

Standards Table: 5th Grade Mathematics

SPIs: Focus Content

Mathematical Processes	SPI 0506.1.2 Estimate fraction and decimal sums or differences.
	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.
Number and Operations	SPI 0506.2.1 Read and write numbers from millions to millionths in various contexts.
	SPI 0506.2.3 Select a reasonable solution to a real-world division problem in which the remainder must be considered.
	SPI 0506.2.4 Solve problems involving the division of two- and three-digit whole numbers by one- and two-digit whole numbers.
	SPI 0506.2.5 Solve addition and subtraction problems involving both fractions and decimals.
	SPI 0506.2.6 Add and subtract proper and improper fractions as well as mixed numbers.
	SPI 0506.2.7 Recognize equivalent representations for the same number.
	SPI 0506.2.8 Write terminating decimals in the form of fractions or mixed numbers.
	SPI 0506.2.9 Compare whole numbers, decimals and fractions using the symbols $<$, $>$, and $=$.
Algebra	SPI 0506.3.2 Evaluate multi-step numerical expressions involving fractions using order of operations.
	SPI 0506.3.3 Find the unknown in single-step equations involving fractions and mixed numbers.
SPIs: Other Content	
Geometry and Measurement	SPI 0506.4.4 Solve problems involving surface area and volume of rectangular prisms and polyhedral solids.
	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.
Data Analysis, Statistics and Probability	SPI 0506.5.1 Depict data using various representations, including decimal and/or fractional data.

Standards Table: 5th Grade Mathematics

Dropped SPIs: These SPIs will not appear on the 2013-14 TCAP Achievement Exams	
Mathematical Processes	SPI 0506.1.1 Given a series of geometric statements, draw a conclusion about the figure described.
	SPI 0506.1.4 Identify missing information and/or too much information in contextual problems.
Number and Operations	SPI 0506.2.2 Write the prime factorization of numbers through 50 using both exponential and standard notation.
Algebra	SPI 0506.3.1 Evaluate algebraic expressions involving decimals and fractions using order of operations.
	SPI 0506.3.4 Given a set of values, identify those that make an inequality a true statement.
Geometry and Measurement	SPI 0506.4.1 Solve contextual problems that require calculating the area of triangles and parallelograms.
	SPI 0506.4.2 Decompose irregular shapes to find perimeter and area.
	SPI 0506.4.3 Identify a three-dimensional object from two-dimensional representations of that object and vice versa.
	SPI 0506.4.6 Record measurements in context to reasonable degree of accuracy using decimals and/or fractions.
Data Analysis, Statistics and Probability	SPI 0506.5.2 Make predictions based on various data representations, including double bar and line graphs.
	SPI 0506.5.3 Calculate measures of central tendency to analyze data.