15: Apply fraction comparison strategies to compare fractions greater than 1.

Fractions

MA.4.FR.2 Build a foundation of addition, subtraction and multiplication operations with fractions.

Florida's B.E.S.T. Standards for Mathematics	Aligned Components of *Eureka Math²* Florida
MA.4.FR.2.1 Decompose a fraction, including mixed numbers and fractions greater than one, into a sum of fractions with the same denominator in multiple ways. Demonstrate each decomposition with objects, drawings and equations.	4 M4 Lesson 1: Decompose fractions into a sum of fractions. 4 M4 Lesson 2: Represent fractions by using various fraction models. 4 M4 Lesson 3: Decompose fractions greater than 1 in multiple ways. 4 M4 Lesson 4: Decompose mixed numbers in multiple ways. 4 M4 Lesson 5: Rename fractions as a sum of equivalent smaller unit fractions. 4 M4 Lesson 16: Estimate sums and differences of fractions by using benchmarks. 4 M4 Lesson 18: Subtract a fraction from a whole number.
MA.4.FR.2.2 Add and subtract fractions with like denominators, including mixed numbers and fractions greater than one, with procedural reliability.	4 M4 Lesson 17: Add and subtract fractions with like units. 4 M4 Lesson 18: Subtract a fraction from a whole number. 4 M4 Lesson 23: Add a fraction to a mixed number. 4 M4 Lesson 24: Add a mixed number to a mixed number. 4 M4 Lesson 25: Subtract a fraction from a mixed number, part 1. 4 M4 Lesson 26: Subtract a fraction from a mixed number, part 2. 4 M4 Lesson 27: Subtract a mixed number from a mixed number.
MA.4.FR.2.3 Explore the addition of a fraction with denominator of 10 to a fraction with denominator of 100 using equivalent fractions	4 M5 Lesson 12: Apply fraction equivalence to add tenths and hundredths. 4 M5 Lesson 13: Apply fraction equivalence to add mixed numbers with tenths and hundredths. 4 M5 Lesson 14: Solve word problems with tenths and hundredths.

Florida's B.E.S.T. Standards for Mathematics	Aligned Components of *Eureka Math²* Florida
MA.4.FR.2.4 Extend previous understanding of multiplication to explore the multiplication of a fraction by a whole number or a whole number by a fraction.	4 M4 Lesson 20: Decompose non-unit fractions into a product of a whole number and a unit fraction. 4 M4 Lesson 21: Multiply a whole number by a fraction by using the associative property. 4 M4 Lesson 22: Solve word problems involving multiplication of a whole number by a fraction. 4 M4 Lesson 31: Multiply a whole number by a mixed number by using the distributive property. 4 M4 Lesson 32: Find fractions of a set by using arrays and tape diagrams. 4 M4 Lesson 33: Multiply a fraction less than 1 by a whole number. 4 M4 Lesson 34: Solve word problems involving multiplication of a fraction by a whole number.

Geometric Reasoning

MA.4.GR.1 Draw, classify and measure angles.

Florida's B.E.S.T. Standards for Mathematics	Aligned Components of *Eureka Math²* Florida
MA.4.GR.1.1 Informally explore angles as an attribute of two-dimensional figures. Identify and classify angles as acute, right, obtuse, straight or reflex.	4 M6 Lesson 5: Identify right, acute, obtuse, and straight angles. 4 M6 Lesson 6: Draw right, acute, obtuse, and straight angles. 4 M6 Lesson 7: Relate geometric figures to a real-world context. 4 M6 Lesson 8: Explore angles as fractional turns through a circle. 4 M6 Lesson 9: Use a circular protractor to recognize a $1°$ angle as a turn through $\frac{1}{360}$ of a circle. 4 M6 Lesson 13: Use a protractor to draw angles up to $180°$.
MA.4.GR.1.2 Estimate angle measures. Using a protractor, measure angles in whole-number degrees and draw angles of specified measure in whole-number degrees. Demonstrate that angle measure is additive.	4 M6 Lesson 9: Use a circular protractor to recognize a $1°$ angle as a turn through $\frac{1}{360}$ of a circle. 4 M6 Lesson 11: Use $180°$ protractors to measure angles. 4 M6 Lesson 12: Estimate and measure angles with a $180°$ protractor. 4 M6 Lesson 13: Use a protractor to draw angles up to $180°$. 4 M6 Lesson 14: Decompose angles by using pattern blocks. 4 M6 Lesson 15: Find unknown angle measures within right and straight angles. 4 M6 Lesson 16: Find unknown angle measures within a decomposed angle of up to $180°$.
MA.4.GR.1.3 Solve real-world and mathematical problems involving unknown whole-number angle measures. Write an equation to represent the unknown.	4 M6 Lesson 14: Decompose angles by using pattern blocks. 4 M6 Lesson 15: Find unknown angle measures within right and straight angles. 4 M6 Lesson 16: Find unknown angle measures within a decomposed angle of up to $180°$.

Geometric Reasoning

MA.4.GR.2 Solve problems involving the perimeter and area of rectangles.

Florida's B.E.S.T. Standards for Mathematics	Aligned Components of *Eureka Math²* Florida
MA.4.GR.2.1 Solve perimeter and area mathematical and real-world problems, including problems with unknown sides, for rectangles with whole-number side lengths.	4 M2 Lesson 4: Multiply by using an area model and the distributive property. 4 M2 Lesson 16: Find unknown side lengths in area and perimeter problems. 4 M2 Lesson 19: Apply area and perimeter formulas to solve problems.
MA.4.GR.2.2 Solve problems involving rectangles with the same perimeter and different areas or with the same area and different perimeters.	4 M2 Lesson 17: Solve problems to determine the perimeters of rectangles with the same area. 4 M2 Lesson 18: Solve problems to determine the areas of rectangles with the same perimeter.

Data Analysis and Probability

MA.4.DP.1 Collect, represent and interpret data and find the mode, median and range of a data set.

Florida's B.E.S.T. Standards for Mathematics	Aligned Components of *Eureka Math²* Florida
MA.4.DP.1.1 Collect and represent numerical data, including fractional values, using tables, stem-and-leaf plots or line plots.	4 M4 Lesson 29: Solve problems by using data from a line plot. 4 M4 Lesson 30: Represent data on a line plot. 4 M6 Lesson 1: Collect and represent data by using stem-and-leaf plots. 4 M6 Lesson 4: Collect, represent, and interpret data.
MA.4.DP.1.2 Determine the mode, median or range to interpret numerical data including fractional values, represented with tables, stem-and-leaf plots or line plots.	4 M4 Lesson 29: Solve problems by using data from a line plot. 4 M4 Lesson 30: Represent data on a line plot. 4 M6 Lesson 2: Determine and interpret the mode, median, and range of a given data set. 4 M6 Lesson 4: Collect, represent, and interpret data.

Florida's B.E.S.T. Standards for Mathematics	Aligned Components of *Eureka Math²* Florida
MA.4.DP.1.3 Solve real-world problems involving numerical data.	4 M6 Lesson 1: Collect and represent data by using stem-and-leaf plots. 4 M6 Lesson 4: Collect, represent, and interpret data.

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.	4 M1 Lesson 8: Write numbers to $1{,}000{,}000$ in unit form and expanded form by using place value structure. 4 M1 Lesson 13: Find 1, 10, and 100 thousand more than and less than a given number. 4 M1 Lesson 16: Round multi-digit numbers to any place. 4 M1 Lesson 19: Estimate by rounding to assess the reasonableness of differences. 4 M1 Lesson 22: Determine and explain whether an equation involving addition and/or subtraction is true or false. 4 M1 Lesson 25: Express metric measurements of length in terms of larger units. 4 M2 Lesson 1: Determine and explain whether an equation involving any of the four operations is true or false. 4 M2 Lesson 3: Multiply with regrouping by using place value strategies and the distributive property. 4 M2 Lesson 9: Divide two-digit numbers by one-digit numbers by using an area model. 4 M2 Lesson 10: Divide three-digit numbers by one-digit numbers by using an area model.

English Language Arts Expectations	Aligned Components of *Eureka Math²* Florida
ELA.K12.EE.1.1 *continued*	4 M2 Lesson 21: Use division and the associative property of multiplication to find factors. 4 M2 Lesson 24: Explore properties of prime and composite numbers up to 100 by using multiples. 4 M3 Lesson 3: Multiply a two-digit multiple of 10 by a two-digit multiple of 10. 4 M3 Lesson 7: Represent division by using partial quotients. 4 M3 Lesson 13: Apply place value strategies to multiply two-digit numbers by two-digit numbers. 4 M3 Lesson 16: Multiply two-digit numbers by two-digit numbers by using the standard algorithm. 4 M4 Lesson 1: Decompose fractions into a sum of fractions. 4 M4 Lesson 3: Decompose fractions greater than 1 in multiple ways. 4 M4 Lesson 7: Generate equivalent fractions with smaller units for non-unit fractions. 4 M4 Lesson 10: Generate equivalent fractions for fractions greater than 1 and generate equivalent mixed numbers. 4 M4 Lesson 12: Compare fractions with related denominators. 4 M4 Lesson 13: Compare fractions with related numerators. 4 M4 Lesson 20: Decompose non-unit fractions into a product of a whole number and a unit fraction. 4 M4 Lesson 25: Subtract a fraction from a mixed number, part 1. 4 M4 Lesson 33: Multiply a fraction less than 1 by a whole number. 4 M5 Lesson 1: Organize, count, and represent a collection of money. 4 M5 Lesson 6: Represent hundredths as a place value unit. 4 M5 Lesson 12: Apply fraction equivalence to add tenths and hundredths. 4 M5 Lesson 16: Add decimal numbers by using place value understanding. 4 M5 Lesson 18: Subtract decimal numbers by using place value understanding. 4 M6 Lesson 5: Identify right, acute, obtuse, and straight angles. 4 M6 Lesson 16: Find unknown angle measures within a decomposed angle of up to $180°$.
ELA.K12.EE.2.1 Read and comprehend grade-level complex texts proficiently.	4 M1 Lesson 18: Solve two-step addition word problems. 4 M1 Lesson 20: Solve two-step subtraction word problems. 4 M2 Lesson 6: Solve multiplication word problems. 4 M2 Lesson 14: Express measurements of length in terms of smaller units. 4 M2 Lesson 16: Find unknown side lengths in area and perimeter problems. 4 M2 Lesson 25: Use relationships within a pattern to find an unknown term in the sequence. 4 M3 Lesson 17: Solve multiplication word problems by using various methods. 4 M3 Lesson 25: Express units of time in terms of both smaller and larger units. 4 M3 Lesson 26: Solve time word problems where the change in time is unknown. 4 M3 Lesson 29: Solve multi-step word problems and interpret remainders.

English Language Arts Expectations	Aligned Components of *Eureka Math²* Florida
ELA.K12.EE.2.1 *continued*	4 M4 Lesson 16: Estimate sums and differences of fractions by using benchmarks. 4 M4 Lesson 19: Solve addition and subtraction word problems and estimate the reasonableness of the answers. 4 M4 Lesson 22: Solve word problems involving multiplication of a whole number by a fraction. 4 M4 Lesson 28: Represent and solve word problems with mixed numbers by using drawings and equations. 4 M4 Lesson 34: Solve word problems involving multiplication of a fraction by a whole number. 4 M5 Lesson 3: Represent tenths as a place value unit. 4 M5 Lesson 14: Solve word problems with tenths and hundredths. 4 M5 Lesson 19: Solve word problems involving addition and subtraction of decimal numbers and money. 4 M6 Lesson 2: Determine and interpret the mode, median, and range of a given data set.
ELA.K12.EE.3.1 Make inferences to support comprehension.	4 M1 Lesson 1: Interpret multiplication as multiplicative comparison. 4 M1 Lesson 4: Represent the composition of larger units of money by using multiplicative comparison. 4 M1 Lesson 17: Estimate by rounding to assess the reasonableness of sums. 4 M1 Lesson 26: Express metric measurements of mass and liquid volume in terms of smaller units. 4 M2 Lesson 18: Solve problems to determine the areas of rectangles with the same perimeter. 4 M2 Lesson 20: Find factor pairs for numbers up to 144 and use factors to identify numbers as prime or composite. 4 M2 Lesson 23: Recognize that a number is a multiple of each of its factors. 4 M3 Lesson 10: Represent multiplication by using partial products. 4 M3 Lesson 19: Explore multi-digit multiplication by using estimation, rounding, and place value. 4 M3 Lesson 20: Explore multi-digit division by using estimation, rounding, and place value. 4 M3 Lesson 24: Express customary measurements of liquid volume in terms of both smaller and larger units. 4 M3 Lesson 28: Represent, estimate, and solve division word problems. 4 M4 Lesson 6: Generate equivalent fractions with smaller units for unit fractions. 4 M4 Lesson 11: Compare fractions by using the benchmarks 0, $\frac{1}{2}$, and 1. 4 M4 Lesson 21: Multiply a whole number by a fraction by using the associative property. 4 M4 Lesson 24: Add a mixed number to a mixed number. 4 M4 Lesson 27: Subtract a mixed number from a mixed number. 4 M5 Lesson 7: Write mixed numbers in decimal form with hundredths.

English Language Arts Expectations	Aligned Components of *Eureka Math²* Florida
ELA.K12.EE.3.1 *continued*	4 M5 Lesson 9: Compare measurements expressed as decimal numbers. 4 M5 Lesson 11: Compare and order decimal numbers. 4 M5 Lesson 17: Subtract decimal numbers by using different methods. 4 M6 Lesson 4: Collect, represent, and interpret data. 4 M6 Lesson 10: Identify and measure angles as turns and recognize them in various contexts.
ELA.K12.EE.4.1 Use appropriate collaborative techniques and active listening skills when engaging in discussions in a variety of situations.	4 M1 Lesson 3: Describe relationships between measurements by using multiplicative comparison. 4 M1 Lesson 7: Demonstrate that a digit represents $\frac{1}{10}$ as much as what it represents in the place to its left. 4 M1 Lesson 10: Compare numbers within $1{,}000{,}000$ by using $>$, $=$, and $<$. 4 M1 Lesson 11: Plot, order, and compare within $1{,}000{,}000$ on a scaled number line. 4 M1 Lesson 15: Round to the nearest ten thousand and hundred thousand. 4 M2 Lesson 4: Multiply by using an area model and the distributive property. 4 M2 Lesson 5: Multiply by applying the distributive property and write equations. 4 M2 Lesson 7: Multiply by applying simplifying strategies. 4 M2 Lesson 15: Express measurements of length in terms of larger units. 4 M3 Lesson 1: Divide multiples of 100 and 1000. 4 M3 Lesson 5: Apply place value strategies to divide thousands, hundreds, tens, and ones. 4 M3 Lesson 6: Connect pictorial representations of division to long division. 4 M3 Lesson 9: Apply place value strategies to multiply three-digit numbers by one-digit numbers. 4 M3 Lesson 11: Multiply by using various recording methods in vertical form. 4 M3 Lesson 15: Multiply with two partial products. 4 M3 Lesson 22: Express customary measurements of weight in terms of both smaller and larger units. 4 M3 Lesson 30: Express a remainder as a fraction. 4 M4 Lesson 2: Represent fractions by using various fraction models. 4 M4 Lesson 4: Decompose mixed numbers in multiple ways. 4 M4 Lesson 14: Generate a common numerator or denominator to compare fractions. 4 M4 Lesson 18: Subtract a fraction from a whole number. 4 M4 Lesson 23: Add a fraction to a mixed number. 4 M4 Lesson 26: Subtract a fraction from a mixed number, part 2. 4 M5 Lesson 15: Add decimal numbers by using different methods. 4 M6 Lesson 3: Measure length to the nearest eighth inch and sixteenth inch. 4 M6 Lesson 11: Use $180°$ protractors to measure angles. 4 M6 Lesson 14: Decompose angles by using pattern blocks."

English Language Arts Expectations	Aligned Components of *Eureka Math²* Florida
ELA.K12.EE.5.1 Use the accepted rules governing a specific format to create quality work.	4 M1 Lesson 14: Round four-digit numbers to the nearest thousand, hundred, and ten. 4 M1 Lesson 21: Solve two-step word problems by using addition and subtraction. 4 M2 Lesson 11: Divide two-digit numbers by one-digit numbers by using place value strategies. 4 M2 Lesson 13: Divide by using different strategies. 4 M2 Lesson 17: Solve problems to determine the perimeters of rectangles with the same area. 4 M3 Lesson 2: Multiply by multiples of 100 and 1000. 4 M3 Lesson 8: Choose and apply a method to divide multi-digit numbers. 4 M3 Lesson 14: Multiply with four partial products. 4 M3 Lesson 23: Measure liquid volume in customary units. 4 M3 Lesson 27: Find whole-number quotients and remainders. 4 M4 Lesson 8: Generate equivalent fractions with larger units. 4 M4 Lesson 9: Represent equivalent fractions by using tape diagrams, number lines, and multiplication or division. 4 M4 Lesson 17: Add and subtract fractions with like units." 4 M4 Lesson 30: Represent data on a line plot. 4 M4 Lesson 31: Multiply a whole number by a mixed number by using the distributive property. 4 M5 Lesson 10: Use pictorial representations to compare decimal numbers. 4 M5 Lesson 13: Apply fraction equivalence to add mixed numbers with tenths and hundredths. 4 M6 Lesson 1: Collect and represent data by using stem-and-leaf plots. 4 M6 Lesson 7: Relate geometric figures to a real-world context. 4 M6 Lesson 12: Estimate and measure angles with a $180°$ protractor.
ELA.K12.EE.6.1 Use appropriate voice and tone when speaking or writing.	4 M1 Lesson 2: Solve multiplicative comparison problems with unknowns in various positions. 4 M1 Lesson 5: Organize, count, and represent a collection of objects. 4 M1 Lesson 6: Demonstrate that a digit represents 10 times the value of what it represents in the place to its right. 4 M1 Lesson 9: Write numbers to $1{,}000{,}000$ in standard form and word form. 4 M1 Lesson 12: Name numbers by using place value understanding. 4 M1 Lesson 23: Measure lengths by using different metric units. 4 M1 Lesson 24: Express metric measurements of length in terms of smaller units. 4 M2 Lesson 2: Multiply by using place value strategies and the distributive property. 4 M2 Lesson 8: Divide two- and three-digit multiples of 10 by one-digit numbers. 4 M2 Lesson 12: Divide three-digit numbers by one-digit numbers by using place value strategies. 4 M2 Lesson 19: Apply area and perimeter formulas to solve problems.

English Language Arts Expectations	Aligned Components of *Eureka Math²* Florida
ELA.K12.EE.6.1 *continued*	4 M2 Lesson 22: Apply divisibility rules to determine factors of a number. 4 M3 Lesson 4: Apply place value strategies to divide hundreds, tens, and ones. 4 M3 Lesson 12: Multiply two-digit numbers by two-digit multiples of 10. 4 M3 Lesson 18: Multiply three-digit numbers by two-digit numbers by using the distributive property. 4 M3 Lesson 21: Measure weight in customary units. 4 M3 Lesson 31: Solve multi-step word problems and assess the reasonableness of solutions. 4 M4 Lesson 5: Rename fractions as a sum of equivalent smaller unit fractions. 4 M4 Lesson 15: Apply fraction comparison strategies to compare fractions greater than 1. 4 M4 Lesson 29: Solve problems by using data from a line plot. 4 M4 Lesson 32: Find fractions of a set by using arrays and tape diagrams. 4 M4 Lesson 35: Apply fraction multiplication to place value relationships. 4 M5 Lesson 2: Decompose 1 one and express tenths in fraction form and decimal form. 4 M5 Lesson 4: Write mixed numbers in decimal form with tenths. 4 M5 Lesson 5: Decompose 1 one and express hundredths in fraction form and decimal form. 4 M5 Lesson 8: Represent decimal numbers in expanded form." 4 M6 Lesson 6: Draw right, acute, obtuse, and straight angles. 4 M6 Lesson 8: Explore angles as fractional turns through a circle. 4 M6 Lesson 9: Use a circular protractor to recognize a $1°$ angle as a turn through $\frac{1}{360}$ of a circle. 4 M6 Lesson 13: Use a protractor to draw angles up to $180°$. 4 M6 Lesson 15: Find unknown angle measures within right and straight angles.

English Language Development Standards

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

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.	4 M1 Lesson 16: Round multi-digit numbers to any place. 4 M1 Lesson 24: Express metric measurements of length in terms of smaller units. 4 M2 Lesson 16: Find unknown side lengths in area and perimeter problems. 4 M2 Lesson 18: Solve problems to determine the areas of rectangles with the same perimeter. 4 M3 Lesson 16: Multiply two-digit numbers by two-digit numbers by using the standard algorithm. 4 M3 Lesson 26: Solve time word problems where the change in time is unknown. 4 M4 Lesson 16: Estimate sums and differences of fractions by using benchmarks. 4 M4 Lesson 29: Solve problems by using data from a line plot. 4 M5 Lesson 7: Write mixed numbers in decimal form with hundredths. 4 M5 Lesson 17: Subtract decimal numbers by using different methods. 4 M6 Lesson 6: Draw right, acute, obtuse, and straight angles. 4 M6 Lesson 12: Estimate and measure angles with a $180°$ protractor.
ELD.K12.ELL.SI.1 English language learners communicate for social and instructional purposes within the school setting.	4 M1 Lesson 12: Name numbers by using place value understanding. 4 M1 Lesson 22: Determine and explain whether an equation involving addition and/or subtraction is true or false. 4 M2 Lesson 11: Divide two-digit numbers by one-digit numbers by using place value strategies. 4 M2 Lesson 20: Find factor pairs for numbers up to 144 and use factors to identify numbers as prime or composite. 4 M3 Lesson 7: Represent division by using partial quotients. 4 M3 Lesson 31: Solve multi-step word problems and assess the reasonableness of solutions. 4 M4 Lesson 15: Apply fraction comparison strategies to compare fractions greater than 1. 4 M4 Lesson 28: Represent and solve word problems with mixed numbers by using drawings and equations. 4 M5 Lesson 13: Apply fraction equivalence to add mixed numbers with tenths and hundredths. 4 M5 Lesson 18: Subtract decimal numbers by using place value understanding. 4 M6 Lesson 3: Measure length to the nearest eighth inch and sixteenth inch. 4 M6 Lesson 16: Find unknown angle measures within a decomposed angle of up to $180°$.