“I Can” Do Math

(Operations & Algebraic Thinking)

I can write and solve problems using multiplication and division.

3.OA.A.1

I can understand multiplication by thinking about groups of objects.

3.OA.A.2

I can understand division by thinking about how one group can be divided into smaller groups.

3.OA.A.3

I can use what I know about multiplication and division to solve word problems.

“I Can” Do Math

(Operations & Algebraic Thinking)

3.OA.A.4

I can find the missing number in a multiplication or division equation.

3.OA.B.5

I can use the Commutative property of multiplication. (I know that if 6 x 4 = 24, then 4 x 6 = 24.)

3.OA.B.5

I can use the Associative property of multiplication. (To figure out 3 x 5 x 2, I can multiply 3 x 5 = 15, then 15 x 2 = 30 OR multiply 5 x 2 = 10, then 3 x 10 = 30.)

“I Can” Do Math

(Operations & Algebraic Thinking)

3.OA.B.5

I can use the
distributive property of multiplication.
(To figure out 8 x 7, I can think of 8 x (5 + 2) which means (8 x 5) + (8 x 2) = 40 + 16 = 56.)

3.OA.B.6

I can find the answer to a division problem by thinking of the missing factor in a multiplication problem.
(I can figure out 32 ÷ 8 because I know that 8 x 4 = 32.)

3.OA.C.7

I can multiply and divide within 100 easily and quickly because I know how multiplication and division are related.

“I Can” Do Math

(Operations & Algebraic Thinking)

3.OA.D.8

I can solve two-step word problems that involve addition, subtraction, Multiplication, and division.

I can solve two-step word problems by writing an equation with a letter in place of the number I don't know.

I can use mental math to figure out if the answers to two-step word problems are reasonable.

3.OA.D.9

I can find patterns in addition and multiplication tables and explain them using what I know about how numbers work.

“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.

3.NBT.A.1

I can use place value
to help me round numbers
to the nearest 10 or 100.

3.NBT.A.2

I can quickly and easily
add and subtract numbers within 1000.

3.NBT.A.3

I can multiply any one digit whole number
by a multiple of 10. (6 x 90, 4 x 30)

“I Can” Do Math

(Numbers & Operations - Fractions)

I can understand fractions.

3.NF.A.1

I can show and understand that fractions represent equal parts of a whole, where the top number is the part and the bottom number is the total number of parts in the whole.

3.NF.A.2

I can understand a fraction as a number on the number line by showing fractions on a number line diagram.

“I Can” Do Math

(Numbers & Operations - Fractions)

3.NF.A.2.A

I can label fractions on a number line
because I know the space
between any two numbers on the
number line can be thought of as a whole.

3.NF.A.2.B

I can show a fraction on a number line
by marking off equal parts
between two whole numbers.

3.NF.A.3

I can understand how some different
fractions can actually be equal.

I can compare fractions
by reasoning about their size.

“I Can” Do Math

(Numbers & Operations - Fractions)

3.NF.A.3.A

I can understand two fractions as equivalent (equal) if they are the same size or at the same point on a number line.

3.NF.A.3.B

I can recognize and write simple equivalent (equal) fractions and explain why they are equal using words or models.

3.NF.A.3.C

I can show whole numbers as fractions.
(3 = 3/1)

I can recognize fractions
that are equal to one whole.
(1 = 4/4)

“I Can” Do Math

(Numbers & Operations - Fractions)

3.NF.A.3.D

I can compare two fractions
with the same numerator (top number)
or the same denominator (bottom number)
by reasoning about their size.

I can understand that comparing two
fractions is only reasonable
if they refer to the same whole.

I can compare fractions
with the symbols >, =, < and
prove my comparison by using models.

“I Can” Do Math

(Measurement & Data)

I can solve problems that involve measurement and estimation.

3.MD.A.1

I can tell and write time to the nearest minute.

I can measure time in minutes.

I can solve telling time word problems by adding and subtracting minutes.

3.MD.A.2

I can measure liquids and solids with grams (g), kilograms (kg), and liters (l).

I can use addition, subtraction, multiplication, and division to solve word problems about mass or volume.

“I Can” Do Math

(Measurement & Data)

I can understand how information is shared using numbers.

3.MD.B.3

I can make a picture or bar graph to show data and solve problems using the information from the graphs.

3.MD.B.4

I can create a line plot from measurement data, where the measured objects have been measured to the nearest whole number, half or quarter.

“I Can” Do Math

(Measurement & Data)

I can understand area.

3.MD.C.5

I can understand that one way to measure plane shapes is by the area they have.

3.MD.C.5.A

I can understand that a "unit square" is a square with side lengths of 1 unit and it is used to measure the area of plane shapes.

3.MD.C.5.B

I can cover a plane shape with square units to measure its area.

“I Can” Do Math

(Measurement & Data)

3.MD.C.6

I can measure areas
by counting unit squares.
(square cm, square m, square in, square ft.)

3.MD.C.7

I can understand area by thinking about
multiplication and addition.

3.MD.C.7.A

I can find the area of a rectangle
using square tiles and also
by multiplying the two side lengths.

3.MD.C.7.B

I can solve real world problems about area
using multiplication.

“I Can” Do Math

(Measurement & Data)

3.MD.C.7.C

I can use models to show that the area of a rectangle can be found by using the distributive property. (side lengths and b+c is the sum of a x b and a x c)

3.MD.C.7.D

I can find the area of a shape by breaking it down into smaller shapes and then adding those areas to find the total area.

“I Can” Do Math

(Measurement & Data)

I can understand perimeter.

3.MD.D.8

I can solve real world math problems using what I know about how to find the perimeter of shapes.

“I Can” Do Math

(Geometry)

I can understand shapes better
by using what I notice about them.

3.G.A.1

I can place shapes into categories depending upon their attributes (parts).

I can name a category of many shapes by looking at their attributes (parts).

I can recognize and draw quadrilaterals (shapes with four sides) including rhombuses, rectangles and squares.

3.G.A.2

I can divide shapes into parts with equal areas and show those areas as fractions.