

**CCSS Mathematics "I Can" Standards
Operations & Algebraic Thinking
Third Grade**

Indicator	Date Taught	Date Retaught	Date Reviewed	Date Assessed	Date Re-Assessed
Represent and solve problems involving multiplication and division.					
CCSS.MATH.CONTENT.3.OA.A.1 I can understand multiplication by thinking about groups of objects.					
CCSS.MATH.CONTENT.3.OA.A.2 I can understand division by thinking about how one group can be divided into smaller groups.					
CCSS.MATH.CONTENT.3.OA.A.3 I can use what I know about multiplication and division to solve word problems.					
CCSS.MATH.CONTENT.3.OA.A.4 I can find the missing number in a multiplication or division equation.					
Understand properties of multiplication and the relationship between multiplication and division.					
CCSS.MATH.CONTENT.3.OA.B.5 I can use the Commutative property of multiplication. (I know that if $6 \times 4 = 24$, then $4 \times 6 = 24$.)					
CCSS.MATH.CONTENT.3.OA.B.5 I can use the Associative property of multiplication. (To figure out $3 \times 5 \times 2$, I can multiply $3 \times 5 = 15$, then $15 \times 2 = 30$ OR multiply $5 \times 2 = 10$, then $3 \times 10 = 30$.)					
CCSS.MATH.CONTENT.3.OA.B.5 I can use the Distributive property of multiplication. (To figure out 8×7 , I can think of $8 \times (5 + 2)$ which means $(8 \times 5) + (8 \times 2) = 40 + 16 = 56$.)					
CCSS.MATH.CONTENT.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 $32 \div 8$ because I know that $8 \times 4 = 32$.)					

Indicator	Date Taught	Date Retaught	Date Reviewed	Date Assessed	Date Re-Assessed
Multiply and divide within 100.					
<p>CCSS.MATH.CONTENT.3.OA.C.7 I can multiply and divide within 100 easily and quickly because I know how multiplication and division are related.</p>					
Solve problems involving the four operations, and identify and explain patterns in arithmetic.					
<p>CCSS.MATH.CONTENT.3.OA.D.8 I can solve two-step word problems that involve addition, subtraction, multiplication and division.</p>					
<p>CCSS.MATH.CONTENT.3.OA.D.8 I can solve two-step word problems by writing an equation with a letter in place of the number I don't know.</p>					
<p>CCSS.MATH.CONTENT.3.OA.D.8 I can use mental math to figure out if the answers to two-step word problems are reasonable.</p>					
<p>CCSS.MATH.CONTENT.3.OA.D.9 I can find patterns in addition and multiplication tables and explain them using what I know about how numbers work.</p>					

**CCSS Mathematics "I Can" Standards
Number & Operations in Base Ten
Third Grade**

Indicator	Date Taught	Date Retought	Date Reviewed	Date Assessed	Date Re-Assessed
Use place value understanding and properties of operations to perform multi-digit arithmetic.					
CCSS.MATH.CONTENT.3.NBT.A.1 I can use place value to help me round numbers to the nearest 10 or 100.					
CCSS.MATH.CONTENT.3.NBT.A.2 I can quickly and easily add and subtract numbers within 1000.					
CCSS.MATH.CONTENT.3.NBT.A.3 I can multiply any one digit whole number by a multiple of 10 (6 x 90, 4 x 30).					

**CCSS Mathematics "I Can" Standards
Number & Operations - Fractions
Third Grade**

Indicator	Date Taught	Date Retought	Date Reviewed	Date Assessed	Date Re-Assessed
Develop understanding of fractions as numbers.					
<p>CCSS.MATH.CONTENT.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.</p>					
<p>CCSS.MATH.CONTENT.3.NF.A.2 I can understand a fraction as a number on the number line by showing fractions on a number line diagram.</p>					
<p>CCSS.MATH.CONTENT.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.</p>					
<p>CCSS.MATH.CONTENT.3.NF.A.2.B I can show a fraction on a number line by marking off equal parts between two whole numbers.</p>					
<p>CCSS.MATH.CONTENT.3.NF.A.3 I can understand how some different fractions can actually be equal.</p>					
<p>CCSS.MATH.CONTENT.3.NF.A.3 I can compare fractions by reasoning about their size.</p>					
<p>CCSS.MATH.CONTENT.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.</p>					
<p>CCSS.MATH.CONTENT.3.NF.A.3.B I can recognize and write simple equivalent (equal) fractions and explain why they are equal using words or models.</p>					
<p>CCSS.MATH.CONTENT.3.NF.A.3.C I can show whole numbers as fractions. ($3 = 3/1$)</p>					
<p>CCSS.MATH.CONTENT.3.NF.A.3.C I can recognize fractions that are equal to one whole. ($1 = 4/4$)</p>					
<p>CCSS.MATH.CONTENT.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.</p>					
<p>CCSS.MATH.CONTENT.3.NF.A.3.D I can understand that comparing two fractions is only reasonable if they refer to the same whole.</p>					
<p>CCSS.MATH.CONTENT.3.NF.A.3.D I can compare fractions with the symbols $>$, $=$, $<$ and prove my comparison by using models.</p>					

**CCSS Mathematics "I Can" Standards
Measurement & Data
Third Grade**

Indicator	Date Taught	Date Retought	Date Reviewed	Date Assessed	Date Re-Assessed
Solve problems involving measurement and estimation.					
CCSS.MATH.CONTENT.3.MD.A.1 I can tell and write time to the nearest minute.					
CCSS.MATH.CONTENT.3.MD.A.1 I can measure time in minutes.					
CCSS.MATH.CONTENT.3.MD.A.1 I can solve telling time word problems by adding and subtracting minutes.					
CCSS.MATH.CONTENT.3.MD.A.2 I can measure liquids and solids with grams (g), kilograms (kg) and liters (l).					
CCSS.MATH.CONTENT.3.MD.A.2 I can use addition, subtraction, multiplication and division to solve word problems about mass or volume.					
Represent and interpret data.					
CCSS.MATH.CONTENT.3.MD.B.3 I can make a picture or bar graph to show data and solve problems using the information from the graphs.					
CCSS.MATH.CONTENT.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.					
Geometric Measurement: understand concepts of area and relate area to multiplication and to addition.					
CCSS.MATH.CONTENT.3.MD.C.5 I can understand that one way to measure plane shapes is by the area they have.					
CCSS.MATH.CONTENT.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.					
CCSS.MATH.CONTENT.3.MD.C.5.B I can cover a plane shape with square units to measure its area.					
CCSS.MATH.CONTENT.3.MD.C.6 I can measure areas by counting unit squares (square cm, square m, square in, square ft).					

Indicator	Date Taught	Date Retaught	Date Reviewed	Date Assessed	Date Re-Assessed
Geometric Measurement: understand concepts of area and relate area to multiplication and to addition. (continued)					
CCSS.MATH.CONTENT.3.MD.C.7 I can understand area by thinking about multiplication and addition.					
CCSS.MATH.CONTENT.3.MD.C.7.A I can find the area of a rectangle using square tiles and also by multiplying the two side lengths.					
CCSS.MATH.CONTENT.3.MD.C.7.B I can solve real world problems about area using multiplication.					
CCSS.MATH.CONTENT.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 a and b+c is the sum of a x b and a x c).					
CCSS.MATH.CONTENT.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.					
CCSS.MATH.CONTENT.3.MD.C.8 I can solve real world math problems using what I know about how to find the perimeter of shapes.					

**CCSS Mathematics "I Can" Standards
Geometry
Third Grade**

Indicator	Date Taught	Date Retaught	Date Reviewed	Date Assessed	Date Re-Assessed
Reason with shapes and their attributes.					
<p>CCSS.MATH.CONTENT.3.G.A.1 I can place shapes into categories depending upon their attributes (parts).</p>					
<p>CCSS.MATH.CONTENT.3.G.A.1 I can name a category of many shapes by looking at their attributes (parts).</p>					
<p>CCSS.MATH.CONTENT.3.G.A.1 I can recognize and draw quadrilaterals (shapes with four sides) including rhombuses, rectangles and squares.</p>					
<p>CCSS.MATH.CONTENT.3.G.A.2 I can divide shapes into parts with equal areas and show those areas as fractions.</p>					