

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

Indicator	Date Taught	Date Retaught	Date Reviewed	Date Assessed	Date Re-Assessed
<b>Represent and solve problems involving multiplication and division.</b>					
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.					
<b>Understand properties of multiplication and the relationship between multiplication and division.</b>					
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 $8 \times 7$ , 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
<b>Multiply and divide within 100.</b>					
<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>					
<b>Solve problems involving the four operations, and identify and explain patterns in arithmetic.</b>					
<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.					
<p>CCSS.MATH.CONTENT.3.NBT.A.1 I can use place value to help me round numbers to the nearest 10 or 100.</p>					
<p>CCSS.MATH.CONTENT.3.NBT.A.2 I can quickly and easily add and subtract numbers within 1000.</p>					
<p>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).</p>					

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

Indicator	Date Taught	Date Retought	Date Reviewed	Date Assessed	Date Re-Assessed
<b>Develop understanding of fractions as numbers.</b>					
<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. (<math>3 = 3/1</math>)</p>					
<p>CCSS.MATH.CONTENT.3.NF.A.3.C I can recognize fractions that are equal to one whole. (<math>1 = 4/4</math>)</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 <math>&gt;</math>, <math>=</math>, <math>&lt;</math> 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
<b>Solve problems involving measurement and estimation.</b>					
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.					
<b>Represent and interpret data.</b>					
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.					
<b>Geometric Measurement: understand concepts of area and relate area to multiplication and to addition.</b>					
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
<b>Geometric Measurement: understand concepts of area and relate area to multiplication and to addition. (continued)</b>					
<p>CCSS.MATH.CONTENT.3.MD.C.7 I can understand area by thinking about multiplication and addition.</p>					
<p>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.</p>					
<p>CCSS.MATH.CONTENT.3.MD.C.7.B I can solve real world problems about area using multiplication.</p>					
<p>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 <math>a</math> and <math>b+c</math> is the sum of <math>a \times b</math> and <math>a \times c</math>).</p>					
<p>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.</p>					
<p>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.</p>					

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

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