



Math Teachers Press, Inc.

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FLORIDA MATHEMATICS STANDARDS CORRELATED TO *MOVING WITH MATH® EXTENSIONS GRADE 4*

		Student Book	Skill Builders
	ALGEBRA		
	IDEA 1: Develop quick recall of multiplication facts and related division facts and fluency with whole number multiplication.		
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.	25-33, 38, 39	20-1, 20-3, 21-1, 21-2, 22-1, 23-1, 25-1, 25-3
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.	28-32, 34, 36	21-1, 21-2, 22-1, 23-1, 47-3, 48-1
	IDEA 2: Develop an understanding of decimals, including the connection between fractions and decimals.		
MA.4.A.2.1	Use decimals through the thousandths place to name numbers between whole numbers.		
MA.4.A.2.2	Describe decimals as an extension of the base-ten number system.		47-3
MA.4.A.2.3	Relate equivalent fractions and decimals with and without models, including locations on a number line.		
MA.4.A.2.4	Compare and order decimals, and estimate fraction and decimal amounts in real-world problems.		
	GEOMETRY		
	IDEA 3: Develop an understanding of area and determine the area of two-dimensional shapes.		
MA.4.G.3.1	Describe and determine area as the number of same-sided units that cover a region in the plane, recognizing that a unit square is the standard unit for measuring area.	62	46-2

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MA.4.G.3.2	Justify the formula for the area of the rectangle "area = base x height."		
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.	62	
	SUPPORTING IDEAS		
	ALGEBRA		
MA.4.A.4.1	Generate algebraic rules and use all four operations to describe patterns, including nonnumeric growing or repeating patterns		
MA.4.A.4.2	Describe mathematics relationships using expressions, equations, and visual representations.	11, 12	9-1, 9-2, 20-2, 49-2
MA.4.A.4.3	Recognize and write algebraic expressions for functions with two operations.		
	GEOMETRY AND MEASUREMENT		
MA.4.G.5.1	Classify angles of two-dimensional shapes using benchmark angles (i.e. 45° , 90° , 180° , and 360°).		
MA.4.G.5.2	Identify and describe the results of translations, reflections, and rotation of 45, 90, 180, 270 and 360 degrees, including figures with line and rotational symmetry.		
MA.4.G.5.3	Identify and build a three-dimensional object from a two-dimensional representation of that object and vice versa.		
	NUMBER AND OPERATIONS		
MA.4.A.6.1	Use and represent numbers through millions in various contexts, including estimation of relative sizes	2-4, 22	2-1, 6-1
MA.4.A.6.2	Use models to represent division as:	37-39, 42, 43	25-2, 25-3, 27-1
	• the inverse of multiplication		
	• as partitioning		
	• as successive subtraction		
MA.4.A.6.3	Generate equivalent fractions and simplify fractions.		32-1
MA.4.A.6.4	Determine factors and multiples for specified whole numbers.		
MA.4.A.6.5	Relate halves, fourths, tenths, and hundredths to decimals and percents.		

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AM.4.A.6.6	Estimate and describe reasonableness of estimates; determine the appropriateness of an estimate versus an exact answer.	22, 34	46-2