Grade K | 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.	K M1 Lesson 6: Organize, count, and represent a collection of objects. K M1 Lesson 19: Organize, count, and represent a collection of objects. K M2 Lesson 9: Match solid shapes to their two-dimensional faces. K M2 Lesson 15: Communicate the position of composed solid shapes by using position words. K M3 Lesson 3: Compare lengths of complex objects by using *longer than, shorter than,* and *about the same length as.* K M3 Lesson 18: Count and compare sets in pictures. K M3 Lesson 22: Describe and compare several measurable attributes of objects and sets. K M4 Lesson 14: Model *take apart with both addends unknown* situations. K M5 Lesson 15: Identify the action in a problem to represent and solve it. K M5 Lesson 17: Reason about different units to solve story problems. K M6 Lesson 10: Make sense of word problems involving teen numbers. K M6 Lesson 19: Count and compare sets with more than 10 objects.
MA.K12.MTR.2.1 Demonstrate understanding by representing problems in multiple ways.	K M1 Lesson 2: Classify objects into two categories. K M1 Lesson 7: Practice counting accurately. K M1 Lesson 8: Count sets in linear, array, and scattered configurations. K M1 Lesson 10: Count out a group of objects to match a numeral. K M1 Lesson 12: Write numerals 4 and 5 to answer *how many* questions. K M1 Lesson 14: Understand the meaning of zero and write the numeral. K M1 Lesson 16: Decompose a set shown in a picture. K M1 Lesson 17: Model story problems. K M1 Lesson 18: Model story problems and identify the numeral referents. K M1 Lesson 22: Count sets in scattered configurations and match to a numeral. K M1 Lesson 24: Count out a group of objects to match a numeral. K M1 Lesson 25: Write numerals 6 and 7. K M1 Lesson 27: Write numerals 9 and 10. K M2 Lesson 1: Find and describe attributes of flat shapes. K M2 Lesson 7: Name solid shapes and discuss their attributes. K M2 Lesson 13: Draw flat shapes. K M3 Lesson 6: Compose cube sticks that are the same length. K M3 Lesson 8: Compare weights by using *heavier than, lighter than,* and *about the same weight as.* K M3 Lesson 10: Use a balance scale to compare an object to a group of cubes.

Mathematical Thinking and Reasoning Standards	Aligned Components of *Eureka Math²* Florida
MA.K12.MTR.2.1 *continued*	K M3 Lesson 15: Use number to compare sets with like units. K M3 Lesson 17: Count and compare sets with unlike units. K M3 Lesson 19: Compare the capacity of containers by using numerals. K M4 Lesson 4: Decompose a group and record parts and total by using a number bond. K M4 Lesson 11: Model *put together with total unknown* story problems. K M4 Lesson 13: Choose a math tool to solve *put together with total unknown* story problems. K M4 Lesson 15: Choose a math tool to solve *take apart with both addends unknown* situations. K M5 Lesson 1: Represent *add to with result unknown* story problems by using drawings and numbers. K M5 Lesson 3: Represent and solve *add to with result unknown* story problems. K M5 Lesson 5: Represent *take apart with both addends unknown* situations with a number sentence. K M5 Lesson 7: Find the total in an addition sentence. K M5 Lesson 9: Represent *take from with result unknown* story problems by using drawings and numbers. K M5 Lesson 10: Represent and solve *take from with result unknown* story problems. K M5 Lesson 14: Find the difference in a subtraction sentence. K M5 Lesson 21: Organize drawings to solve problems efficiently. K M5 Lesson 24: Use a pattern to make a prediction. K M6 Lesson 6: Count out a group of objects to match a numeral. K M6 Lesson 8: Represent teen number compositions and decompositions as addition sentences. K M6 Lesson 17: Count within and across decades when counting by ones, part 2.
MA.K12.MTR.3.1 Complete tasks with mathematical fluency.	K M1 Lesson 1: Compare objects based on their attributes. K M1 Lesson 11: Write numerals 1–3 to answer *how many* questions. K M1 Lesson 15: Sort the same group of objects in more than one way and count. K M1 Lesson 21: Count sets in circular configurations and match to a numeral. K M2 Lesson 4: Classify shapes as rectangles or nonrectangles, with square rectangles as a special case. K M2 Lesson 12: Construct solid shapes by using a square base. K M2 Lesson 14: Compose flat shapes. K M3 Lesson 1: Align endpoints to compare lengths by using *taller than* and *shorter than*. K M3 Lesson 2: Compare lengths of simple straight objects by using *longer than, shorter than,* and *about the same length as*. K M3 Lesson 4: Compare the lengths of cube sticks to flat shapes.

Mathematical Thinking and Reasoning Standards	Aligned Components of *Eureka Math²* Florida
MA.K12.MTR.3.1 *continued*	K M3 Lesson 13: Relate *more* and *fewer* to length. K M3 Lesson 20: Compare numbers by using *greater than, less than,* and *equal to.* K M4 Lesson 2: Decompose flat shapes and count the parts. K M4 Lesson 7: Find partners to 5. K M4 Lesson 9: Compose shapes in more than one way. K M5 Lesson 4: Represent decomposition situations by using number bonds and addition sentences. K M6 Lesson 12: Count by tens. K M6 Lesson 13: Count by tens by using math tools.
MA.K12.MTR.4.1 Engage in discussions that reflect on the mathematical thinking of self and others.	K M1 Lesson 5: Classify objects into three categories, count, and match to a numeral. K M1 Lesson 13: Count out enough objects and write the numeral. K M2 Lesson 4: Classify shapes as rectangles or nonrectangles, with square rectangles as a special case. K M2 Lesson 11: Construct and classify polygons. K M3 Lesson 9: Use a balance scale to compare two objects. K M3 Lesson 14: Compare sets by using *more than, fewer than,* and *the same number as.* K M3 Lesson 16: Classify flat shapes into groups and compare the number of shapes in each group. K M3 Lesson 21: Compare two numbers in story situations. K M4 Lesson 1: Compose flat shapes and count the parts. K M5 Lesson 6: Tell addition story problems starting from number sentence models. K M5 Lesson 13: Tell subtraction story problems starting from number sentence models. K M5 Lesson 20: Find the number that makes 10 and record with a number sentence. K M6 Lesson 5: Reason about a number's position in the number sequence. K M6 Lesson 16: Count within and across decades when counting by ones, part 1. K M6 Lesson 18: Compare totals in story situations.
MA.K12.MTR.5.1 Use patterns and structure to help understand and connect mathematical concepts.	K M1 Lesson 3: Classify objects into two categories and count. K M1 Lesson 9: Conserve number regardless of the arrangement of objects. K M1 Lesson 20: Count objects in 5-group and array configurations and match to a numeral. K M1 Lesson 23: Conserve number regardless of the order in which objects are counted. K M1 Lesson 26: Write numeral 8. K M1 Lesson 28: Order numerals 1–10 and reason about an unknown number in the number sequence. K M1 Lesson 29: Model the pattern of 1 more in the forward count sequence.

Mathematical Thinking and Reasoning Standards	Aligned Components of *Eureka Math²* Florida
MA.K12.MTR.5.1 *continued*	K M1 Lesson 30: Build number stairs to show the pattern of 1 more in the forward count sequence. K M1 Lesson 31: Model the pattern of 1 less in the backward count sequence. K M1 Lesson 32: Build number stairs to show the pattern of 1 less in the backward count sequence. K M2 Lesson 3: Classify shapes as circles, hexagons, or neither. K M2 Lesson 5: Communicate the position of flat shapes by using ordinal number words. K M2 Lesson 6: Distinguish between flat and solid shapes. K M2 Lesson 8: Classify solid shapes based on the ways they can be moved. K M2 Lesson 10: Construct a circle. K M3 Lesson 12: Observe conservation of weight on the balance scale. K M4 Lesson 6: Decompose a number in more than one way and record. K M4 Lesson 9: Compose shapes in more than one way. K M4 Lesson 16: Compose and decompose numbers and shapes. K M4 Lesson 17: Use the structure of 5 and 10 to build a rekenrek. K M5 Lesson 2: Relate number sentences and number bonds through story problems. K M5 Lesson 8: Understand taking away as a type of subtraction. K M5 Lesson 11: Represent decomposition situations by using number bonds and subtraction sentences. K M5 Lesson 16: Relate addition and subtraction through word problems. K M5 Lesson 18: Count on to find the total. K M5 Lesson 23: Identify and extend linear patterns. K M5 Lesson 24: Use a pattern to make a prediction. K M5 Lesson 25: Solve story problems by using repeated reasoning. K M5 Lesson 26: Extend growing patterns. K M5 Lesson 27: Reason about numbers to add and subtract. K M6 Lesson 1: Describe teen numbers as 10 ones and ___ ones. K M6 Lesson 2: Find 10 ones in a teen number. K M6 Lesson 3: Write numerals 11–20. K M6 Lesson 4: Order numerals 0–20. K M6 Lesson 6: Count out a group of objects to match a numeral. K M6 Lesson 7: Decompose numbers 10–20 with 10 as a part. K M6 Lesson 11: Represent teen number decompositions as 10 and some ones and find a hidden part. K M6 Lesson 14: Use the structure of ten to count to 100.

Mathematical Thinking and Reasoning Standards	Aligned Components of *Eureka Math²* Florida
MA.K12.MTR.5.1 *continued*	K M6 Lesson 15: Use patterns in the number sequence to count by ones within 100. K M6 Lesson 21: Compare lengths of objects by using 10-sticks and individual cubes. K M6 Lesson 22: Organize, count, and represent a collection of objects.
MA.K12.MTR.6.1 Assess the reasonableness of solutions.	K M1 Lesson 33: Organize, count, and represent a collection of objects. K M2 Lesson 2: Classify shapes as triangles or nontriangles. K M3 Lesson 7: Measure the lengths of objects with nonstandard units. K M4 Lesson 10: Sort and record the decomposition with a number bond. K M5 Lesson 22: Investigate different ways to represent equality. K M6 Lesson 20: Compare numbers to 20 written as numerals.
MA.K12.MTR.7.1 Apply mathematics to real-world contexts.	K M1 Lesson 4: Classify objects into three categories and count. K M1 Lesson 17: Model story problems. K M2 Lesson 16: Organize, count, and represent a collection of objects. K M3 Lesson 5: Compare the lengths of two cube sticks. K M3 Lesson 11: Use a balance scale to compare an object to different units. K M4 Lesson 3: Decompose a group to identify parts and total. K M4 Lesson 5: Sort to decompose a number in more than one way. K M4 Lesson 8: Find partners to 10. K M4 Lesson 12: Draw to represent *put together with total unknown* story problems. K M5 Lesson 12: Relate parts to total in subtraction situations. K M5 Lesson 19: Represent and solve *take from with change unknown* problems. (TE 250) K M5 Lesson 21: Organize drawings to solve problems efficiently. K M6 Lesson 9: Represent teen number decompositions as subtraction sentences. K M6 Lesson 11: Represent teen number decompositions as 10 and some ones and find a hidden part.

Number Sense and Operations

MA.K.NSO.1 Develop an understanding for counting using objects in a set.

Florida's B.E.S.T. Standards for Mathematics	Aligned Components of *Eureka Math²* Florida
MA.K.NSO.1.1 Given a group of up to 20 objects, count the number of objects in that group and represent the number of objects with a written numeral. State the number of objects in a rearrangement of that group without recounting.	K M1 Lesson 3: Classify objects into two categories and count. K M1 Lesson 5: Classify objects into three categories, count, and match to a numeral. K M1 Lesson 6: Organize, count, and represent a collection of objects. K M1 Lesson 7: Practice counting accurately. K M1 Lesson 8: Count sets in linear, array, and scattered configurations. K M1 Lesson 9: Conserve number regardless of the arrangement of objects. K M1 Lesson 11: Write numerals 1–3 to answer *how many* questions. K M1 Lesson 12: Write numerals 4 and 5 to answer *how many* questions. K M1 Lesson 13: Count out enough objects and write the numeral. K M1 Lesson 14: Understand the meaning of zero and write the numeral. K M1 Lesson 19: Organize, count, and represent a collection of objects. K M1 Lesson 20: Count objects in 5-group and array configurations and match to a numeral. K M1 Lesson 21: Count sets in circular configurations and match to a numeral. K M1 Lesson 22: Count sets in scattered configurations and match to a numeral. K M1 Lesson 23: Conserve number regardless of the order in which objects are counted. K M1 Lesson 25: Write numerals 6 and 7. K M1 Lesson 26: Write numeral 8. K M1 Lesson 27: Write numerals 9 and 10. K M1 Lesson 33: Organize, count, and represent a collection of objects. K M6 Lesson 1: Describe teen numbers as 10 ones and ___ ones. K M6 Lesson 3: Write numerals 11–20. K M6 Lesson 7: Decompose numbers 10–20 with 10 as a part.
MA.K.NSO.1.2 Given a number from 0 to 20, count out that many objects.	K M1 Lesson 10: Count out a group of objects to match a numeral. K M1 Lesson 24: Count out a group of objects to match a numeral. K M6 Lesson 6: Count out a group of objects to match a numeral.

Florida's B.E.S.T. Standards for Mathematics	Aligned Components of *Eureka Math²* Florida
MA.K.NSO.1.3 Identify positions of objects within a sequence using the words "first," "second," "third," "fourth" or "fifth."	K M2 Lesson 5: Communicate the position of flat shapes by using ordinal number words. K M5 Lesson 26: Extend growing patterns.
MA.K.NSO.1.4 Compare the number of objects from 0 to 20 in two groups using the terms less than, equal to or greater than.	K M3 Lesson 13: Relate *more* and *fewer* to length. K M3 Lesson 14: Compare sets by using *more than, fewer than,* and *the same number as.* K M3 Lesson 15: Use number to compare sets with like units. K M3 Lesson 17: Count and compare sets with unlike units. K M3 Lesson 18: Count and compare sets in pictures. K M3 Lesson 22: Describe and compare several measurable attributes of objects and sets.

Number Sense and Operations

MA.K.NSO.2 Recite number names sequentially within 100 and develop an understanding for place value.

Florida's B.E.S.T. Standards for Mathematics	Aligned Components of *Eureka Math²* Florida
MA.K.NSO.2.1 Recite the number names to 100 by ones and by tens. Starting at a given number, count forward within 100 and backward within 20.	K M1 Lesson 4: Classify objects into three categories and count. K M1 Lesson 6: Organize, count, and represent a collection of objects. K M1 Lesson 12: Write numerals 4 and 5 to answer *how many* questions. K M1 Lesson 19: Organize, count, and represent a collection of objects. K M1 Lesson 26: Write numeral 8. K M1 Lesson 28: Order numerals 1–10 and reason about an unknown number in the number sequence. K M1 Lesson 29: Model the pattern of 1 more in the forward count sequence. K M1 Lesson 30: Build number stairs to show the pattern of 1 more in the forward count sequence. K M1 Lesson 31: Model the pattern of 1 less in the backward count sequence. K M1 Lesson 32: Build number stairs to show the pattern of 1 less in the backward count sequence. K M1 Lesson 33: Organize, count, and represent a collection of objects. K M5 Lesson 18: Count on to find the total. K M5 Lesson 23: Identify and extend linear patterns.

Florida's B.E.S.T. Standards for Mathematics	Aligned Components of *Eureka Math²* Florida
MA.K.NSO.2.1 *continued*	K M5 Lesson 24: Use a pattern to make a prediction. K M6 Lesson 2: Find 10 ones in a teen number. K M6 Lesson 4: Order numerals 0–20. K M6 Lesson 5: Reason about a number's position in the number sequence.
MA.K.NSO.2.2 Represent whole numbers from 10 to 20, using a unit of ten and a group of ones, with objects, drawings and expressions or equations.	K M6 Lesson 1: Describe teen numbers as 10 ones and ___ ones. K M6 Lesson 2: Find 10 ones in a teen number. K M6 Lesson 3: Write numerals 11–20. K M6 Lesson 4: Order numerals 0–20. K M6 Lesson 6: Count out a group of objects to match a numeral. K M6 Lesson 7: Decompose numbers 10–20 with 10 as a part. K M6 Lesson 8: Represent teen number compositions and decompositions as addition sentences. K M6 Lesson 9: Represent teen number decompositions as subtraction sentences. K M6 Lesson 10: Make sense of word problems involving teen numbers. K M6 Lesson 11: Represent teen number decompositions as 10 and some ones and find a hidden part.
MA.K.NSO.2.3 Locate, order and compare numbers from 0 to 20 using the number line and terms less than, equal to or greater than.	K M3 Lesson 19: Compare the capacity of containers by using numerals. K M3 Lesson 20: Compare numbers by using *greater than, less than,* and *equal to.* K M3 Lesson 21: Compare two numbers in story situations. K M6 Lesson 4: Order numerals 0–20. K M6 Lesson 5: Reason about a number's position in the number sequence.

Number Sense and Operations

MA.K.NSO.3 Develop an understanding of addition and subtraction operations with one-digit whole numbers.

Florida's B.E.S.T. Standards for Mathematics	Aligned Components of *Eureka Math²* Florida
MA.K.NSO.3.1 Explore addition of two whole numbers from 0 to 10, and related subtraction facts.	K M4 Lesson 3: Decompose a group to identify parts and total. K M4 Lesson 4: Decompose a group and record parts and total by using a number bond. K M4 Lesson 6: Decompose a number in more than one way and record. K M4 Lesson 7: Find partners to 5. K M4 Lesson 10: Sort and record the decomposition with a number bond. K M4 Lesson 11: Model *put together with total unknown* story problems. K M4 Lesson 15: Choose a math tool to solve *take apart with both addends unknown* situations. K M5 Lesson 1: Represent *add to with result unknown* story problems by using drawings and numbers. K M5 Lesson 2: Relate number sentences and number bonds through story problems. K M5 Lesson 3: Represent and solve *add to with result unknown* story problems. K M5 Lesson 4: Represent decomposition situations by using number bonds and addition sentences. K M5 Lesson 5: Represent *take apart with both addends unknown* situations with a number sentence. K M5 Lesson 6: Tell addition story problems starting from number sentence models. K M5 Lesson 7: Find the total in an addition sentence. K M5 Lesson 8: Understand taking away as a type of subtraction. K M5 Lesson 9: Represent *take from with result unknown* story problems by using drawings and numbers. K M5 Lesson 10: Represent and solve *take from with result unknown* story problems. K M5 Lesson 11: Represent decomposition situations by using number bonds and subtraction sentences. K M5 Lesson 12: Relate parts to total in subtraction situations. K M5 Lesson 13: Tell subtraction story problems starting from number sentence models. K M5 Lesson 14: Find the difference in a subtraction sentence. K M5 Lesson 15: Identify the action in a problem to represent and solve it. K M5 Lesson 16: Relate addition and subtraction through word problems. K M5 Lesson 19: Represent and solve *take from with change unknown* problems. K M5 Lesson 21: Organize drawings to solve problems efficiently. K M5 Lesson 25: Solve story problems by using repeated reasoning. K M5 Lesson 27: Reason about numbers to add and subtract.

Florida's B.E.S.T. Standards for Mathematics	Aligned Components of *Eureka Math²* Florida
MA.K.NSO.3.2 Add two one-digit whole numbers with sums from 0 to 10 and subtract using related facts with procedural reliability.	K M5 Lesson 3: Represent and solve *add to with result unknown* story problems. K M5 Lesson 7: Find the total in an addition sentence. K M5 Lesson 10: Represent and solve *take from with result unknown* story problems. K M5 Lesson 12: Relate parts to total in subtraction situations. K M5 Lesson 14: Find the difference in a subtraction sentence. K M5 Lesson 15: Identify the action in a problem to represent and solve it. K M5 Lesson 16: Relate addition and subtraction through word problems. K M5 Lesson 17: Reason about different units to solve story problems.

Algebraic Reasoning

MA.K.AR.1 Represent and solve addition problems with sums between 0 and 10 and subtraction problems using related facts.

Florida's B.E.S.T. Standards for Mathematics	Aligned Components of *Eureka Math²* Florida
MA.K.AR.1.1 For any number from 1 to 9, find the number that makes 10 when added to the given number.	K M5 Lesson 20: Find the number that makes 10 and record with a number sentence. K M5 Lesson 27: Reason about numbers to add and subtract.
MA.K.AR.1.2 Given a number from 0 to 10, find the different ways it can be represented as the sum of two numbers.	K M4 Lesson 5: Sort to decompose a number in more than one way. K M4 Lesson 6: Decompose a number in more than one way and record. K M4 Lesson 7: Find partners to 5. K M4 Lesson 8: Find partners to 10. K M5 Lesson 4: Represent decomposition situations by using number bonds and addition sentences.

Florida's B.E.S.T. Standards for Mathematics	Aligned Components of *Eureka Math²* Florida
MA.K.AR.1.3 Solve addition and subtraction real-world problems using objects, drawings or equations to represent the problem.	K M4 Lesson 11: Model *put together with total unknown* story problems. K M4 Lesson 12: Draw to represent *put together with total unknown* story problems. K M4 Lesson 13: Choose a math tool to solve *put together with total unknown* story problems. K M4 Lesson 14: Model *take apart with both addends unknown* situations. K M4 Lesson 15: Choose a math tool to solve *take apart with both addends unknown* situations. K M4 Lesson 16: Compose and decompose numbers and shapes. K M5 Lesson 3: Represent and solve *add to with result unknown* story problems. K M5 Lesson 5: Represent *take apart with both addends unknown* situations with a number sentence. K M5 Lesson 10: Represent and solve *take from with result unknown* story problems. K M5 Lesson 12: Relate parts to total in subtraction situations. K M5 Lesson 15: Identify the action in a problem to represent and solve it. K M5 Lesson 16: Relate addition and subtraction through word problems. K M5 Lesson 17: Reason about different units to solve story problems. K M6 Lesson 8: Represent teen number compositions and decompositions as addition sentences. K M6 Lesson 9: Represent teen number decompositions as subtraction sentences. K M6 Lesson 10: Make sense of word problems involving teen numbers. K M6 Lesson 11: Represent teen number decompositions as 10 and some ones and find a hidden part.

Algebraic Reasoning

MA.K.AR.2 Develop an understanding of the equal sign.

Florida's B.E.S.T. Standards for Mathematics	Aligned Components of *Eureka Math²* Florida
MA.K.AR.2.1 Explain why addition or subtraction equations are true using objects or drawings.	K M5 Lesson 22: Investigate different ways to represent equality.

Measurement

MA.K.M.1 Identify and compare measurable attributes of objects.

Florida's B.E.S.T. Standards for Mathematics	Aligned Components of *Eureka Math²* Florida
MA.K.M.1.1 Identify the attributes of a single object that can be measured such as length, volume or weight.	K M3 Lesson 1: Align endpoints to compare lengths by using *taller than* and *shorter than.* K M3 Lesson 2: Compare lengths of simple straight objects by using *longer than, shorter than,* and *about the same length as.* K M3 Lesson 8: Compare weights by using *heavier than, lighter than,* and *about the same weight as.* K M3 Lesson 13: Relate *more* and *fewer* to length. K M3 Lesson 22: Describe and compare several measurable attributes of objects and sets.
MA.K.M.1.2 Directly compare two objects that have an attribute which can be measured in common. Express the comparison using language to describe the difference.	K M3 Lesson 1: Align endpoints to compare lengths by using *taller than* and *shorter than.* K M3 Lesson 2: Compare lengths of simple straight objects by using *longer than, shorter than,* and *about the same length as.* K M3 Lesson 3: Compare lengths of complex objects by using *longer than, shorter than,* and *about the same length as.* K M3 Lesson 4: Compare the lengths of cube sticks to flat shapes. K M3 Lesson 5: Compare the lengths of two cube sticks. K M3 Lesson 6: Compose cube sticks that are the same length. K M3 Lesson 8: Compare weights by using *heavier than, lighter than,* and *about the same weight as.* K M3 Lesson 9: Use a balance scale to compare two objects. K M3 Lesson 10: Use a balance scale to compare an object to a group of cubes. K M3 Lesson 11: Use a balance scale to compare an object to different units. K M3 Lesson 12: Observe conservation of weight on the balance scale. K M3 Lesson 13: Relate *more* and *fewer* to length. K M3 Lesson 22: Describe and compare several measurable attributes of objects and sets.
MA.K.M.1.3 Express the length of an object, up to 20 units long, as a whole number of lengths by laying non-standard objects end to end with no gaps or overlaps.	K M3 Lesson 7: Measure the lengths of objects with nonstandard units.

Geometric Reasoning

MA.K.GR.1 Identify, compare and compose two- and three-dimensional figures.

Florida's B.E.S.T. Standards for Mathematics	Aligned Components of *Eureka Math²* Florida
MA.K.GR.1.1 Identify two- and three-dimensional figures regardless of their size or orientation. Figures are limited to circles, triangles, rectangles, squares, spheres, cubes, cones and cylinders.	K M2 Lesson 2: Classify shapes as triangles or nontriangles. K M2 Lesson 3: Classify shapes as circles, hexagons, or neither. K M2 Lesson 4: Classify shapes as rectangles or nonrectangles, with square rectangles as a special case. K M2 Lesson 7: Name solid shapes and discuss their attributes. K M2 Lesson 10: Construct a circle. K M2 Lesson 11: Construct and classify polygons. K M2 Lesson 12: Construct solid shapes by using a square base. K M2 Lesson 13: Draw flat shapes. K M2 Lesson 14: Compose flat shapes.
MA.K.GR.1.2 Compare two-dimensional figures based on their similarities, differences and positions. Sort two-dimensional figures based on their similarities and differences. Figures are limited to circles, triangles, rectangles and squares.	K M2 Lesson 1: Find and describe attributes of flat shapes. K M2 Lesson 3: Classify shapes as circles, hexagons, or neither. K M2 Lesson 4: Classify shapes as rectangles or nonrectangles, with square rectangles as a special case. K M2 Lesson 6: Distinguish between flat and solid shapes. K M2 Lesson 7: Name solid shapes and discuss their attributes. K M2 Lesson 8: Classify solid shapes based on the ways they can be moved. K M2 Lesson 9: Match solid shapes to their two-dimensional faces. K M2 Lesson 10: Construct a circle. K M2 Lesson 11: Construct and classify polygons. K M2 Lesson 12: Construct solid shapes by using a square base. K M2 Lesson 13: Draw flat shapes. K M2 Lesson 14: Compose flat shapes. K M2 Lesson 15: Communicate the position of composed solid shapes by using position words.

Florida's B.E.S.T. Standards for Mathematics	Aligned Components of *Eureka Math²* Florida
MA.K.GR.1.3 Compare three-dimensional figures based on their similarities, differences and positions. Sort three-dimensional figures based on their similarities and differences. Figures are limited to spheres, cubes, cones and cylinders.	K M2 Lesson 1: Find and describe attributes of flat shapes. K M2 Lesson 3: Classify shapes as circles, hexagons, or neither. K M2 Lesson 4: Classify shapes as rectangles or nonrectangles, with square rectangles as a special case. K M2 Lesson 6: Distinguish between flat and solid shapes. K M2 Lesson 7: Name solid shapes and discuss their attributes. K M2 Lesson 8: Classify solid shapes based on the ways they can be moved. K M2 Lesson 9: Match solid shapes to their two-dimensional faces. K M2 Lesson 10: Construct a circle. K M2 Lesson 11: Construct and classify polygons. K M2 Lesson 12: Construct solid shapes by using a square base. K M2 Lesson 13: Draw flat shapes. K M2 Lesson 14: Compose flat shapes. K M2 Lesson 15: Communicate the position of composed solid shapes by using position words.
MA.K.GR.1.4 Find real-world objects that can be modeled by a given two- or three-dimensional figure. Figures are limited to circles, triangles, rectangles, squares, spheres, cubes, cones and cylinders.	K M2 Lesson 2: Classify shapes as triangles or nontriangles. K M2 Lesson 3: Classify shapes as circles, hexagons, or neither. K M2 Lesson 4: Classify shapes as rectangles or nonrectangles, with square rectangles as a special case.
MA.K.GR.1.5 Combine two-dimensional figures to form a given composite figure. Figures used to form a composite shape are limited to triangles, rectangles and squares.	K M4 Lesson 1: Compose flat shapes and count the parts. K M4 Lesson 2: Decompose flat shapes and count the parts. K M4 Lesson 9: Compose shapes in more than one way.

Data Analysis and Probability

MA.K.DP.1 Develop an understanding for collecting, representing and comparing data.

Florida's B.E.S.T. Standards for Mathematics	Aligned Components of *Eureka Math²* Florida
MA.K.DP.1.1 Collect and sort objects into categories and compare the categories by counting the objects in each category. Report the results verbally, with a written numeral or with drawings.	K M1 Lesson 1: Compare objects based on their attributes. K M1 Lesson 2: Classify objects into two categories. K M1 Lesson 3: Classify objects into two categories and count. K M1 Lesson 4: Classify objects into three categories and count. K M1 Lesson 5: Classify objects into three categories, count, and match to a numeral. K M1 Lesson 15: Sort the same group of objects in more than one way and count. K M1 Lesson 16: Decompose a set shown in a picture. K M3 Lesson 16: Classify flat shapes into groups and compare the number of shapes in each group.

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.	K M1 Lesson 1: Compare objects based on their attributes. K M1 Lesson 13: Count out enough objects and write the numeral. K M1 Lesson 14: Understand the meaning of zero and write the numeral. K M1 Lesson 17: Model story problems. K M1 Lesson 20: Count objects in 5-group and array configurations and match to a numeral. K M1 Lesson 22: Count sets in scattered configurations and match to a numeral. K M1 Lesson 23: Conserve number regardless of the order in which objects are counted. K M1 Lesson 33: Organize, count, and represent a collection of objects. K M2 Lesson 1: Find and describe attributes of flat shapes. K M2 Lesson 12: Construct solid shapes by using a square base. K M2 Lesson 13: Draw flat shapes. K M2 Lesson 14: Compose flat shapes. K M3 Lesson 4: Compare the lengths of cube sticks to flat shapes. K M3 Lesson 6: Compose cube sticks that are the same length. K M3 Lesson 7: Measure the lengths of objects with non-standard units. K M3 Lesson 10: Use a balance scale to compare an object to a group of cubes.. K M3 Lesson 15: Use number to compare sets with like units.

English Language Arts Expectations	Aligned Components of *Eureka Math²* Florida
ELA.K12.EE.1.1 *continued*	K M3 Lesson 22: Describe and compare several measurable attributes of objects and sets K M4 Lesson 2: Decompose flat shapes and count the parts. K M4 Lesson 4: Decompose a group and record parts and total by using a number bond. K M4 Lesson 8: Find partners to 10. K M4 Lesson 13: Choose a math tool to solve *put together with total unknown* story problems. K M5 Lesson 2: Relate number sentences and number bonds through story problems. K M5 Lesson 8: Understand taking away as a type of subtraction. K M5 Lesson 12: Relate parts to total in subtraction situations. K M5 Lesson 20: Find the number that makes 10 and record with a number sentence. K M5 Lesson 22: Investigate different ways to represent equality. K M5 Lesson 24: Use a pattern to make a prediction. K M5 Lesson 27: Reason about numbers to add and subtract. K M6 Lesson 1: Describe teen numbers as 10 ones and ___ ones. K M6 Lesson 7: Decompose numbers 10–20 with 10 as a part. K M6 Lesson 13: Count by tens by using math tools. K M6 Lesson 15: Use patterns in the number sequence to count by ones within 100. K M6 Lesson 16: Count within and across decades when counting by ones, part 1. K M6 Lesson 17: Count within and across decades when counting by ones, part 2.
ELA.K12.EE.2.1 Read and comprehend grade-level complex texts proficiently.	K M1 Lesson 3: Classify objects into two categories and count. K M1 Lesson 10: Count out a group of objects to match a numeral. K M1 Lesson 16: Decompose a set shown in a picture. K M1 Lesson 18: Model story problems and identify the numeral referents. K M1 Lesson 24: Count out a group of objects to match a numeral. K M1 Lesson 25: Write numerals 6 and 7. K M2 Lesson 2: Classify shapes as triangles or nontriangles. K M2 Lesson 3: Classify shapes as circles, hexagons, or neither. K M3 Lesson 11: Use a balance scale to compare an object to different units. K M3 Lesson 14: Compare sets by using *more than, fewer than,* and *the same number as.* K M3 Lesson 17: Count and compare sets with unlike units. K M4 Lesson 12: Draw to represent *put together with total unknown* story problems. K M5 Lesson 3: Represent and solve *add to with result unknown* story problems. K M6 Lesson 12: Count by tens. K M6 Lesson 14: Use the structure of ten to count to 100.

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ELA.K12.EE.3.1 Make inferences to support comprehension.	K M1 Lesson 4: Classify objects into three categories and count. K M1 Lesson 9: Conserve number regardless of the arrangement of objects. K M1 Lesson 29: Model the pattern of 1 more in the forward count sequence. K M2 Lesson 6: Distinguish between flat and solid shapes. K M2 Lesson 9: Match solid shapes to their two-dimensional faces. K M3 Lesson 3: Compare lengths of complex objects by using *longer than, shorter than,* and *about the same length as.* K M3 Lesson 12: Observe conservation of weight on the balance scale. K M3 Lesson 18: Count and compare sets in pictures. K M3 Lesson 21: Compare two numbers in story situations. K M4 Lesson 6: Decompose a number in more than one way and record. K M4 Lesson 14: Model *take apart with both addends unknown* situations. K M4 Lesson 16: Compose and decompose numbers and shapes. K M5 Lesson 6: Tell addition story problems starting from number sentence models. K M5 Lesson 10: Represent and solve *take from with result unknown* story problems. K M5 Lesson 16: Relate addition and subtraction through word problems. K M5 Lesson 19: Represent and solve *take from with change unknown* problems. K M5 Lesson 23: Identify and extend linear patterns. K M6 Lesson 4: Order numerals 0–20. K M6 Lesson 8: Represent teen number compositions and decompositions as addition sentences. K M6 Lesson 11: Represent teen number decompositions as 10 and some ones and find a hidden part. K M6 Lesson 18: Compare totals in story situations. K M6 Lesson 21: Compare lengths of objects by using 10-sticks and individual cubes.
ELA.K12.EE.4.1 Use appropriate collaborative techniques and active listening skills when engaging in discussions in a variety of situations.	K M1 Lesson 2: Classify objects into two categories. K M1 Lesson 5: Classify objects into three categories, count, and match to a numeral. K M1 Lesson 21: Count sets in circular configurations and match to a numeral. K M2 Lesson 4: Classify shapes as rectangles or nonrectangles, with square rectangles as a special case. K M2 Lesson 16: Organize, count, and represent a collection of objects. K M3 Lesson 5: Compare the lengths of two cube sticks. K M3 Lesson 9: Use a balance scale to compare two objects. K M3 Lesson 13: Relate *more* and *fewer* to length.

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ELA.K12.EE.4.1 *continued*	K M3 Lesson 16: Classify flat shapes into groups and compare the number of shapes in each group. K M3 Lesson 20: Compare numbers by using greater than, less than, and equal to. K M4 Lesson 5: Sort to decompose a number in *more* than one way. K M4 Lesson 9: Compose shapes in *more* than one way. K M5 Lesson 7: Find the total in an addition sentence. K M5 Lesson 9: Represent *take from with result unknown* story problems by using drawings and numbers. K M5 Lesson 13: Tell subtraction story problems starting from number sentence models. K M5 Lesson 17: Reason about different units to solve story problems. K M5 Lesson 21: Organize drawings to solve problems efficiently. K M6 Lesson 5: Reason about a number's position in the number sequence. K M6 Lesson 10: Make sense of word problems involving teen numbers. K M6 Lesson 20: Compare numbers to 20 written as numerals.
ELA.K12.EE.5.1 Use the accepted rules governing a specific format to create quality work. ELA.K12.EE.6.1 Use appropriate voice and tone when speaking or writing.	K M1 Lesson 6: Organize, count, and represent a collection of objects. K M1 Lesson 7: Practice counting accurately. K M1 Lesson 8: Count sets in linear, array, and scattered configurations. K M1 Lesson 19: Organize, count, and represent a collection of objects. K M1 Lesson 30: Build number stairs to show the pattern of 1 more in the forward count sequence. K M1 Lesson 31: Model the pattern of 1 less in the backward count sequence. K M1 Lesson 32: Build number stairs to show the pattern of 1 less in the backward count sequence. K M2 Lesson 7: Name solid shapes and discuss their attributes. K M2 Lesson 8: Classify solid shapes based on the ways they can be moved. K M2 Lesson 10: Construct a circle. K M2 Lesson 11: Construct and classify polygons. K M3 Lesson 2: Compare lengths of simple straight objects by using *longer than, shorter than,* and *about the same length as.* K M4 Lesson 1: Compose flat shapes and count the parts. K M4 Lesson 10: Sort and record the decomposition with a number bond. K M4 Lesson 11: Model *put together with total unknown* story problems. K M4 Lesson 15: Choose a math tool to solve *take apart with both addends unknown* situations.

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ELA.K12.EE.5.1 *continued*	K M4 Lesson 17: Use the structure of 5 and 10 to build a rekenrek. K M5 Lesson 4: Represent decomposition situations by using number bonds and addition sentences. K M5 Lesson 14: Find the difference in a subtraction sentence. K M5 Lesson 18: Count on to find the total. K M5 Lesson 25: Solve story problems by using repeated reasoning. K M6 Lesson 2: Find 10 ones in a teen number. K M6 Lesson 6: Count out a group of objects to match a numeral. K M6 Lesson 22: Organize, count, and represent a collection of objects.
ELA.K12.EE.6.1 Use appropriate voice and tone when speaking or writing.	K M1 Lesson 11: Write numerals 1–3 to answer *how many* questions. K M1 Lesson 12: Write numerals 4 and 5 to answer *how many* questions. K M1 Lesson 15: Sort the same group of objects in more than one way and count. K M1 Lesson 26: Write numeral 8. K M1 Lesson 27: Write numerals 9 and 10. K M1 Lesson 28: Order numerals 1–10 and reason about an unknown number in the number sequence. K M2 Lesson 15: Communicate the position of composed solid shapes by using position words. K M2 Lesson 5: Communicate the position of flat shapes by using ordinal number words. K M3 Lesson 1: Align endpoints to compare lengths by using taller than and shorter than. K M3 Lesson 8: Compare weights by using *heavier than, lighter than,* and *about the same weight as.* K M3 Lesson 19: Compare the capacity of containers by using numerals. K M4 Lesson 3: Decompose a group to identify parts and total. K M4 Lesson 7: Find partners to 5. K M5 Lesson 1: Represent *add to with result unknown* story problems by using drawings and numbers. K M5 Lesson 5: Represent *take apart with both addends unknown* situations with a number sentence. K M5 Lesson 11: Represent decomposition situations by using number bonds and subtraction sentences. K M5 Lesson 15: Identify the action in a problem to represent and solve it. K M5 Lesson 26: Extend growing patterns. K M6 Lesson 3: Write numerals 11–20. K M6 Lesson 9: Represent teen number decompositions as subtraction sentences. K M6 Lesson 19: Count and compare sets with more than 10 objects.

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.	K M1 Lesson 4: Classify objects into three categories and count. K M1 Lesson 9: Conserve number regardless of the arrangement of objects. K M2 Lesson 11: Construct and classify polygons. K M2 Lesson 15: Communicate the position of composed solid shapes by using position words. K M3 Lesson 10: Use a balance scale to compare an object to a group of cubes. K M3 Lesson 15: Use number to compare sets with like units. K M4 Lesson 2: Decompose flat shapes and count the parts. K M4 Lesson 8: Find partners to 10. K M5 Lesson 2: Relate number sentences and number bonds through story problems. K M5 Lesson 15: Identify the action in a problem to represent and solve it. K M6 Lesson 15: Use patterns in the number sequence to count by ones within 100. K M6 Lesson 21: Compare lengths of objects by using 10-sticks and individual cubes.
ELD.K12.ELL.SI.1 English language learners communicate for social and instructional purposes within the school setting.	K M1 Lesson 13: Count out enough objects and write the numeral. K M1 Lesson 17: Model story problems. K M2 Lesson 4: Classify shapes as rectangles or nonrectangles, with square rectangles as a special case. K M2 Lesson 8: Classify solid shapes based on the ways they can be moved. K M3 Lesson 6: Compose cube sticks that are the same length. K M3 Lesson 12: Observe conservation of weight on the balance scale. K M4 Lesson 4: Decompose a group and record parts and total by using a number bond. K M4 Lesson 7: Find partners to 5. K M5 Lesson 13: Tell subtraction story problems starting from number sentence models. K M5 Lesson 19: Represent and solve *take from with change unknown* problems. K M6 Lesson 10: Make sense of word problems involving teen numbers. K M6 Lesson 14: Use the structure of ten to count to 100.