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Florida's B.E.S.T. Standards Correlated to

Moving with Math Foundations Grade 3

		B1 Number Sense, Addition & Subtraction Student Book and Skill Builders (SB)	B2 Multiplication & Division Facts Student Book and Skill Builders (SB)	B3 Multiplication & Division Problem Solving Student Book and Skill Builders (SB)	B4 Fractions, Decimals, Geometry & Measurement Student Book and Skill Builders (SB)
	Number Sense and Operations				
MA.3.NSO.1	Understand the place value of four-digit numbers.				
1.1	Read and write numbers from 0 to 10,000 using standard form, expanded form and word form.	2, 3, 21 SB: 1-1, 1-3, 1-4, 4-2		SB: 1-7	4-6 SB: 1-8
1.2	Compose and decompose four-digit numbers in multiple ways using thousands, hundreds, tens and ones. Demonstrate each composition or decomposition using objects, drawings, and expressions or equations.	4, 14, 15 SB: 1-2, 4-1, 6-1, 6-3		SB: 4-5	
1.3	Plot, order and compare whole numbers up to 10,000.	5, 6, 16 SB: 2-1 to 2-3		SB: 2-6	SB: 2-7
1.4	Round whole numbers from 0 to 1,000 to the nearest 10 or 100.	22-25 SB: 7-1, 7-2, 8-1, 8-2		SB: 7-4, 8-5	SB: 8-6
MA.3.NSO.2	Add and subtract multi-digit numbers. Build an understanding of multiplication and division operations.				

2.1	Add and subtract multi-digit whole numbers including using a standard algorithm with procedural fluency.	33-37, 39, 40, 46-50, 51, 56 SB: 10-6 to 10-12, 11-1, 11-2, 15-6 to 15-12, 15-17, 16-1, 16-2, 19-1 to 19-7		SB: 10-19, 11-4, 13-4, 15-22, 16-4, 17-4, 18-3	SB: 10-20, 12-5, 13-5, 15-23, 16-5, 17-5, 18-4
2.2	Explore multiplication of two whole numbers with products from 0 to 144 and related division facts.		2-5, 8-18, 20, 24, 25, 27, 29,-31, 39, 41, 42, 44, 45, 47, 48, 50, 51, 53, 64, 65, 67, 68, 70 SB: 20-1 to 20-19, 24-2, 25-3, 25-5, 25-6, 25-8 to 25-15	2-13, 43-49, 52-56 SB: 20-19 to 20-30, 20-33, 20-35, 25-20, 25-22, 25-23, 25-25, 25-26, 25-28	SB: 10-20, 12-5, 13-5, 15-23, 16-5, 17-5, 18-4
2.3	Multiply a one-digit number by a multiple of 10, up to 90, or a multiple of 100, up to 900, with procedural reliability.		52 SB: 20-20	17 SB: 22-2	SB: 22-4
2.4	Multiply two whole numbers, from 0 to 12 and divide using related facts with procedural reliability.			2-13, 43-49, 52-56 SB: 20-19 to 20-30, 20-33, 20-35, 25-20, 25-22, 25-23, 25-25, 25-26, 25-28	
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	Fractions				
MA.3.FR.1	<i>Understand fractions as numbers and represent fractions.</i>				
1.1	Represent and interpret unit fractions in the form $1/n$ as the quantity formed by one part when a whole is partitioned into n equal parts.				2, 3 SB: 30-3, 30-8

1.2	Represent and interpret fractions, including fractions greater than one, in the form m/n as the result of adding the unit fraction $1/n$ to itself m times.				2, 3, 11 SB: 30-6, 30-9
1.3	Read and write fraction, including fractions greater than one, using standard form, numeral-word form and word form.				5, 6, 8-10 SB: 30-1, 30-2, 30-5, 31-1, 31-2
MA.3.FR.2	<i>Order and compare fractions and identify equivalent fractions.</i>				
2.1	Plot, order and compare fractional numbers with the same numerator or the same denominator.				4, 7, 12, 13, 15 SB: 30-4, 32-1
2.2	Identify equivalent fraction and explain why they are equivalent.				14
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	Algebraic Reasoning				
MA.3.AR.1	<i>Solve multiplication and division problems.</i>				
1.1	Apply the distributive property to multiply a one-digit number and two-digit number. Apply properties of multiplication to find a product of one-digit whole numbers.			18, 21, 22 SB: 21-13	
1.2	Solve one- and two-step real world problems involving any of the four operations with whole numbers.	30-32, 38, 42-45, 52-55, 64, 65, 67 SB: 10-3 to 10-5, 10-13, 10-15, 15-1 to 15-5, 15-13 to 15-15, 15-18		10, 24, 25, 35, 36, 50, 51, 60, 76 SB: 25-23, 26-11, 26-12, 47-8, 47-9	SB: 11-5
MA.3.AR.2	<i>Develop an understanding of equality and multiplication and division.</i>				
2.1	Relate a division problem as a missing factor problem using the relationships between multiplication and division.	26, 28, 31, 32 SB: 25-4, 25-6, 25-7	28, 32, 62, 63, 66, 69 SB: 25-4, 25-6, 25-7, 25-9, 25-11, 25-15	44, 48, 49 SB: 25-20, 25-22, 25-28	

2.2	Determine and explain whether an equation involving multiplication and division is true or false.				
2.3	Determine the unknown number in a multiplication or division equation, relating three whole numbers, with the unknown in any position.	19, 60 SB: 24-1	62, 63, 66, 69 SB: 25-6, 25-7, 25-9, 25-11, 25-15	10, 48, 49, 50 SB: 19-9, 25-23, 26- 11, 47-8, 47-10	
MA.3.AR.3	Identify numerical patterns, including multiplicative patterns.				
3.1	Determine and explain whether a whole number from 1 to 1,000 is even or odd.	8 SB: 3-1			
3.2	Determine whether a whole number from 1 to 144 is a multiple of a given one-digit number.	9	16		
3.3	Identify, create and extend numerical patterns.	8-11 SB: 3-1, 3-2	6 SB: 20-4	14, 15 SB: 3-4, 20-31	SB: 3-5
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	Measurement				
MA.3.M.1	Measure attributes of objects and solve problems involving measurement.				
1.1	Select and use appropriate tools to measure the length of an object, the volume of a liquid within a beaker and temperature.				56, 57, 62 SB: 43-1 to 43-4
1.2	Solve real-world problems involving any of the four operation with whole-number lengths, masses, weights, temperatures or liquid volumes.				58-63 SB: 44-1 to 44-3, 45- 1, 45-2
MA.3.M.2	Tell and write time and solve problems involving time.				
2.1	Using analog and digital clocks tell and write time to the nearest minute using a.m. and p.m. appropriately.				50 SB: 41-1
2.2	Solve one- and two-step real world problems involving elapsed time.				51 SB: 41-2

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	Geometric Reasoning				
MA.3.GR.1	<i>Describe and identify relationships between lines and classify triangles.</i>				
1.1	Describe and draw points, lines, line segments, rays, intersecting lines, perpendicular lines and parallel lines. Identify these in two-dimensional figures.				29-31, 33 SB: 35-4 to 35-9, 36-2, 36-3
1.2	Identify and draw quadrilaterals based on their defining attributes. Quadrilaterals include parallelograms, rhombi, rectangles, squares and trapezoids.				39 SB: 37-7
1.3	Draw line(s) of symmetry in a two-dimensional figure and identify line-symmetric two-dimensional figures.				44, 45 SB: 38-1, 38-2
MA.3.GR.2	<i>Solve problems involving perimeter and area of rectangles.</i>				
2.1	Explore area as an attribute of a two-dimensional figure by covering the figure with unit squares without gaps or overlaps. Find areas of rectangles by counting squares.				68 SB: 46-5
2.2	Find the area of a rectangle with whole-number side lengths using a visual model and a multiplication formula.				69 SB: 46-6, 46-9, 46-11
2.3	Solve mathematical and real-world problems involving perimeter and area of rectangles with whole number side lengths using a visual model and formula.				65-67, 70 SB: 46-1 to 46-4, 46-8, 46-10
2.4	Solve mathematical and real-world problems involving perimeter and area of composite figures composed of non-overlapping rectangles with whole number side lengths.				SB: 46-7

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	Data Analysis and Probability				
MA.3.DP.1	<i>Collect, represent and interpret numerical and categorical data.</i>				
1.1	Collect and represent numerical and categorical data with whole-number values using tables, scaled pictographs, scaled bar graphs or line plots. Use appropriate titles, labels and units.		46, 49, 58 SB: 50-5, 50-6		
1.2	Interpret data with whole-number values represented with tables, scaled pictographs, circle graphs, scaled bar graphs or line plots by solving one- and two-step problems.	68-70 SB: 50-1 to 50-4	58 SB: 50-5	SB: 12-4, 50-7	