



5th GRADE MATH

Curriculum used to complete units _____

Supplements _____ Intervention if applicable _____

****Yearly Overview:** Students should spend the large majority of their time on the major work of the grade (in bold). Supporting and additional work can engage students in the major work of the grade.

LP1	LP2	LP3	LP4
I can write and figure out number sentences that have parentheses, brackets and/or braces (5.O.A.1)	Il can understand and explain the value of digits in a larger number. (5.NBT.A.1)	I can easily multiply larger whole numbers. (5.NBT.B.5)	I can add fractions with unlike denominators. (5.NF.A.1)
I can correctly write and estimate number sentences using mathematic symbols and the order of operations correctly. (5.OA.2)	I can explain patterns of zeros, decimal placements and use whole-number exponents to show powers of 10. (5.NBT.A.2)	I can illustrate and explain a division problem using equations, arrays and/or models. (5.NBT.B.6)	I can solve word problems that involve addition estimate reasonable answers to fraction problems. (5.NF.A.2)
I can analyze patterns and relationships by creating two number patterns, identifying the relationship between two number patterns, and graphing ordered pairs.. (5.OA.B.3)	I can read and write decimals to thousandths using base-ten numbers, number names and expanded form and compare two decimals to the thousandths. (5.NBT.A.3.)	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. (5.NBT.B.7)	
I can express a whole number in the range 2–50 as a product of its prime factors (5.OA.A.2.1)		I can use place value understanding to round decimals to any place. (NBTA.A.4)	

5th Grade Academic Vocabulary: parenthesis, brackets, braces, evaluate, expression, numerical expression, product, factor(s), prime number, composite number, digit, place value, word form, tenths, hundredths, thousandths, inequality symbols, expanded form, standard form, standard algorithm, array, area model, concrete models, decimal, base ten blocks, properties of operations, mixed number, equivalent fractions, estimate, numerator and denominator, unlike denominators, common denominators, scaling, fraction equivalence, vision fraction models



LP5	LP6	LP7	LP8
I can use equivalent fractions as a strategy to subtract fractions. (5.NF.A)	I can apply and extend previous understandings of multiplication and division to multiply and divide fractions. (5.NF.B)	I can convert like measurement units within a given measurement system. (5.MD.A.1)	I can graph points on the coordinate plane to solve real-world and mathematical problems. (5.G.A.1-2)
I can subtract fractions with unlike denominators. (5.NF.A.1)	I can understand that fractions are really division problems and solve word problems whose answer includes a fraction. (5.NF.B.3)	I can represent and interpret data. (5.MD.B.2)	I can classify two-dimensional figures into categories based on their properties. (5.G.B.3-4)
I can solve word problems that involve subtraction of fractions and estimate reasonable answers to fraction problems. (5.NF.A.2)	I can use what I know about multiplication to multiply fractions or whole numbers by a fraction. (5.NF.B.4)	I can understand concepts of volume and relate volume to multiplication and to addition. (5.MD.C.3-5)	
	I can think of multiplication as the scaling of a number (similar to a scale on a map.)(5.NF.B.5)		
	I can solve real world problems that involve multiplication of fractions and mixed numbers. (5.NF.B.6)		
	I can use what I know about division to divide fractions by whole numbers or whole numbers by fractions. (5.NF.B.7)		

5th Grade Academic Vocabulary Continued: volume, liquid volume, hour, minute, second, mass, length, kilometer (km), centimeter (cm), meter (m), kilogram (kg), gram (g), liter (L), milliliter (mL), ounce (oz), pound (lbs), cup (c), pint (pt), quart (qt), gallon (gal), data/data set, line plot, fraction intervals, attribute, unit cube, solid figures, three-dimensional (3D), base, improvised units, length, width, height, regular prism, cube, cubic units, cubic formulas, origin, horizontal, vertical, points, lines, coordinate system, coordinate plane, first quadrant, axis/axes, x-axis, y-axis, intersection of lines, ordered pairs, coordinates, x-coordinate, y-coordinate, category, sub-category, quadrilateral, trapezoid, parallelogram, rectangle, rhombus, square, triangles, equilateral, isosceles, scalene, right triangle, obtuse triangle, acute triangle