

5th Mathematics Pacing Guide (by quarter)

Date Completed	Pacing	SPI	State Performance Indicator	Standard Category
			5th Grade Math Curriculum Pacing Guide Effective August 2009	
	4th grade	SPI 0506.2.1	Read and write numbers from millions to millionths in various contexts.	Number and Operations
	4th grade	SPI 0506.2.3	Select a reasonable solution to a real-world division problem in which the remainder must be considered.	Number and Operations
	4th grade	SPI 0506.2.4	Solve problems involving the division of two- and three-digit whole numbers by one- and two-digit whole numbers.	Number and Operations
	4th grade	SPI 0506.2.7	Recognize equivalent representations for the same number.	Number and Operations
	4th grade	SPI 0506.2.9	Compare whole numbers, decimals, and fractions using the symbols $<$, $>$, and $=$.	Number and Operations
	1A	SPI 0506.1.4	Identify missing information and/or too much information in contextual problems.	Mathematical Processes
	1A	SPI 0506.2.8	Write terminating decimals in the form of fractions or mixed numbers.	Number and Operations
	1A	SPI 0506.2.9	Compare whole numbers, decimals, and fractions using the symbols $<$, $>$, and $=$.	Number and Operations
	1A	SPI 0506.3.1	Evaluate algebraic expressions involving decimals and fractions using order of operations.	Algebra
	1B	SPI 0506.1.2	Estimate fraction and decimal sums or differences.	Mathematical Processes
	1B	SPI 0506.1.3	Recognize the unit associated with the remainder in a division problem or the meaning of the fractional part of a whole given in either decimal or fraction form.	Mathematical Processes
	2A	SPI 0506.5.2	Make predictions based on various data representations, including double bar and line graphs.	Data, Probability, and Statistics

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	2A	SPI 0506.2.5	Solve addition and subtraction problems involving both fractions and decimals.	Number and Operations
	2A	SPI 0506.5.1	Depict data using various representations, including decimal and/or fractional data.	Data, Probability, and Statistics
	2A	SPI 0506.2.6	Add and subtract proper and improper fractions as well as mixed numbers.	Number and Operations
	2A	SPI 0506.4.6	Record measurements in context to a reasonable degree of accuracy using decimals and/or fractions.	Geometry and Measurement
	2B	SPI 0506.2.1	Read and write numbers from millions to millionths in various contexts.	Number and Operations
	2B	SPI 0506.2.7	Recognize equivalent representations for the same number.	Number and Operations
	2B	SPI 0506.2.2	Write the prime factorization of numbers through 50 using both exponential and standard notation.	Number and Operations
	2B	SPI 0506.5.3	Calculate measures of central tendency to analyze data.	Data, Probability, and Statistics
	3A	SPI 0506.1.1	Given a series of geometric statements, draw a conclusion about the figure described.	Mathematical Processes
	3A	SPI 0506.4.5	Find the length of vertical or horizontal line segments in the first quadrant of the coordinate system, including problems that require the use of fractions and decimals.	Geometry and Measurement
	3A	SPI 0506.3.2	Evaluate multi-step numerical expressions involving fractions using order of operations.	Algebra
	3A	SPI 0506.3.3	Find the unknown in single-step equations involving fractions and mixed numbers.	Algebra
	3A	SPI 0506.3.4	Given a set of values, identify those that make an inequality a true statement.	Algebra
	3B	SPI 0506.4.3	Identify a three-dimensional object from two-dimensional representations of that object and vice versa.	Geometry and Measurement
	3B	SPI 0506.4.1	Solve contextual problems that require calculating the area of triangles and parallelograms.	Geometry and Measurement

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	3B	SPI 0506.4.2	Decompose irregular shapes to find perimeter and area.	Geometry and Measurement
	3B	SPI 0506.4.4	Solve problems involving surface area and volume of rectangular prisms and polyhedral solids.	Geometry and Measurement
	3B	SPI 0506.2.3	Select a reasonable solution to a real-world division problem in which the remainder must be considered.	Number and Operations
	3B	SPI 0506.2.4	Solve problems involving the division of two- and three-digit whole numbers by one- and two-digit whole numbers.	Numbers and Operations
	4A/4B/Sixth Grade	SPI 0606.3.4	Rewrite expressions to represent quantities in different ways.	Algebra
	4A/4B/Sixth Grade	SPI 0606.2.7	Locate positive rational numbers on a number line.	Number and Operations
	4A/4B/Sixth Grade	SPI 0606.2.8	Locate integers on the number line.	Number and Operations
	4A/4B/Sixth Grade	SPI 0606.1.3	Use concrete, pictorial, and symbolic representation for integers.	Mathematical Processes
	4A/4B/Sixth Grade	SPI 0606.3.9	Graph ordered pairs of integers in all four quadrants of the Cartesian coordinate system.	Algebra