

8th Grade Mathematics Pacing Guide (by quarter)

8th Grade Math Curriculum Pacing Guide				
Date Completed	Pacing	SPI	State Performance Indicator	Standard Category
			8th Grade Math Curriculum Pacing Guide Effective August 2009	
	7th grade/1A	SPI 0806.2.1	Order and compare rational and irrational numbers and locate them on the number line.	Number and Operations
	7th grade/1A	SPI 0806.2.2	Identify numbers and square roots as rational or irrational.	Number and Operations
	7th grade/1A	SPI 0806.2.3	Use scientific notation to compute products and quotients.	Number and Operations
	7th grade/1A	SPI 0806.2.4	Solve real-world problems requiring scientific notation.	Number and Operations
	1B	SPI 0806.1.1	Solve problems involving rate/time/distance (i.e., $d=rt$).	Mathematical Processes
	1B	SPI 0806.1.2	Interpret a qualitative graph representing a contextual situation.	Mathematical Processes
	1B	SPI 0806.1.3	Calculate rates involving cost per unit to determine the best buy.	Mathematical Processes
	2A	SPI 0806.4.1	Use the Pythagorean Theorem to solve contextual problems.	Geometry and Measurement
	2A	SPI 0806.4.2	Apply the Pythagorean Theorem to find distances between points in the coordinate plane to measure lengths and analyze polygons and polyhedra.	Geometry and Measurement
	2A	SPI 0806.4.3	Find measures of the angles formed by parallel lines cut by a transversal.	Geometry and Measurement
	2A	SPI 0806.4.5	Identify the intersection of two or more geometric figures in the plane.	Geometry and Measurement
	2B	SPI 0806.5.1	Calculate probabilities of events for simple experiments with equally probable outcomes.	Data Analysis, Statistics, and Probability