Math Out of the Box®
Correlation to

Florida Next Generation Sunshine State Standards for Mathematics
Grades K—5

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The following pages pertain to Math Out of the Box® K-5 modules that have been aligned with the Florida Next Generation Sunshine State Standards for Mathematics, for Kindergarten through Fifth grades. For your reference, under each standard are the aligned strands, module titles, and lessons within that module with corresponding page numbers.

Math Out of the Box® Integrated Curriculum Matrix				
math outofthebox	***Developing Algebraic Thinking***	***Developing Geometric Logic***	***Developing Measurement Benchmarks***	***Developing Number Concepts***
K	***Rhythm and Design***	***Towers and Trails***	***Over and Under***	***Like and Unlike***
1	***Together and Apart***	*Symmetry and Shapes*	***Up and Down***	***Families and Facts***
2	***Collecting and Sorting***	***Rows and Columns***	***Large and Small***	***More and Less***
3	***Plotting and Growing***	***Shapes and Paths***	***Scales and Balances***	***Ordering and Arranging***
4	***Signs and Symbols***	***Corners and Containers***	***Inside and Outside***	***Stories and Statements***
5	***Steps and Distance***	***Conjectures and Transformations***	***Tools and Time***	***Values and Variables***

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Math Out of the Box® is a K—5, inquiry-based math curriculum developed by Clemson University's College of Engineering and Science. Based on the NCTM Principles and Standards for School Mathematics, **Math Out of the Box®** is filled with engaging, hands-on activities.

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Kindergarten

STANDARD / BODY OF KNOWLEDGE	FL.MA.K.A.	Algebra
BENCHMARK / BIG IDEA	MA.K.A.1.	Represent, compare, and order whole numbers and join and separate sets.
BENCHMARK / DESCRIPTOR	MA.K.A.1.1.	Represent quantities with numbers up to 20, verbally, in writing, and with manipulatives. • **Developing Measurement Benchmarks: Over and Under** • TG: L15 (pp 103-108) • **Developing Number Concepts: Like and Unlike Module A** • TG: L01-20 (pp 5-179) • TG: Post Assessment L01-09 (pp 72-76) • TG: Post Assessment L10-15 (pp 130-133) • TG: Post Assessment L16-20 (pp 180-182) • **Developing Number Concepts: Like and Unlike Module B** • TG: L01-20 (pp 5-181) • TG: Post Assessment L01-08 (pp 65-71) • TG: Post Assessment L09-12 (pp 109-111)
BENCHMARK / DESCRIPTOR	MA.K.A.1.2.	Solve problems including those involving sets by counting, by using cardinal and ordinal numbers, by comparing, by ordering, and by creating sets up to 20. • **Developing Algebraic Thinking: Rhythm and Design** • TG: Unit Pre Assessment (pp xxii-xxiv) • **Developing Number Concepts: Like and Unlike Module A** • TG: L01-20 (pp 5-179) • TG: Post Assessment L10-15 (pp 130-133) • **Developing Number Concepts: Like and Unlike Module B** • TG: L01-20 (pp 5-181) • TG: Post Assessment L01-08 (pp 65-71)
BENCHMARK / DESCRIPTOR	MA.K.A.1.3.	Solve word problems involving simple joining and separating situations. • **Developing Number Concepts: Like and Unlike Module A** • TG: L18-20 (pp 159-179) • **Developing Number Concepts: Like and Unlike Module B** • TG: L13-15 (pp 119-140) • TG: Post Assessment L13-15 (pp 141-144)
STANDARD / BODY OF KNOWLEDGE	FL.MA.K.G.	Geometry
BENCHMARK / BIG IDEA	MA.K.G.2.	Describe shapes and space.
BENCHMARK / DESCRIPTOR	MA.K.G.2.1.	Describe, sort and re-sort objects using a variety of attributes such as shape, size, and position. • **Developing Algebraic Thinking: Rhythm and Design** • TG: L11-20 (pp 81-150) • **Developing Geometric Logic: Towers and Trails** • TG: L02-03 (pp 13-25)

		• TG: L06-07 (pp 41-59) • TG: L10 (pp 77-81) • TG: L12-15 (pp 89-118) • **Developing Measurement Benchmarks: Over and Under** • TG: L01 (pp 7-12) • **Developing Number Concepts: Like and Unlike Module A** • TG: L07 (pp 51-59)
BENCHMARK / DESCRIPTOR	MA.K.G.2.2.	Identify, name, describe and sort basic two-dimensional shapes such as squares, triangles, circles, rectangles, hexagons, and trapezoids. • **Developing Algebraic Thinking: Rhythm and Design** • TG: L01 (pp 5-12) • **Developing Geometric Logic: Towers and Trails** • TG: L07-12 (pp 53-93) • TG: L16 (pp 119-124) • TG: Post Assessment L07-12 (p 51)
BENCHMARK / DESCRIPTOR	MA.K.G.2.3.	Identify, name, describe, and sort three-dimensional shapes such as spheres, cubes and cylinders. • **Developing Geometric Logic: Towers and Trails** • TG: Unit Pre Assessment (pp xxiii-xxvi) • TG: L01-06 (pp 7-46) • TG: L15 (pp 113-118) • TG: Post Assessment L01-06 (p 5)
BENCHMARK / DESCRIPTOR	MA.K.G.2.4.	Interpret the physical world with geometric shapes and describe it with corresponding vocabulary. • **Developing Geometric Logic: Towers and Trails** • TG: L03 (pp 19-25) • TG: L05 (pp 33-39) • TG: L17-19 (pp 129-145)
BENCHMARK / DESCRIPTOR	MA.K.G.2.5.	Use basic shapes, spatial reasoning, and manipulatives to model objects in the environment and to construct more complex shapes. • **Developing Algebraic Thinking: Rhythm and Design** • TG: L01 (pp 5-12) • **Developing Geometric Logic: Towers and Trails** • TG: Unit Pre Assessment (pp xxiii-xxvi) • TG: L01-12 (pp 7-93) • TG: L20 (pp 147-151) • TG: Post Assessment L01-06 (p 5) • TG: Post Assessment L13-16 (p 98)
STANDARD / BODY OF KNOWLEDGE	FL.MA.K.G.	Geometry
BENCHMARK / BIG IDEA	MA.K.G.3.	Order objects by measurable attributes.
BENCHMARK / DESCRIPTOR	MA.K.G.3.1.	Compare and order objects indirectly or directly using measurable attributes such as length, height, and weight. • **Developing Geometric Logic: Towers and Trails**

		• TG: L04 (pp 27-32) • TG: L08 (pp 61-67) • TG: Post Assessment L07-12 (p 51) • **Developing Measurement Benchmarks: Over and Under** • TG: Unit Pre Assessment (pp xxii-xxv) • TG: L01-03 (pp 7-24) • TG: L17 (pp 119-126) • TG: Post Assessment L01-09 (p 5) • TG: Post Assessment L17-20 (p 118)
STANDARD / BODY OF KNOWLEDGE	FL.MA.K.	Supporting Ideas
BENCHMARK / BIG IDEA	MA.K.A.4.	Algebra
BENCHMARK / DESCRIPTOR	MA.K.A.4.1.	Identify and duplicate simple number and non-numeric repeating and growing patterns. • **Developing Algebraic Thinking: Rhythm and Design** • TG: Unit Pre Assessment (pp xxii-xxiv) • TG: L01-10 (pp 5-76) • TG: Post Assessment L01-10 (p 54) • **Developing Number Concepts: Like and Unlike Module A** • TG: L02 (pp 11-18) • TG: L16-19 (pp 139-172) • **Developing Number Concepts: Like and Unlike Module B** • TG: L02-03 (pp 15-26) • TG: L06 (pp 43-49) • TG: L09 (pp 75-82)

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Grade 1

STANDARD / BODY OF KNOWLEDGE	FL.MA.1.A.	Algebra
BENCHMARK / BIG IDEA	MA.1.A.1.	Develop understandings of addition and subtraction strategies for basic addition facts and related subtraction facts.
BENCHMARK / DESCRIPTOR	MA.1.A.1.1.	Model addition and subtraction situations using the concepts of "part-whole," "adding to," "taking away from," "comparing," and "missing addend." • **Developing Number Concepts: Families and Facts Module A** • TG: L01-03 (pp 5-32) • TG: L05-22 (pp 49-217) • TG: Post Assessment L05-12 (pp 119-122) • TG: Post Assessment L13-17 (pp 167-168) • **Developing Number Concepts: Families and Facts Module B** • TG: L09 (pp 97-106) • TG: L12-14 (pp 123-144)
BENCHMARK / DESCRIPTOR	MA.1.A.1.2.	Identify, describe, and apply addition and subtraction as inverse operations. • **Developing Number Concepts: Families and Facts Module A** • TG: L13 (pp 127-134) • TG: L15-17 (pp 143-166)
BENCHMARK / DESCRIPTOR	MA.1.A.1.3.	Create and use increasingly sophisticated strategies, and use properties such as Commutative, Associative and Additive Identity, to add whole numbers. • **Developing Number Concepts: Families and Facts Module A** • TG: L05-17 (pp 49-166) • TG: Post Assessment L05-12 (pp 119-122) • **Developing Number Concepts: Families and Facts Module B** • TG: L01-14 (pp 5-144) • TG: Post Assessment L08-14 (pp 145-146)
BENCHMARK / DESCRIPTOR	MA.1.A.1.4.	Use counting strategies, number patterns, and models as a means for solving basic addition and subtraction fact problems. • **Developing Number Concepts: Families and Facts Module A** • TG: L03-17 (pp 25-166) • TG: Post Assessment L05-12 (pp 119-122) • TG: Post Assessment L13-17 (pp 167-168) • **Developing Number Concepts: Families and Facts Module B** • TG: L08-14 (pp 89-144) • TG: Post Assessment L08-14 (pp 145-146)
STANDARD / BODY OF KNOWLEDGE	FL.MA.1.A.	Algebra
BENCHMARK / BIG IDEA	MA.1.A.2.	Develop an understanding of whole number relationships, including grouping by tens and ones.
BENCHMARK / DESCRIPTOR	MA.1.A.2.1.	Compare and order whole numbers at least to 100. • **Developing Number Concepts: Families and Facts Module A**

		• TG: L01-22 (pp 5-217) • TG: Post Assessment L18-22 (pp 218-221) • **Developing Number Concepts: Families and Facts Module B** • TG: L01-07 (pp 5-81) • TG: Post Assessment L04-07 (pp 82-83)
BENCHMARK / DESCRIPTOR	MA.1.A.2.2.	Represent two digit numbers in terms of tens and ones. • **Developing Number Concepts: Families and Facts Module B** • TG: L04-07 (pp 41-81) • TG: Post Assessment L04-07 (pp 82-83)
BENCHMARK / DESCRIPTOR	MA.1.A.2.3.	Order counting numbers, compare their relative magnitudes, and represent numbers on a number line. • **Developing Number Concepts: Families and Facts Module A** • TG: L01-22 (pp 5-217) • TG: Post Assessment L18-22 (pp 218-221) • **Developing Number Concepts: Families and Facts Module B** • TG: L01-07 (pp 5-81) • TG: Post Assessment L04-07 (pp 82-83)
STANDARD / BODY OF KNOWLEDGE	FL.MA.1.G.	Geometry
BENCHMARK / BIG IDEA	MA.1.G.3.	Compose and decompose two-dimensional and three-dimensional geometric shapes.
BENCHMARK / DESCRIPTOR	MA.1.G.3.1.	Use appropriate vocabulary to compare shapes according to attributes and properties such as number and lengths of sides, and number of vertices. • **Developing Geometric Logic: Symmetry and Shapes** • TG: Unit Pre Assessment (pp xxiii-xxvii) • TG: L01-02 (pp 7-22) • TG: L04-07 (pp 29-60) • TG: L09-12 (pp 65-87) • TG: Post Assessment L01-06 (p 5)
BENCHMARK / DESCRIPTOR	MA.1.G.3.2.	Compose and decompose plane and solid figures, including making predictions about them, to build an understanding of part-whole relationships and properties of shapes. • **Developing Geometric Logic: Symmetry and Shapes** • TG: L01-02 (pp 7-22) • TG: L06-07 (pp 41-60)
STANDARD / BODY OF KNOWLEDGE	FL.MA.1.	Supporting Ideas
BENCHMARK / BIG IDEA	MA.1.A.4.	Algebra
BENCHMARK / DESCRIPTOR	MA.1.A.4.1.	Extend repeating and growing patterns, fill in missing terms, and justify reasoning. • **Developing Algebraic Thinking: Together and Apart**

		• TG: Unit Pre Assessment (pp xxiv-xxx) • TG: L01-10 (pp 5-94) • TG: Post Assessment L01-03 (p 4) • TG: Post Assessment L04-06 (p 30) • TG: Post Assessment L07-10 (p 60) • **Developing Measurement Benchmarks: Up and Down** • TG: Unit Pre Assessment (pp xxii-xxix) • TG: Post Assessment L13-17 (pp 99-101) • **Developing Number Concepts: Families and Facts Module A** • TG: L01-04 (pp 5-40) • TG: L08-09 (pp 77-96) • TG: L11-12 (pp 105-118) • TG: L18-19 (pp 173-190) • **Developing Number Concepts: Families and Facts Module B** • TG: L04-05 (pp 41-62)
STANDARD / BODY OF KNOWLEDGE	FL.MA.1.	Supporting Ideas
BENCHMARK / BIG IDEA	MA.1.G.5.	Geometry and Measurement
BENCHMARK / DESCRIPTOR	MA.1.G.5.1.	Measure by using iterations of a unit and count the unit measures by grouping units. • **Developing Measurement Bookmarks: Up and Down** • TG: L02-03 (pp 15-24)
BENCHMARK / DESCRIPTOR	MA.1.G.5.2.	Compare and order objects according to descriptors of length, weight and capacity. • **Developing Measurement Bookmarks: Up and Down** • TG: Unit Pre Assessment (pp xxii-xxix) • TG: L02 (pp 15-20) • TG: L18-19 (pp 145-156) • TG: Post Assessment L18-20 (p 144)
STANDARD / BODY OF KNOWLEDGE	FL.MA.1.	Supporting Ideas
BENCHMARK / BIG IDEA	MA.1.A.6.	Number and Operations
BENCHMARK / DESCRIPTOR	MA.1.A.6.1.	Use mathematical reasoning and beginning understanding of tens and ones, including the use of invented strategies, to solve two-digit addition and subtraction problems. • **Developing Number Concepts: Families and Facts Module B** • TG: L13-14 (pp 131-144) • TG: Post Assessment L08-14 (pp 145-146)
BENCHMARK / DESCRIPTOR	MA.1.A.6.2.	Solve routine and non-routine problems by acting them out, using manipulatives, and drawing diagrams. • **Developing Number Concepts: Families and Facts Module A** • TG: L01-10 (pp 5-104)

		• TG: L17-22 (pp 161-217) • **Developing Number Concepts: Families and Facts Module B** • TG: L01-20 (pp 5-191)

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Grade 2

STANDARD / BODY OF KNOWLEDGE	FL.MA.2.A.	Algebra
BENCHMARK / BIG IDEA	MA.2.A.1.	Develop an understanding of base-ten numerations system and place-value concepts.
BENCHMARK / DESCRIPTOR	MA.2.A.1.1.	Identify relationships between the digits and their place values through the thousands, including counting by tens and hundreds. • **Developing Number Concepts: More and Less Module A** • TG: L11-12 (pp 115-133) • TG: L16 (pp 167-173)
BENCHMARK / DESCRIPTOR	MA.2.A.1.2.	Identify and name numbers through thousands in terms of place value and apply this knowledge to expanded notation. • **Developing Number Concepts: More and Less Module A** • TG: L11-12 (pp 115-133) • TG: L14 (pp 145-156) • TG: L16 (pp 167-173) • TG: Post Assessment L11-16 (pp 174-177)
BENCHMARK / DESCRIPTOR	MA.2.A.1.3.	Compare and order multi-digit numbers through the thousands. • **Developing Number Concepts: More and Less Module A** • TG: L13 (pp 135-144) • TG: L15 (pp 157-165) • TG: Post Assessment L11-16 (pp 174-177)
STANDARD / BODY OF KNOWLEDGE	FL.MA.2.A.	Algebra
BENCHMARK / BIG IDEA	MA.2.A.2.	Develop quick recall of addition facts and related subtraction facts and fluency with multi-digit addition and subtraction.
BENCHMARK / DESCRIPTOR	MA.2.A.2.1.	Recall basic addition and related subtraction facts. • **Developing Number Concepts: More and Less Module A** • TG: L01-10 (pp 5-105) • TG: L13 (pp 135-144) • TG: L15 (pp 157-165) • TG: L17 (pp 183-191) • TG: L20-22 (pp 213-236) • TG: Post Assessment L01-05 (pp 52-54) • TG: Post Assessment L06-10 (pp 106-109) • TG: Post Assessment L17-22 (pp 237-241) • **Developing Number Concepts: More and Less Module B** • TG: L04-06 (pp 37-59) • TG: L11-12 (pp 101-114) • TG: L15 (pp 129-135)
BENCHMARK / DESCRIPTOR	MA.2.A.2.2.	Add and subtract multi-digit whole numbers through three digits with fluency by using a variety of strategies, including invented and standard algorithms and explanations of those procedures.

		• **Developing Number Concepts: More and Less Module A** • TG: L20-22 (pp 213-236) • TG: Post Assessment L17-22 (pp 237-241) • **Developing Number Concepts: More and Less Module B** • TG: L05-07 (pp 45-67) • TG: L09-10 (pp 79-93) • TG: L12 (pp 109-114) • TG: Post Assessment L04-10 (pp 94-96)
BENCHMARK / DESCRIPTOR	MA.2.A.2.3.	Estimate solutions to multi-digit addition and subtraction problems, through three digits. • **Developing Number Concepts: More and Less Module A** • TG: L13 (pp 135-144) • **Developing Number Concepts: More and Less Module B** • TG: L11 (pp 101-107) • TG: L14 (pp 121-128)
BENCHMARK / DESCRIPTOR	MA.2.A.2.4.	Solve addition and subtraction problems that involve measurement and geometry. • **Developing Number Concepts: More and Less Module A** • TG: L07 (pp 69-78) • TG: L11 (pp 115-124) • TG: L20-22 (pp 213-236) • **Developing Number Concepts: More and Less Module B** • TG: L01 (pp 5-14) • TG: L04 (pp 37-44) • TG: L10 (pp 89-93)
STANDARD / BODY OF KNOWLEDGE	FL.MA.2.G.	Geometry
BENCHMARK / BIG IDEA	MA.2.G.3.	Develop an understanding of linear measurement and facility in measuring lengths.
BENCHMARK / DESCRIPTOR	MA.2.G.3.1.	Estimate and use standard units, including inches and centimeters, to partition and measure lengths of objects. • **Developing Measurement Benchmarks: Large and Small** • TG: Unit Pre Assessment (pp xxiii-xxviii) • TG: L01-06 (pp 7-48) • TG: Post Assessment L01-07 (p 5)
BENCHMARK / DESCRIPTOR	MA.2.G.3.2.	Describe the inverse relationship between the size of a unit and number of units needed to measure a given object. • **Developing Measurement Benchmarks: Large and Small** • TG: L04 (pp 29-36) • TG: L05 (p 42) • TG: L06 (pp 43-48) • TG: L12 (pp 101-108)
BENCHMARK / DESCRIPTOR	MA.2.G.3.3.	Apply the Transitive Property when comparing lengths of objects. • **Developing Measurement Benchmarks: Large and Small**

		• TG: L01-02 (pp 7-20) • TG: L04 (pp 29-36)
BENCHMARK / DESCRIPTOR	MA.2.G.3.4.	Estimate, select an appropriate tool, measure, and/or compute lengths to solve problems. • **Developing Measurement Benchmarks: Large and Small** • TG: Unit Pre Assessment (pp xxiii-xxviii) • TG: L01-06 (pp 7-48) • TG: Post Assessment L01-07 (p 5)
STANDARD / BODY OF KNOWLEDGE	FL.MA.2.	Supporting Ideas
BENCHMARK / BIG IDEA	MA.2.A.4.	Algebra
BENCHMARK / DESCRIPTOR	MA.2.A.4.1.	Extend number patterns to build a foundation for understanding multiples and factors - for example, skip counting by 2's, 5's, 10's. • **Developing Algebraic Thinking: Collecting and Sorting** • TG: L06-09 (pp 45-80) • **Developing Measurement Benchmarks: Large and Small** • TG: L08 (pp 63-72) • TG: L10-11 (pp 81-94) • **Developing Number Concepts: More and Less Module A** • TG: L11-12 (pp 115-133) • TG: L17 (pp 183-191) • **Developing Number Concepts: More and Less Module B** • TG: L05 (pp 45-50) • TG: L07 (pp 61-67) • TG: L15 (pp 129-135)
BENCHMARK / DESCRIPTOR	MA.2.A.4.2.	Classify numbers as odd or even and explain why. • **Developing Algebraic Thinking: Collecting and Sorting** • TG: L05 (pp 37-44) • **Developing Number Concepts: More and Less Module A** • TG: L02-03 (pp 13 -30)
BENCHMARK / DESCRIPTOR	MA.2.A.4.3.	Generalize numeric and non-numeric patterns using words and tables. • **Developing Algebraic Thinking: Collecting and Sorting** • TG: Unit Pre Assessment (pp xxiv-xxxiii) • TG: Post Assessment L08-10 (pp 60-62)
BENCHMARK / DESCRIPTOR	MA.2.A.4.4.	Describe and apply equality to solve problems, such as in balancing situations. • **Developing Measurement Benchmarks: Large and Small** • TG: L16-17 (pp 141-154) • **Developing Number Concepts: More and Less Module A** • TG: L01-10 (pp 5-105) • TG: L13 (pp 135-144) • TG: L15 (pp 157-165) • TG: Post Assessment L01-05 (pp 52-54) • TG: Post Assessment L06-10 (pp 106-109) • **Developing Number Concepts: More and Less Module B**

		• TG: L04 (pp 37-44) • TG: L08 (pp 69-77) • TG: L10 (pp 89-93)
BENCHMARK / DESCRIPTOR	MA.2.A.4.5.	Recognize and state rules for functions that use addition and subtraction. • **Developing Algebraic Thinking: Collecting and Sorting** • TG: Unit Pre Assessment (pp xxiv-xxxiii) • TG: Post Assessment L08-10 (pp 60-62)
STANDARD / BODY OF KNOWLEDGE	FL.MA.2.	Supporting Ideas
BENCHMARK / BIG IDEA	MA.2.G.5.	Geometry and Measurement
BENCHMARK / DESCRIPTOR	MA.2.G.5.1.	Use geometric models to demonstrate the relationships between wholes and their parts as a foundation to fractions. • **Developing Number Concepts: More and Less Module B** • TG: Post Assessment L11-17 (p 150)
BENCHMARK / DESCRIPTOR	MA.2.G.5.2.	Identify time to the nearest hour and half hour. • **Developing Measurement Benchmarks: Large and Small** • TG: L14 (pp 117-124)
BENCHMARK / DESCRIPTOR	MA.2.G.5.3.	Identify, combine, and compare values of money in cents up to $1 and in dollars up to $100, working with a single unit of currency. • **Developing Measurement Benchmarks: Large and Small** • TG: Unit Pre Assessment (pp xxiii-xxviii) • TG: L08-11 (pp 63-94) • TG: Post Assessment L08-11 (pp 60-61)
BENCHMARK / DESCRIPTOR	MA.2.G.5.4.	Measure weight/mass and capacity/volume of objects. Include the use of the appropriate unit of measure and their abbreviations including cups, pints, quarts, gallons, ounces (oz), pounds (lbs), grams (g), kilograms (kg), milliliters (mL) and liters (L). • **Developing Measurement Benchmarks: Large and Small** • TG: L16 (pp 141-146) • TG: L19 (pp 161-166)
STANDARD / BODY OF KNOWLEDGE	FL.MA.2.	Supporting Ideas
BENCHMARK / BIG IDEA	MA.2.A.6.	Number and Operations
BENCHMARK / DESCRIPTOR	MA.2.A.6.1.	Solve problems that involve repeated addition. • **Developing Algebraic Thinking: Collecting and Sorting** • TG: Unit Pre Assessment (pp xxiv-xxxiii) • TG: L03 (pp 17-24)

		• TG: L06-10 (pp 45-92) • TG: Post Assessment L08-10 (pp 60-62) • **Developing Number Concepts: More and Less Module A** • TG: L04-05 (pp 31-51) • TG: L11-12 (pp 115-133) • TG: L17 (pp 183-191) • TG: L20-22 (pp 213-236) • **Developing Number Concepts: More and Less Module B** • TG: L13-15 (pp 115-135)

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Grade 3

STANDARD / BODY OF KNOWLEDGE	FL.MA.3.A.	Algebra
BENCHMARK / BIG IDEA	MA.3.A.1.	Develop understandings of multiplication and division and strategies for basic multiplication facts and related division facts.
BENCHMARK / DESCRIPTOR	MA.3.A.1.1.	Model multiplication and division including problems presented in context: repeated addition, multiplicative comparison, array, how many combinations, measurement, and partitioning. • **Developing Algebraic Thinking: Plotting and Growing** • TG: Unit Pre Assessment (pp xxiv-xxxviii) • TG: L08 (pp 87-96) • TG: Post Assessment L06-08 (pp 66-67) • **Developing Number Concepts: Ordering and Arranging Module A** • TG: L06-07 (pp 61-76) • TG: L25-30 (pp 251-301) • TG: Post Assessment L01-08 (pp 84-86)
BENCHMARK / DESCRIPTOR	MA.3.A.1.2.	Solve multiplication and division fact problems by using strategies that result from applying number properties. • **Developing Number Concepts: Ordering and Arranging Module A** • TG: L06-08 (pp 61-83) • TG: L25-30 (pp 251-301) • TG: Post Assessment L01-08 (pp 84-86)
BENCHMARK / DESCRIPTOR	MA.3.A.1.3.	Identify, describe, and apply division and multiplication as inverse operations. • **Developing Number Concepts: Ordering and Arranging Module A** • TG: L28 (pp 277-285)
STANDARD / BODY OF KNOWLEDGE	FL.MA.3.A.	Algebra
BENCHMARK / BIG IDEA	MA.3.A.2.	Develop an understanding of fractions and fraction equivalence.
BENCHMARK / DESCRIPTOR	MA.3.A.2.1.	Represent fractions, including fractions greater than one, using area, set and linear models. • **Developing Number Concepts: Ordering and Arranging Module B** • TG: L01-05 (pp 5-55) • TG: L07 (pp 65-71) • TG: Post Assessment L01-04 (pp 40-41)
BENCHMARK / DESCRIPTOR	MA.3.A.2.2.	Describe how the size of the fractional part is related to the number of equal sized pieces in the whole. • **Developing Number Concepts: Ordering and Arranging Module B** • TG: L01-05 (pp 5-55) • TG: L07 (pp 65-71) • TG: Post Assessment L01-04 (pp 40-41)

BENCHMARK / DESCRIPTOR	MA.3.A.2.3.	Compare and order fractions, including fractions greater than one, using models and strategies. • **Developing Number Concepts: Ordering and Arranging Module B** • TG: L02-04 (pp 13-39)
BENCHMARK / DESCRIPTOR	MA.3.A.2.4.	Use models to represent equivalent fractions, including fractions greater than one, and identify representations of equivalence. • **Developing Number Concepts: Ordering and Arranging Module B** • TG: L04 (pp 31-39) • TG: Post Assessment L01-04 (pp 40-41)
STANDARD / BODY OF KNOWLEDGE	FL.MA.3.G.	Geometry
BENCHMARK / BIG IDEA	MA.3.G.3.	Describe and analyze properties of two-dimensional shapes.
BENCHMARK / DESCRIPTOR	MA.3.G.3.1.	Describe, analyze, compare and classify two-dimensional shapes using sides and angles - including acute, obtuse, and right angles - and connect these ideas to the definition of shapes. • **Developing Geometric Logic: Shapes and Paths** • TG: Unit Pre Assessment (pp xxiv-xxiii) • TG: L05-09 (pp 47-97) • TG: Post Assessment L05-07 (pp 44-45)
BENCHMARK / DESCRIPTOR	MA.3.G.3.2.	Compose, decompose, and transform polygons to make other polygons, including concave and convex polygons with three, four, five, six, eight, or ten sides. • **Developing Geometric Logic: Shapes and Paths** • TG: L10 (pp 99-105)
BENCHMARK / DESCRIPTOR	MA.3.G.3.3.	Build, draw and analyze two-dimensional shapes from several orientations in order to examine and apply congruence and symmetry. • **Developing Geometric Logic: Shapes and Paths** • TG: Unit Pre Assessment (pp xxiv-xxiii) • TG: L09 (pp 89-97) • TG: L14-17 (pp 139-179) • TG: Post Assessment L08-11 (pp 79-80) • TG: Post Assessment L16-20 (pp 162-163)
STANDARD / BODY OF KNOWLEDGE	FL.MA.3.	Supporting Ideas
BENCHMARK / BIG IDEA	MA.3.A.4.	Algebra
BENCHMARK / DESCRIPTOR	MA.3.A.4.1.	Create, analyze, and represent patterns and relationships using words, variables, tables and graphs. • **Developing Algebraic Thinking: Plotting and Growing** • TG: Unit Pre Assessment (pp xxiv-xxxviii)

		• TG: L03-04 (pp 35-56) • TG: L06-07 (pp 69-86) • TG: L09-12 (pp 103-142) • TG: L14 (pp 157-164) • TG: L16-19 (pp 177-216) • TG: Post Assessment L01-02 (pp 4-5) • TG: Post Assessment L06-08 (pp 66-67) • TG: Post Assessment L09-12 (pp 100-101) • TG: Post Assessment L13-14 (pp 146-147) • TG: Post Assessment L15-17 (pp 168-169) • TG: Post Assessment L18-20 (pp 198-199) • **Developing Number Concepts: Ordering and Arranging Module A** • TG: L17-23 (pp 171-236)
STANDARD / BODY OF KNOWLEDGE	FL.MA.3.	Supporting Ideas
BENCHMARK / BIG IDEA	MA.3.G.5.	Geometry and Measurement
BENCHMARK / DESCRIPTOR	MA.3.G.5.1.	Select appropriate units, strategies and tools to solve problems involving perimeter. • **Developing Measurement Benchmarks: Scales and Balances** • TG: Unit Pre Assessment (pp xxiii-xxvi) • TG: L04-06 (pp 35-54) • TG: Post Assessment L01-06 (pp 5-6)
BENCHMARK / DESCRIPTOR	MA.3.G.5.2.	Measure objects using fractional parts of linear units such as 1/2, 1/4, and 1/10. • **Developing Measurement Benchmarks: Scales and Balances** • TG: L01-03 (pp 7-34) • TG: L05 (pp 41-46) • **Developing Number Concepts: Ordering and Arranging Module B** • TG: L02 (pp 13-20)
BENCHMARK / DESCRIPTOR	MA.3.G.5.3.	Tell time to the nearest minute and to the nearest quarter hour, and determine the amount of time elapsed. • **Developing Measurement Benchmarks: Scales and Balances** • TG: Unit Pre Assessment (pp xxiii-xxvi) • TG: L12-14 (pp 103-126) • TG: Post Assessment L12-15 (pp 100-101)
STANDARD / BODY OF KNOWLEDGE	FL.MA.3.	Supporting Ideas
BENCHMARK / BIG IDEA	MA.3.A.6.	Number and Operations
BENCHMARK / DESCRIPTOR	MA.3.A.6.1.	Represent, compute, estimate and solve problems using numbers through hundred thousands. • **Developing Number Concepts: Ordering and Arranging Module A** • TG: L01-08 (pp 5-83)

		• TG: L10-12 (pp 101-126) • TG: L14-30 (pp 137-301) • TG: Post Assessment L01-08 (pp 84-86) • TG: Post Assessment L15-24 (pp 244-246) • TG: Post Assessment L25-30 (pp 302-304)
BENCHMARK / DESCRIPTOR	MA.3.A.6.2.	Solve non-routine problems by making a table, chart, or list and searching for patterns. • **Developing Algebraic Thinking: Plotting and Growing** • TG: L03 (pp 35-44) • TG: L11 (pp 123-134) • **Developing Number Concepts: Ordering and Arranging Module A** • TG: L01-30 (pp 5-301) • TG: Post Assessment L25-30 (pp 302-304) • **Developing Number Concepts: Ordering and Arranging Module B** • TG: L01-20 (pp 5-192)
STANDARD / BODY OF KNOWLEDGE	FL.MA.3.	Supporting Ideas
BENCHMARK / BIG IDEA	MA.3.S.7.	Data Analysis
BENCHMARK / DESCRIPTOR	MA.3.S.7.1.	Construct and analyze frequency tables, bar graphs, pictographs, and line plots from data, including data collected through observations, surveys, and experiments. • **Developing Algebraic Thinking: Plotting and Growing** • TG: Unit Pre Assessment (pp xxiv-xxxviii) • TG: L01-02 (pp 7-28) • TG: L13-17 (pp 149-194) • TG: Post Assessment L01-02 (pp 4-5) • TG: Post Assessment L15-17 (pp 168-169) • **Developing Number Concepts: Ordering and Arranging Module B** • TG: L16-17 (pp 151-164)

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Grade 4

STANDARD / BODY OF KNOWLEDGE	FL.MA.4.A.	Algebra
BENCHMARK / BIG IDEA	MA.4.A.1.	Develop quick recall of multiplication facts and related division facts and fluency with whole number multiplication.
BENCHMARK / DESCRIPTOR	MA.4.A.1.1.	Use and describe various models for multiplication in problem-solving situations, and demonstrate recall of basic multiplication and related division facts with ease. • **Developing Number Concepts: Stories and Statements Module A** • TG: L05-07 (pp 39-62 • TG: L26-29 (pp 241-272) • TG: Post Assessment L19-30 (pp 273-278)
BENCHMARK / DESCRIPTOR	MA.4.A.1.2.	Multiply multi-digit whole numbers through four digits fluently, demonstrating understanding of the standard algorithm, and checking for reasonableness of results, including solving real-world problems. • **Developing Number Concepts: Stories and Statements Module A** • TG: L06-07 (pp 49-62) • TG: L19 (pp 175-184) • TG: L23-25 (pp 211-240) • TG: L30 (pp 273-278) • TG: Post Assessment L01-07 (pp 63-67) • TG: Post Assessment L19-30 (pp 273-278)
STANDARD / BODY OF KNOWLEDGE	FL.MA.4.A.	Algebra
BENCHMARK / BIG IDEA	MA.4.A.2.	Develop an understanding of decimals, including the connection between fractions and decimals.
BENCHMARK / DESCRIPTOR	MA.4.A.2.1.	Use decimals through the thousandths place to name numbers between whole numbers. • **Developing Number Concepts: Stories and Statements Module B** • TG: L07-09 (pp 59-82) • TG: L13 (pp 119-124)
BENCHMARK / DESCRIPTOR	MA.4.A.2.2.	Describe decimals as an extension of the base-ten number system. • **Developing Number Concepts: Stories and Statements Module B** • TG: L04 -05 (pp 35-50) • TG: L07 (pp 59-66) • TG: L09-10 (pp 75-96) • TG: L12 (pp 107-113) • TG: L14-15 (pp 125-140) • TG: Post Assessment L04-09 (pp 83-84)
BENCHMARK / DESCRIPTOR	MA.4.A.2.3.	Relate equivalent fractions and decimals with and without models, including locations on a number line. • **Developing Number Concepts: Stories and Statements Module B**

		• TG: L04-05 (pp 35-50) • TG: L07 (pp 59-66) • TG: Post Assessment L04-09 (pp 83-84)
BENCHMARK / DESCRIPTOR	MA.4.A.2.4.	Compare and order decimals, and estimate fraction and decimal amounts in real-world problems. • **Developing Number Concepts: Stories and Statements Module A** • TG: L13-16 (pp 115-150) • **Developing Number Concepts: Stories and Statements Module B** • TG: L08 (pp 67-74) • TG: L10-13 (pp 89-124) • TG: Post Assessment L04-09 (pp 83-84) • TG: Post Assessment L10-12 (p 114)
STANDARD / BODY OF KNOWLEDGE	FL.MA.4.G.	Geometry
BENCHMARK / BIG IDEA	MA.4.G.3.	Develop an understanding of area and determine the area of two-dimensional shapes.
BENCHMARK / DESCRIPTOR	MA.4.G.3.1.	Describe and determine area as the number of same-sized units that cover a region in the plane, recognizing that a unit square is the standard unit for measuring area. • **Developing Geometric Logic: Corners and Containers** • TG: Unit Pre Assessment (pp xxiv-xxxii) • TG: L11-12 (pp 101-114) • TG: Post Assessment L10-12 (p 90) • **Developing Measurement Benchmarks: Inside and Outside** • TG: L07-08 (pp 75-94)
BENCHMARK / DESCRIPTOR	MA.4.G.3.2.	Justify the formula for the area of the rectangle “area = base x height.” • **Developing Measurement Benchmarks: Inside and Outside** • TG: L07 (pp 75-84)
BENCHMARK / DESCRIPTOR	MA.4.G.3.3.	Select and use appropriate units, both customary and metric, strategies, and measuring tools to estimate and solve real-world area problems. • **Developing Measurement Benchmarks: Inside and Outside** • TG: L06-08 (pp 61-94) • TG: L10 (pp 103-110)
STANDARD / BODY OF KNOWLEDGE	FL.MA.4.	Supporting Ideas
BENCHMARK / BIG IDEA	MA.4.A.4.	Algebra
BENCHMARK / DESCRIPTOR	MA.4.A.4.1.	Generate algebraic rules and use all four operations to describe patterns, including nonnumeric growing or repeating patterns. • **Developing Algebraic Thinking: Signs and Symbols** • TG: Unit Pre Assessment (pp xxiii-xxxiii) • TG: Post Assessment L01-03 (pp 4-5)

		• TG: Post Assessment L04-06 (pp 40-41) • TG: Post Assessment L07-10 (pp 74-75)
BENCHMARK / DESCRIPTOR	MA.4.A.4.2.	Describe mathematics relationships using expressions, equations, and visual representations. • **Developing Algebraic Thinking: Signs and Symbols** • TG: L06 (pp 63-70)
STANDARD / BODY OF KNOWLEDGE	FL.MA.4.	Supporting Ideas
BENCHMARK / BIG IDEA	MA.4.G.5.	Geometry and Measurement
BENCHMARK / DESCRIPTOR	MA.4.G.5.1.	Classify angles of two-dimensional shapes using benchmark angles (i.e. 45 degrees, 90 degrees, 180 degrees, and 360 degrees). • **Developing Geometric Logic: Corners and Containers** • TG: L07 (pp 65-72)
BENCHMARK / DESCRIPTOR	MA.4.G.5.2.	Identify and describe the results of translations, reflections, and rotations of 45, 90, 180, 270, and 360 degrees, including figures with line and rotational symmetry. • **Developing Geometric Logic: Corners and Containers** • TG: Unit Pre Assessment (pp xxiv-xxxii) • TG: L13-16 (pp 121-152) • TG: Post Assessment L13-16 (pp 118-119)
BENCHMARK / DESCRIPTOR	MA.4.G.5.3.	Identify and build a three-dimensional object from a two-dimensional representation of that object and vice versa. • **Developing Geometric Logic: Corners and Containers** • TG: Unit Pre Assessment (pp xxiv-xxxii) • TG: L10 (pp 91-100) • TG: Post Assessment L10-12 (p 90)
STANDARD / BODY OF KNOWLEDGE	FL.MA.4.	Supporting Ideas
BENCHMARK / BIG IDEA	MA.4.A.6.	Number and Operations
BENCHMARK / DESCRIPTOR	MA.4.A.6.1.	Use and represent numbers through millions in various contexts, including estimation of relative sizes of amounts or distances. • **Developing Number Concepts: Stories and Statements Module A** • TG: L08-10 (pp 73-96) • TG: L12 (pp 103-106) • TG: L16 (pp 141-150) • TG: L21-25 (pp 193-240) • TG: Post Assessment L08-12 (pp 107-110) • **Developing Number Concepts: Stories and Statements Module B** • TG: L14-15 (pp 125-140)

BENCHMARK / DESCRIPTOR	MA.4.A.6.2.	Use models to represent division as: the inverse of multiplication; as partitioning; as successive subtraction. • **Developing Number Concepts: Stories and Statements Module A** • TG: L26-29 (pp 241-272)
BENCHMARK / DESCRIPTOR	MA.4.A.6.3.	Generate equivalent fractions and simplify fractions. • **Developing Measurement Benchmarks: Inside and Outside** • TG: L02 (pp 19-28) • **Developing Number Concepts: Stories and Statements Module B** • TG: L01-03 (pp 5-28) • TG: Post Assessment L01-03 (pp 29-30)
BENCHMARK / DESCRIPTOR	MA.4.A.6.4.	Determine factors and multiples for specified whole numbers. • **Developing Number Concepts: Stories and Statements Module A** • TG: L27 (pp 251-256)
BENCHMARK / DESCRIPTOR	MA.4.A.6.5.	Relate halves, fourths, tenths, and hundredths to decimals and percents. • **Developing Number Concepts: Stories and Statements Module B** • TG: L04-05 (pp 35-50) • TG: L07 (pp 59-66) • TG: Post Assessment L04-09 (pp 83-84)
BENCHMARK / DESCRIPTOR	MA.4.A.6.6.	Estimate and describe reasonableness of estimates; determine the appropriateness of an estimate versus an exact answer. • **Developing Number Concepts: Stories and Statements Module A** • TG: L13-15 (pp 115-140) • TG: Post Assessment L13-18 (pp 165-170)

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Grade 5

STANDARD / BODY OF KNOWLEDGE	FL.MA.5.A.	Algebra
BENCHMARK / BIG IDEA	MA.5.A.1.	Develop an understanding of and fluency with division of whole numbers.
BENCHMARK / DESCRIPTOR	MA.5.A.1.1.	Describe the process of finding quotients involving multi-digit dividends using models, place value, properties and the relationship of division to multiplication. • **Developing Number Concepts: Values and Variables Module A** • TG: L01-30 (pp 5-287) • TG: Post Assessment L01-08 (pp 79-80) • TG: Post Assessment L21-27 (pp 258-260) • **Developing Number Concepts: Values and Variables Module B** • TG: L01-24 (pp 5-213)
BENCHMARK / DESCRIPTOR	MA.5.A.1.2.	Estimate quotients or calculate them mentally depending on the context and numbers involved. • **Developing Number Concepts: Values and Variables Module A** • TG: L27 (pp 251-257)
BENCHMARK / DESCRIPTOR	MA.5.A.1.3.	Interpret solutions to division situations including those with remainders depending on the context of the problem. • **Developing Number Concepts: Values and Variables Module A** • TG: L24-27 (pp 221-257) • TG: Post Assessment L21-27 (pp 258-260)
BENCHMARK / DESCRIPTOR	MA.5.A.1.4.	Divide multi-digit whole numbers fluently, including solving real-world problems, demonstrating understanding of the standard algorithm and checking the reasonableness of results. • **Developing Number Concepts: Values and Variables Module A** • TG: L07 (pp 63-72)
STANDARD / BODY OF KNOWLEDGE	FL.MA.5.A.	Algebra
BENCHMARK / BIG IDEA	MA.5.A.2.	Develop an understanding of and fluency with addition and subtraction of fractions and decimals.
BENCHMARK / DESCRIPTOR	MA.5.A.2.1.	Represent addition and subtraction of decimals and fractions with like and unlike denominators using models, place value or properties. • **Developing Number Concepts: Values and Variables Module A** • TG: L16-17 (pp 149-166) • TG: L19-20 (pp 175-188) • TG: Post Assessment L15-20 (pp 189-190) • **Developing Number Concepts: Values and Variables Module B** • TG: L09-15 (pp 81-135) • TG: Post Assessment L05-12 (pp 110-111)

		• TG: Post Assessment L17-19 (pp 172-173)
BENCHMARK / DESCRIPTOR	MA.5.A.2.2.	Add and subtract fractions and decimals fluently and verify the reasonableness of results, including in problem situations. • **Developing Number Concepts: Values and Variables Module A** • TG: L16-17 (pp 149-166) • TG: L19-20 (pp 175-188) • TG: Post Assessment L15-20 (pp 189-190) • **Developing Number Concepts: Values and Variables Module B** • TG: L09-15 (pp 81-135) • TG: Post Assessment L05-12 (pp 110-111) • TG: Post Assessment L17-19 (pp 172-173)
BENCHMARK / DESCRIPTOR	MA.5.A.2.3.	Make reasonable estimates of fraction and decimal sums and differences, and use techniques for rounding. • **Developing Number Concepts: Values and Variables Module A** • TG: L12-14 (pp 111-132) • TG: Post Assessment L15-20 (pp 189-190) • **Developing Number Concepts: Values and Variables Module B** • TG: L09 (pp 81-86) • TG: L13-16 (pp 117-144)
BENCHMARK / DESCRIPTOR	MA.5.A.2.4.	Determine the prime factorization of numbers. • **Developing Number Concepts: Values and Variables Module A** • TG: L28-30 (pp 265-287) • **Developing Number Concepts: Values and Variables Module B** • TG: L01-02 (pp 5-24) • TG: Post Assessment L01-04 (pp 41)
STANDARD / BODY OF KNOWLEDGE	FL.MA.5.G.	Geometry
BENCHMARK / BIG IDEA	MA.5.G.3.	Describe three-dimensional shapes and analyze their properties, including volume and surface area.
BENCHMARK / DESCRIPTOR	MA.5.G.3.1.	Analyze and compare the properties of two-dimensional figures and three-dimensional solids (polyhedra), including the number of edges, faces, vertices, and types of faces. • **Developing Geometric Logic: Conjectures and Transformations** • TG: Unit Pre Assessment (pp xxii-xxx) • TG: L01-04 (pp 7-43) • TG: L06 (pp 59-69) • TG: L10 (pp 95-101) • TG: L13 (pp 123-129) • TG: Post Assessment L01-05 (pp 5-6) • TG: Post Assessment L17-20 (pp 162-163)
BENCHMARK / DESCRIPTOR	MA.5.G.3.2.	Describe, define and determine surface area and volume of prisms by using appropriate units and selecting strategies and tools. • **Developing Measurement Benchmarks: Tools and Time** • TG: L10 (pp 81-88)

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STANDARD / BODY OF KNOWLEDGE	FL.MA.5.	Supporting Ideas
BENCHMARK / BIG IDEA	MA.5.A.4.	Algebra
BENCHMARK / DESCRIPTOR	MA.5.A.4.1.	Use the properties of equality to solve numerical and real world situations. • **Developing Number Concepts: Values and Variables Module A** • TG: L01-08 (pp 5-78) • TG: Post Assessment L01-08 (pp 79-80)
BENCHMARK / DESCRIPTOR	MA.5.A.4.2.	Construct and describe a graph showing continuous data, such as a graph of a quantity that changes over time. • **Developing Measurement Benchmarks: Tools and Time** • TG: L15 (pp 123-128) • **Developing Number Concepts: Values and Variables Module B** • TG: L19 (pp 165-171)
STANDARD / BODY OF KNOWLEDGE	FL.MA.5.	Supporting Ideas
BENCHMARK / BIG IDEA	MA.5.G.5.	Geometry and Measurement
BENCHMARK / DESCRIPTOR	MA.5.G.5.1.	Identify and plot ordered pairs on the first quadrant of the coordinate plane. • **Developing Geometric Logic: Conjectures and Transformations** • TG: Unit Pre Assessment (pp xxii-xxx) • TG: L18-19 (pp 173-187) • TG: Post Assessment L17-20 (pp 162-163) • **Developing Number Concepts: Values and Variables Module B** • TG: L19 (pp 165-171)
BENCHMARK / DESCRIPTOR	MA.5.G.5.2.	Compare, contrast, and convert units of measure within the same dimension (length, mass, or time) to solve problems. • **Developing Measurement Benchmarks: Tools and Time** • TG: Unit Pre Assessment (pp xxii-xxix) • TG: L01 (pp 7-14) • TG: L04 (pp 31-38 • TG: L11 (pp 95-100) • TG: L13 (pp 109-114) • TG: L18-19 (pp 147-158) • TG: Post Assessment L01-04 (pp 4-5) • TG: Post Assessment L11-15 (pp 93-94) • TG: Post Assessment L16-20 (pp 133-134)
BENCHMARK / DESCRIPTOR	MA.5.G.5.3.	Solve problems requiring attention to approximation, selection of appropriate measuring tools, and precision of measurement. • **Developing Measurement Benchmarks: Tools and Time** • TG: L02 (pp 15-20) • TG: L20 (pp 159-166)

BENCHMARK / DESCRIPTOR	MA.5.G.5.4.	Derive and apply formulas for areas of parallelograms, triangles, and trapezoids from the area of a rectangle. • **Developing Geometric Logic: Conjectures and Transformations** • TG: L12 (pp 115-122) • **Developing Measurement Benchmarks: Tools and Time** • TG: Unit Pre Assessment (pp xxii-xxix) • TG: L07-08 (pp 61-74) • TG: Post Assessment L05-10 (pp 43-44)
STANDARD / BODY OF KNOWLEDGE	FL.MA.5.	Supporting Ideas
BENCHMARK / BIG IDEA	MA.5.A.6.	Number and Operations
BENCHMARK / DESCRIPTOR	MA.5.A.6.1.	Identify and relate prime and composite numbers, factors and multiples within the context of fractions. • **Developing Number Concepts: Values and Variables Module B** • TG: L05-12 (pp 47-109)
BENCHMARK / DESCRIPTOR	MA.5.A.6.2.	Use the order of operations to simplify expressions which include exponents and parentheses. • **Developing Number Concepts: Values and Variables Module A** • TG: L01-05 (pp 5-52)
BENCHMARK / DESCRIPTOR	MA.5.A.6.3.	Describe real-world situations using positive and negative numbers. • **Developing Number Concepts: Values and Variables Module B** • TG: L17-18 (pp 151-163)
BENCHMARK / DESCRIPTOR	MA.5.A.6.4.	Compare, order, and graph integers, including integers shown on a number line. • **Developing Number Concepts: Values and Variables Module B** • TG: L16-18 (pp 137-163)
BENCHMARK / DESCRIPTOR	MA.5.A.6.5.	Solve non-routine problems using various strategies including “solving a simpler problem” and “guess, check, and revise.” • **Developing Number Concepts: Values and Variables Module A** • TG: L16-22 (pp 149-214)
STANDARD / BODY OF KNOWLEDGE	FL.MA.5.	Supporting Ideas
BENCHMARK / BIG IDEA	MA.5.S.7.	Data Analysis
BENCHMARK / DESCRIPTOR	MA.5.S.7.1.	Construct and analyze line graphs and double bar graphs. • **Developing Algebraic Thinking: Steps and Distance** • TG: Unit Pre Assessment (pp xxiii-xxxiii) • TG: L16 (pp 151-158)

		• TG: Post Assessment L14-16 (pp 134-135) • **Developing Measurement Benchmarks: Tools and Time** • TG: L15 (pp 123-128)
BENCHMARK / DESCRIPTOR	MA.5.S.7.2.	Differentiate between continuous and discrete data and determine ways to represent those using graphs and diagrams. • **Developing Algebraic Thinking: Steps and Distance** • TG: L12 (pp 113-120) • TG: L15 (pp 143-150) • TG: L20 (pp 191-198)

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