FLORIDA MATHEMATICS STANDARDS CORRELATED TO
MOVING WITH MATH®-BY-TOPIC LEVEL B GRADE 3

		Student Book	Skill Builders
	ALGEBRA		
	IDEA 1: Develop understanding of multiplication and division and strategies for basic multiplication facts and related division facts.		
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.	**BII:** 3-7, 17, 42, 43, 46, 54	20-1, 20-2, 25-1, 26-1
MA.3.A.1.2	Solve multiplication and division fact problems by using strategies that result from applying number properties.	**BII:** 8, 49	22-2
MA.3.A.1.3	Identify, describe, and apply division and multiplication as inverse operations.	**BII:** 44, 48	25-2, 27-3
	IDEA 2: Develop an understanding of fractions and fraction equivalence.		
MA.3.A.2.1	Represent fractions, including fractions greater than one, using area, set and linear models.	**BIII:** 3-13, 26	30-1 to 30-3, 31-1, 31-2, 34-1
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.	**BIII:** 3-7	
MA.3.A.2.3	Compare and order fractions, including fractions greater than one, using models and strategies.	**BIII:** 15-18	32-2, 32-3
MA.3.A.2.4	Use models to represent equivalent fractions, including fractions greater than one, and identify representations of equivalence.	**BIII:** 22	32-2
	GEOMETRY		
	IDEA 3: Describe and analyze properties of two-dimensional shapes		

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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.		**BIII:** 33		
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.				
MA.3.G.3.3	Build, draw and analyze two-dimensional shapes from several orientations in order to examine and apply congruence and symmetry.		**BIII:** 39		38-2, 39-1
	SUPPORTING IDEAS				
	ALGEBRA				
MA.3.A.4.1	Create, analyze, and represent patterns and relationships using words, variables, tables and graphs.		**BI:** 12		2-3, 3-1
	GEOMETRY AND MEASUREMENT				
MA.3.G.5.1	Select appropriate units, strategies and tools to solve problems involving perimeter.		**BIII:** 61-64		46-1, 46-2
MA.3.G.5.2	Measure objects using fractional parts of linear units such as 1/2, 1/4, and 1/10.		**BIII:** 49, 50		
MA.3.G.5.3	Tell time to the nearest minute and to the nearest quarter hour, and determine the amount of time elapsed.		**BIII:** 44, 45		41-1 to 41-3
	NUMBER AND OPERATIONS				
MA.3.A.6.1	Represent, compute, estimate and solve problems using numbers through hundred thousands.		**BI:** 28, 50-52, 71, 76-78		2-4, 12-3, 17-3
MA.3.A.6.2	Solve non-routine problems by making a table, chart, or list and searching for patterns.		**BIII:** 69		
	DATA ANALYSIS				
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.		**BIII:** 72-75		50-1, 50-2
	BI: *Numeration, Addition and Subtraction*				
	BII: *Multiplication and Division*				
	BIII: *Fractions, Geometry and Measurement*				