"I Can" Do Math

(Operations & Algebraic Thinking)

I can use the four operations (+, -, x, ÷)
to help me solve problems.

4.OA.A.1

I can understand that multiplication equations can be seen as comparisons of groups (e.g., 24 = 4 x 6 can be thought of as 4 groups of 6 or 6 groups of 4).

4.OA.A.2

I can multiply or divide to solve word problems by using drawings or writing equations and solving for a missing number.

"I Can" Do Math

(Operations & Algebraic Thinking)

I can use the four operations (+, -, x, ÷) to help me understand math.

4.OA.A.3

I can determine how reasonable my answers to word problems are by using estimation, mental math and rounding.

I can become familiar with factors and multiples.

4.OA.B.4

I can find all factor pairs
for a whole number from 1 to 100.

I can recognize a whole number as a multiple of each of its factors.

"I Can" Do Math
(Operations & Algebraic Thinking)

4.OA.B.4
I can determine whether a whole number from 1 to 100 is a multiple of a given one-digit number.

I can determine whether a given whole number up to 100 is a prime or composite number.

"I Can" Do Math

(Operations & Algebraic Thinking)

I can create and analyze patterns.

4.OA.C.5

I can create a number or shape pattern that follows a given rule.

I can notice and point out different features of a pattern once it is created by a rule.

"I Can" Do Math

(Numbers & Operations in Base Ten)

*I can use place value
to help me understand larger numbers.*

4.NBT.A.1

I can recognize that in a multi-digit whole number, a digit in one place represents ten times what it represents in the place to its right.

4.NBT.A.2

I can read and write larger whole numbers using numerals, words and in expanded form.

"I Can" Do Math

(Numbers & Operations in Base Ten)

4.NBT.A.2

I can compare two larger numbers by using what I know about the values in each place.

I can compare two larger numbers and use the symbols >, = and < to show the comparison.

4.NBT.A.3

I can round larger whole numbers to any place.

"I Can" Do Math

(Numbers & Operations in Base Ten)

I can use what I know about place value and operations (+,-,x,÷) to solve problems with larger numbers.

4.NBT.B.4

I can add and subtract larger numbers.

4.NBT.B.5

I can multiply a whole number up to four digits by a one-digit whole number.

I can multiply two two-digit numbers.

I can illustrate and explain how to multiply larger numbers by using equations, arrays or models.

"I Can" Do Math

(Numbers & Operations in Base Ten)

4.NBT.B.6

I can find whole-number quotients and remainders with up to four-digit dividends and one-digit divisors.

I can illustrate and explain how to divide larger numbers by using equations, arrays or models.

"I Can" Do Math

(Numbers & Operations - Fractions)

*I can improve
my understanding of fractions.*

4.NF.A.1

I can explain (and show models for) why multiplying a numerator and a denominator by the same number does not change the value of a fraction.

I can recognize and generate equivalent fractions based on my knowledge of numerators and denominators.

"I Can" Do Math

(Numbers & Operations - Fractions)

4.NF.A.2

I can compare two fractions with different numerators and different denominators by creating common denominators or numerators or by comparing them to a benchmark fraction like one-half.

I can recognize that comparisons of fractions are valid only when the two fractions refer to the same whole.
4.NF.A.2 I can compare fractions using the symbols >, = and <, and justify the comparison by using models.

"I Can" Do Math

(Numbers & Operations - Fractions)

I can build fractions from unit fractions.

4.NF.B.3

I can understand a fraction a/b, with a > 1, as a sum of fractions 1/b.

4.NF.B.3.A

I can understand addition and subtraction of fractions as joining and separating parts referring to the same whole.

4.NF.B.3.B

I can decompose a fraction into a sum of fractions with the same denominator in more than one way and justify my work using models.

"I Can" Do Math

(Numbers & Operations - Fractions)

4.NF.B.3.C
I can add and subtract mixed numbers with like denominators.

4.NF.B.3.D
I can solve word problems involving addition and subtraction of fractions that refer to the same whole and that have like denominators.

"I Can" Do Math
(Numbers & Operations - Fractions)

4.NF.B.4
I can apply my understanding of multiplication to multiply a fraction by a whole number.

4.NF.B.4.A
I can understand a fraction a/b as a multiple of 1/b. (e.g., I know that 5/4 is the product of 5 x (1/4))

4.NF.B.4.B
I can understand a multiple of a/b as a multiple of 1/b and use that knowledge to multiply a fraction by a whole number. (e.g., n x (a/b) = (n x a)/b)

4.NF.B.4.C
I can solve word problems involving multiplication of a fraction by a whole number.

"I Can" Do Math

(Numbers & Operations - Fractions)

*I can understand
how fractions and decimals are related.*

4.NF.C.5

I can show a fraction with a denominator of 10 as an equivalent fraction with a denominator of 100
in order to add the two fractions.

4.NF.C.6

I can use decimals to show fractions with denominators of 10 and 100.

"I Can" Do Math

(Numbers & Operations - Fractions)

4.NF.C.7

I can compare two decimals to hundredths by reasoning about their size and realizing that the comparison is only true if the two decimals refer to the same whole.

I can compare decimals using the symbols >, = and <, and justify the comparison by using models.

"I Can" Do Math

(Measurement & Data)

I can solve problems involving measurement and conversion of measurements.

4.MD.A.1

I can show that I know the relative size of measurement units within one system of units. (including km, m, cm; kg, g; lb, oz; l, ml; hr, min, sec)

I can show the measurements in a larger unit in terms of smaller units and record these in a table.

"I Can" Do Math
(Measurement & Data)

4.MD.A.2
I can use the four operations
(+, -, x, ÷)
to solve word problems
involving measurement.

I can solve measurement problems
involving simple fractions and decimals.

I can solve problems that ask me to
express measurements given in a larger
unit in terms of a smaller unit.

I can show measurement quantities using
diagrams that involve a measurement scale
(e.g., a number line).

4.MD.A.3
I can use what I know about area and
perimeter to solve real world problems
involving rectangles.

"I Can" Do Math

(Measurement & Data)

I can represent and interpret data.

4.MD.B.4

I can make a line plot to show a data set of measurements involving fractions.

I can solve problems involving addition and subtraction of fractions by using information shown in line plots.

"I Can" Do Math

(Measurement & Data)

I can understand the concept of measurement in geometry with regard to angles.

4.MD.C.5

I can recognize angles as geometric shapes where two rays share a common endpoint.

I can understand concepts of angle measurement.

4.MD.C.5.A

I can understand that angles are measured with reference to a 360°circle, with its center at the common endpoint of the rays.

4.MD.C.5.B

I can understand that an angle that turns through n one-degree angles is said to have an angle measurement of n degrees.

"I Can" Do Math

(Measurement & Data)

4.MD.C.6

I can use a protractor to measure and sketch angles in whole-number degrees.

4.MD.C.7

I can solve real-world and mathematical addition and subtraction problems to find unknown angles.

"I Can" Do Math

(Geometry)

*I can use geometry
to help me understand math.*

4.G.A.1

I can identify and draw points, lines, line
segments, rays, angles,
and perpendicular & parallel lines.

4.G.A.2

I can classify two-dimensional shapes
based on what I know about their
geometrical attributes.

I can recognize and identify right triangles.

4.G.A.3

I can recognize, identify and
draw lines of symmetry.