

**CCSS Mathematics Standards
Operations & Algebraic Thinking
Fifth Grade**

Indicator	Date Taught	Date Retought	Date Reviewed	Date Assessed	Date Re-Assessed
Write and interpret numerical expressions.					
CCSS.MATH.CONTENT.5.OA.A.1 I can write and figure out number sentences that have parentheses, brackets and/or braces.					
CCSS.MATH.CONTENT.5.OA.A.2 I can correctly write number sentences using mathematic symbols and the order of operations correctly.					
CCSS.MATH.CONTENT.5.OA.A.2 I can understand number sentences and estimate their answers without actually calculating them.					
Analyze patterns and relationships.					
CCSS.MATH.CONTENT.5.OA.B.3 I can create two number patterns using two given rules.					
CCSS.MATH.CONTENT.5.OA.B.3 I can identify relationships between two number patterns.					
CCSS.MATH.CONTENT.5.OA.B.3 I can form ordered pairs using the relationship between two number patterns and graph them on a coordinate plane.					

**CCSS Mathematics Standards
Number & Operations in Base Ten
Fifth Grade**

Indicator	Date Taught	Date Retought	Date Reviewed	Date Assessed	Date Re-Assessed
Understand the place value system.					
CCSS.MATH.CONTENT.5.NBT.A.1 I can understand and explain the value of digits in a larger number.					
CCSS.MATH.CONTENT.5.NBT.A.2 I can explain patterns of zeroes in an answer when multiplying a number by powers of 10.					
CCSS.MATH.CONTENT.5.NBT.A.2 I can explain patterns pf decimal placement when a decimal is multiplied or divided by a power of 10.					
CCSS.MATH.CONTENT.5.NBT.A.2 I can use whole-number exponents to show powers of 10.					
CCSS.MATH.CONTENT.5.NBT.A.3 I can read, write, and compare decimals to thousandths.					
CCSS.MATH.CONTENT.5.NBT.A.3.A I can read and write decimals to thousandths using base-ten numbers, number names and expanded form.					
CCSS.MATH.CONTENT.5.NBT.A.3.B I can compare two decimals to thousandths using the $>$, $=$, and $<$ symbols correctly.					
CCSS.MATH.CONTENT.5.NBT.A.4 I can use place value understanding to round decimals to any place.					
Perform operations with multi-digit whole numbers and with decimals to hundredths.					
CCSS.MATH.CONTENT.5.NBT.B.5 I can easily multiply larger whole numbers.					
CCSS.MATH.CONTENT.5.NBT.B.6 I can divide four-digit numbers (dividends) by two-digit numbers (divisors).					
CCSS.MATH.CONTENT.5.NBT.B.6 I can illustrate and explain a division problem using equations, arrays and/or models.					
CCSS.MATH.CONTENT.5.NBT.B.7 I can add, subtract, multiply, and divide decimals to hundredths using what I have learned about place value.					
CCSS.MATH.CONTENT.5.NBT.B.7 I can relate the strategies I use to add, subtract, multiply and divide decimals to hundredths to a written problem and explain why I chose the strategies to help me solve the problem.					

**CCSS Mathematics Standards
Number & Operations - Fractions
Fifth Grade**

Indicator	Date Taught	Date Retaught	Date Reviewed	Date Assessed	Date Re-Assessed
Use equivalent fractions as a strategy to add and subtract fractions.					
CCSS.MATH.CONTENT.5.NF.A.1 I can add and subtract fractions with unlike denominators.					
CCSS.MATH.CONTENT.5.NF.A.2 I can solve word problems that involve addition and subtraction of fractions.					
CCSS.MATH.CONTENT.5.NF.A.2 I can use number sense and fractions that I know to estimate the reasonableness of answers to fraction problems.					
Apply and extend previous understandings of multiplication and division.					
CCSS.MATH.CONTENT.5.NF.B.3 I can understand that fractions are really division problems.					
CCSS.MATH.CONTENT.5.NF.B.3 I can solve word problems where I need to divide whole numbers leading to answers that are fractions or mixed numbers.					
CCSS.MATH.CONTENT.5.NF.B.4 I can use what I know about multiplication to multiply fractions or whole numbers by a fraction.					
CCSS.MATH.CONTENT.5.NF.B.4.A I can understand and show with models that multiplying a fraction by a whole number is the same as finding the product of the numerator and whole number and then dividing it by the denominator.					

Indicator	Date Taught	Date Retaught	Date Reviewed	Date Assessed	Date Re-Assessed
Apply and extend previous understandings of multiplication and division. (continued)					
CCSS.MATH.CONTENT.5.NF.B.4.B I can use unit squares to find the area of a rectangle with fractional side lengths and prove that it is the same as multiplying the side lengths ($A = l \times w$).					
CCSS.MATH.CONTENT.5.NF.B.5 I can think of multiplication as the scaling of a number (similar to a scale on a map.)					
CCSS.MATH.CONTENT.5.NF.B.5.A I can mentally compare the size of a product to the size of one of the factors by thinking about the other factor in the problem.					
CCSS.MATH.CONTENT.5.NF.B.5.B I can explain why multiplying a number by a fraction greater than 1 will result in a bigger number than the number I started with.					
CCSS.MATH.CONTENT.5.NF.B.5.B I can explain why multiplying a number by a fraction less than 1 will result in a smaller number than the number I started with.					
CCSS.MATH.CONTENT.5.NF.B.5.B I can relate the notion of equivalent fractions to the effect of multiplying a fraction by 1.					
CCSS.MATH.CONTENT.5.NF.B.6 I can solve real world problems that involve multiplication of fractions and mixed numbers.					
CCSS.MATH.CONTENT.5.NF.B.7 I can use what I know about division to divide fractions by whole numbers or whole numbers by fractions.					
CCSS.MATH.CONTENT.5.NF.B.7.A I can divide a fraction by a whole number (not 0) correctly.					

Indicator	Date Taught	Date Retaught	Date Reviewed	Date Assessed	Date Re-Assessed
Apply and extend previous understandings of multiplication and division. (continued)					
<p>CCSS.MATH.CONTENT.5.NF.B.7.B I can divide a whole number by a fraction correctly.</p>					
<p>CCSS.MATH.CONTENT.5.NF.B.7.C I can use what I know about division problems involving fractions to solve real world problems.</p>					

**CCSS Mathematics Standards
Measurement & Data
Fifth Grade**

Indicator	Date Taught	Date Retought	Date Reviewed	Date Assessed	Date Re-Assessed
Convert like measurement units within a given measurement system.					
CCSS.MATH.CONTENT.5.MD.A.1 I can convert different-sized measurements within the same measurement system.					
CCSS.MATH.CONTENT.5.MD.A.1 I can use measurement conversions to solve real-world problems.					
Represent and interpret data.					
CCSS.MATH.CONTENT.5.MD.B.2 I can make a line plot to show a data set of measurements involving fractions.					
CCSS.MATH.CONTENT.5.MD.B.2 I can use addition, subtraction, multiplication and division of fractions to solve problems involving information presented on a line plot.					
Geometric Measurement: understand concepts of volume.					
CCSS.MATH.CONTENT.5.MD.C.3 I can recognize volume as a characteristic of solid figures and understand how it can be measured.					
CCSS.MATH.CONTENT.5.MD.C.3.A I can understand a "unit cube" as a cube with side lengths of 1 unit and can use it to measure volume.					
CCSS.MATH.CONTENT.5.MD.C.3.B I can understand that a solid figure filled with a number of unit cubes is said to have a volume of that many cubes.					
CCSS.MATH.CONTENT.5.MD.C.4 I can measure volume by counting unit cubes.					
Geometric Measurement: understand concepts of volume. (continued)					
CCSS.MATH.CONTENT.5.MD.C.5 I can solve real world problems involving volume by thinking about multiplication of addition.					
CCSS.MATH.CONTENT.5.MD.C.5.A I can use unit cubes to find the volume of a right rectangular prism with whole number side lengths and prove that it is the same as multiplying the edge lengths ($V = l \times w \times h$).					
CCSS.MATH.CONTENT.5.MD.C.5.B I can solve real-world and mathematical problems involving volume of an object using the formulas $V = l \times w \times h$ and $V = b \times h$.					
CCSS.MATH.CONTENT.5.MD.C.5.B I can find the volumes of solid figures made up of two right rectangular prisms by adding the volumes of both.					
CCSS.MATH.CONTENT.5.MD.C.5.C I can solve real-world problems using what I know about adding the volumes of two right rectangular prisms.					

**CCSS Mathematics Standards
Geometry
Fifth Grade**

Indicator	Date Taught	Date Retaught	Date Reviewed	Date Assessed	Date Re-Assessed
Graph points on the coordinate plane to solve real world and mathematical problems.					
CCSS.MATH.CONTENT.5.G.A.1 I can understand a coordinate plane and ordered pairs of number coordinates on that plane.					
CCSS.MATH.CONTENT.5.G.A.1 I can graph ordered pairs of numbers on a coordinate plane using what I have learned about the x-axis and coordinate and the y-axis and coordinate.					
CCSS.MATH.CONTENT.5.G.A.2 I can represent real-world and mathematical problems by graphing points in the first quadrant of a coordinate plane.					
CCSS.MATH.CONTENT.5.G.A.2 I can understand coordinate values in the context of a real-world or mathematical problem.					
Classify two-dimensional figures into categories based on their properties.					
CCSS.MATH.CONTENT.5.G.B.3 I can understand how attributes of 2-dimensional shapes in a category also belong to all subcategories of those shapes.					
CCSS.MATH.CONTENT.5.G.B.4 I can classify 2-dimensional shapes based on their properties.					