FLORIDA SUNSHINE STATE STANDARDS CORRELATED TO
MOVING WITH MATH®-BY-TOPIC LEVEL C GRADE 6

		Student Book	Skill Builders
	ALGEBRA		
	IDEA 1: Develop an understanding of and fluency with multiplication and division of fractions and decimals.		
MA.6.A.1.1	Explain and justify procedures for multiplying and dividing fractions and decimals.	**CII:** 48, 49, 52, 53, 81, 82, 85, 88, 89	19-1, 20-1, 27-2, 28-2
MA.6.A.1.2	Multiply and divide fractions and decimals efficiently.	**CII:** 53, 81, 83, 84	19-3, 20-3, 28-1
MA.6.A.1.3	Solve real-world problems involving multiplication and division of fractions and decimals.	**CII:** 8, 50, 51, 53, 87, 90	20-3, 27-1, 28-1
	IDEA 2: Connect ratio and rates to multiplication and division.		
MA.6.A.2.1	Use reasoning about multiplication and division to solve ratio and rate problems.	**CII:** 26-29	45-6, 45-7
MA.6.A.2.2	Interpret and compare ratios and rates.	**CII:** 26-29	
	IDEA 3: Write, interpret, and use mathematical expressions and equations.		
MA.6.A.3.1	Write and evaluate mathematical expressions that correspond to given situations.	**CI:** 68	
MA.6.A.3.2	Write, solve, and graph one- and two-step linear equations and inequalities.		
MA.6.A.3.3	Work backward with two-step function rules to undo expressions.		
MA.6.A.3.4	Solve problems given a formula.		
MA.6.A.3.5	Apply the Commutative, Associative, and Distributive Properties to show that two expressions are equivalent.	**CI:** 23-25	5-1, 5-2
MA.6.A.3.6	Construct and analyze tables, graphs and equations to describe linear functions and other simple relations using both common language and algebraic notation.	**CI:** 72, 73	

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	SUPPORTING IDEAS		
	GEOMETRY AND MEASUREMENT		
MA.6.G.4.1	Understand the concept of π, know common estimates of π (3.14; 22/7) and use these values to estimate and calculate the circumference and the area of circles.		
MA.6.G.4.2	Find the perimeters and areas of composite two-dimensional figures, including non-rectangular figures (such as semicircles) using various strategies.	CIII: 39, 41, 43	38-2 to 38-4
MA.6.G.4.3	Determine a missing dimension of a plane figure or prism, given its area or volume and some of the dimension, or determine the area or volume given the dimensions.	CIII: 49	
	NUMBER AND OPERATIONS		
MA.6.A.5.1	Use equivalent forms of fractions, decimals, and percents to solve problems.	CII: 95, 97, 98	27-2, 30-1 to 30-3
MA.6.A.5.2	Compare and order fractions, decimals, and percents, including finding their approximate location on a number line.	CII: 16, 17, 66, 67, 72, 74	13-1, 13-2, 24-1
MA.6.A.5.3	Estimate the results of computations with fractions, decimals, and percents and judge the reasonableness of the results.	CII: 47, 57, 80, 92	20-4
	DATA ANALYSIS		
MA.6.S.6.1	Determine the measures of central tendency (mean, median and mode) and variability (range) for a given set of data.	CI: 58, 59	46-2
MA.6.S.6.2	Select and analyze the measures of central tendency or variability to represent, describe, analyze and/or summarize a data set for the purposes of answering questions appropriately.	CI: 59	
	CI: *Numeration and Problem Solving*		
	CII: *Fractions, Decimals and Percent*		
	CIII: *Geometry and Measurement*		
	Correlation: 17/19 = 90%		