State Performance Indicators (SPI's) to be Dropped from the
2012-2013 Mathematics Grades 3-8 TCAP

3rd grade:

Grade	SPI Code	SPI Language
3	SPI 0306.1.1	Solve problems using a calendar.
3	SPI 0306.1.3	Determine the correct chance from a transaction less than a dollar
3	SPI 0306.1.6	Identify and use vocabulary to describe attributes of two- and three-dimensional shapes.
3	SPI 0306.1.8	Express answers clearly in verbal, numerical or graphical (bar and picture) form, using units when appropriate
3	SPI 0306.3.4	Describe or extend (including finding missing terms) geometric and numeric patterns.
3	SPI 0306.4.2	Determine if two figures are congruent based on size and shape.
3	SPI 0306.4.3	Identify the line of symmetry in a two-dimensional design or shape.
3	SPI 0306.5.3	Make predictions based on various representations of data.

4th grade:

Grade	SPI Code	SPI Language
4	SPI 0406.1.2	Compare decimals using concrete and pictorial representations.
4	SPI 0406.1.3	Compare decimals using concrete and pictorial representations. Determine the correct change from a transaction.
4	SPI 0406.3.2	Make generalizations about geometric and numeric patterns.
4	SPI 0406.4.3	Construct geometric figures with vertices at points on a coordinate grid.
4	SPI 0406.4.5	Identify attributes of simple and compound figures composed of 2- and 3-dimensional shapes.
4	SPI 0406.4.6	Determine situations in which a highly accurate measurement is important.
4	SPI 0406.4.10	Identify images resulting from reflections, translations, or rotations.
4	SPI 0406.5.3	Given a set of data or a graph, describe the distribution of the data using median, range, or mode.
4	SPI 0406.5.4	List all possible outcomes of a given situation or event.

5th grade:

Grade	SPI Code	SPI Language

5	SPI 0506.1.1	Given a series of geometric statements, draw a conclusion about the figure described.
5	SPI 0506.2.2	Write the prime factorization of numbers through 50 using both exponential and standard notation.
5	SPI 0506.4.3	Identify a three-dimensional object from two-dimensional representations of that object and vice versa.
5	SPI 0506.4.6	Record measurements in context to reasonable degree of accuracy using decimals and/or fractions.
5	SPI 0506.5.2	Make predictions based on various data representations, including double bar and line graphs.

6th grade:

Grade	SPI Code	SPI Language
6	SPI 0606.3.1	Represent on a number line the solution of a linear inequality.
6	SPI 0606.3.2	Use order of operations and parentheses to simplify expressions and solve problems.
6	SPI 0606.3.7	Use algebraic expressions and properties to analyze numeric and geometric patterns.
6	SPI 0606.3.8	Select the qualitative graph that models a contextual situation (e.g., water filling then draining from a bathtub).
6	SPI 0606.4.1	Identify, define or describe geometric shapes given a visual representation or a written description of its properties.
6	SPI 0606.4.3	Solve problems using the Triangle Inequality Theorem.
6	SPI 0606.4.6	Given the volume of a cone/pyramid, find the volume of the related cylinder/prism or vice versa.
6	SPI 0606.5.1	Determine the theoretical probability of simple and compound events in familiar contexts.

7th grade:

Grade	SPI Code	SPI Language
7	SPI 0706.2.3	Use rational numbers and roots of perfect squares/cubes to solve contextual problems.
7	SPI 0706.2.4	Determine the approximate location of square/cube roots on a number line.
7	SPI 0706.3.2	Determine whether a relation (represented in various ways) is a function.
7	SPI 0706.3.3	Given a table of inputs x and outputs f(x), identify the function rule and continue the pattern.
7	SPI 0706.3.9	Solve linear inequalities in one variable with rational coefficients symbolically or graphically.
7	SPI 0706.4.2	Use SSS, SAS, and AA to determine if two triangles are similar.
7	SPI 0706.5.1	Interpret and employ various graphs and charts to represent data.
7	SPI 0706.5.2	Select suitable graph types (such as bar graphs, histograms, line graphs, circle graphs, box-and-whisker plots, and stem-and-leaf plots) and use them to create accurate representations of given data.

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8th grade:

Grade	SPI Code	SPI Language
8	SPI 0806.3.3	Solve and graph linear inequalities in two variables.
8	SPI 0806.4.4	Convert between and within the U.S. Customary System and the metric system.
8	SPI 0806.4.5	Identify the intersection of two or more geometric figures in the plane.
8	SPI 0806.5.1	Calculate probabilities of events for simple experiments with equally probable outcomes.
8	SPI 0806.5.2	Use a variety of methods to compute probabilities for compound events (e.g., multiplication, organized lists, tree diagrams, area models).