I CAN DO STANDARDS!

Third Grade   Mathematics

*Power Standards are identified in BOLD, large font

Number Sense

1.1   I can count, read, and write whole numbers to 10,000.
1.2   I can compare and order numbers to 10,000.

1.3   I can identify place value for each digit to 10,000.*

1.4   I can round off numbers to 10,000 to the nearest ten, hundred and thousand.
1.5   I can use expanded notation to represent numbers.

2.1   I can add and subtract whole numbers 0 through 10,000.*

2.2   I have memorized the multiplication tables from 1 to 10.*

2.3   I know that multiplication and division are opposites and I use this to solve
        problems and check answers.
2.4   I can multiply a multi-digit number by a 1-digit number.
2.5   I can divide a multi-digit number by a 1-digit number.
2.6   I understand the meaning of 0 (zero) and 1 in both multiplication and division.
2.7   I can solve money word problems where I need to figure out how much one item
        costs when I know the total amount paid and how many items were bought.
2.8   I can solve problems that require two or more of the skills written above.

3.1   I can compare fractions shown by drawing or concrete materials to show equivalency and to add and subtract simple fractions.*

3.2   I can add and subtract fractions with common denominators.
3.3   I can solve money word problems involving addition, subtraction, multiplication, and
        division using decimals.
3.4   I can explain the connection between whole numbers, fractions and decimals,
        like 50 cents is ½ of $1.00 and 75 cents is ¾ of $1.00.

Algebra and Functions

1.1 I can write math expressions and equations using symbols to show how numbers relate to each other.*

1.2   I can solve problems with number equations or inequalities.
1.3   I can use correct symbols to show operations and to compare numbers.
1.4   I can change units of measurement.
1.5   I know and can use the commutative and associative properties of multiplication.

2.1   I can solve problems involving a relationship between 2 things.*

2.2   I can recognize and continue a pattern to solve a problem.

Measurement and Geometry

1.1 I can estimate and accurately measure the length, liquid volume, and weight of objects. I can choose which measurement tools and units I need to use.*

1.2   I can use squares or cubes to figure out the area and volume of solid figures.
1.3   I can find the perimeter of a polygon.
1.4   I can calculate measurement answers in more than one way, changing inches to feet,
        centimeters to meters, minutes to hours, weeks to months, and so on.

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2.1 I can identify, describe, and classify polygons.*
2.2 I can name and describe different kinds of triangles.
2.3 I can name and describe different kinds of quadrilaterals.
2.4 I can identify right angles and explain whether any angle is greater or less than 90 degrees.

2.5 I can identify, describe and classify common 3-dimensional geometric objects, and the shapes that can be seen in more complex solid objects.

Data Analysis and Patterns of Information

1.1 I can tell whether something is certain, likely, unlikely, or improbable.
1.2 I can record the possible outcomes for a simple repeated event.*
1.3 I can make a bar graph or line plot to show results of a probability experiment.
1.4 I can make good predictions as a result of a probability experiment.

Mathematical Reasoning

1.1 I can identify when a word problem doesn't have enough information to solve it, or has unimportant information. I can also explain which information in the word problem is the most important.*
1.2 I can decide when and how to break a problem into simpler parts.
2.1 I can use estimation to prove if an answer is reasonable.
2.2 I can use strategies from simple problems to help solve more difficult problems.
2.3 I can communicate my math thinking in different ways, using models, diagrams, tables, charts, graphs, symbols, numbers, and words.*
2.4 I can clearly explain and justify my solutions using mathematical vocabulary and symbols, both written and oral.
2.5 I know when an exact answer is needed and when it is better to estimate.
2.6 I can calculate accurately and check the accuracy of my answer using the information from the original problem.
3.1 I can check if my problem solution makes any sense.
3.2 I can tell how I came up with my answer and explain how I can solve similar problems.
3.3 I can develop generalizations of the results obtained and apply them in other circumstances.