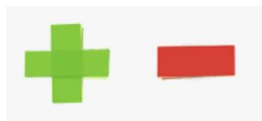


3rd Grade Math - 1st Nine Weeks Syllabi



The major work of the 1st nine weeks is to understand the basic concept and different strategies to multiply and divide.



The rest of the nine weeks will be spent on expanding students' knowledge of adding, subtracting, place value, and rounding.

I Can Statements

- *I can interpret the products of whole numbers.
- *I can interpret the quotients of whole numbers.
- *I can apply properties of operations to multiply or divide.
- *I understand division as a missing factor problem.
- *I can determine the unknown number in an equation.
- *I can identify and explain patterns in numbers.
- *I can round whole numbers to the nearest ten and hundreds.
- *I can fluently add and subtract within 100 using multiple strategies.

Vocabulary

groups of, factor, product, multiplication tables, arrays, area, properties of operations, expression, equivalent, factors, division, whole number quotients, equal shares, unknown factor, quotient, dividend, divisor, inverse operation, operation, related facts, inverse operations, unknown, arithmetic patterns, pattern rules, even/odd number, number line, rounding rules, digit, round, place value, compatible numbers, regroup, properties of addition: associative (grouping), commutative (order), identity (zero) algorithm, inverse relationship and operations, fluency (speed, accuracy, understanding), across zeros, compatible numbers, regroup, sum, addend

3rd Grade Math - 2nd Nine Weeks Syllabi



Students will build on the strategies of multiplying and dividing by applying multiplication and division to real life situations and word problems.



The rest of the nine weeks will be spent learning about fractions. What is a fraction? Fractions as part of a whole shape or group, fractions on a number line, equivalent fractions, comparing fractions!

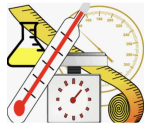
I Can Statements

- *I can multiply one-digit numbers by multiples of ten.
- *I can use multiplication and division within 100 to solve word problems.
- *I can solve two-step word problems, and I can check my answers.*I understand what a fraction is and can create them.
- *I understand fractions on a number line.
- +I can explain why some fractions are equivalent, and I can make comparisons between two fractions.

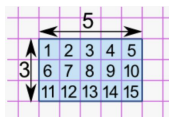
Vocabulary

multiples of 10, one-digit number groups of, factor, product, multiplication tables, arrays, area 2-step problem, unknown quantity, Reasonableness, whole unit, fraction, numerator, denominator number line, equal segments, Partitioned, endpoint, equivalent fractions, reasoning, compare fractions, whole number

3rd Grade Math - 3rd Nine Weeks Syllabi



The major work for the 3rd nine weeks is measurement. Students will learn to measure time, length, mass, and capacity. They will answer word problems and create graphs with their data.



The rest of the nine weeks will be spent learning how to calculate area using unit squares, and length and width of rectangles.

I Can Statements

- *I can tell and write time to the nearest minute.
- *I can determine elapsed time within 60 minutes.
- *I can measure, estimate, and solve problems about the mass of an object.
- *I can draw scaled picture and bar graphs to solve problems.
- *I can measure lengths in half and quarter inches, and I can show the data in a line plot.
- *I understand area and can measure it in square units.
- *I can measure areas by counting unit squares.
- *I understand that areas can be combined or broken.

Vocabulary

time intervals, analog clock, minutes, hours, hour hand, minute hand, a.m., p.m., elapsed time, capacity, liquid volume, mass, liters (l), grams (g), kilograms(kg) scaled picture graph, scaled bar graph, interpret, analyze, length, line plot, horizontal, units, inch, area, plane figure, unit squares, gaps, overlaps, square units, square unit, centimeter *cm*, meter *m*, inch *in*, foot *ft*, operation, whole number, tiling, rectangular arrays, distributive property, decompose

3rd Grade Math - 4th Nine Weeks Syllabi



The major work for the 4th nine weeks is geometry. Students will learn how to calculate the perimeter of polygons. They will also learn about attributes of quadrilaterals and partitioning shapes into equal sizes.

The rest of the nine weeks will be spent reviewing previously taught standards to solidify their learning!

I Can Statements

- *I can solve problems involving the perimeter of polygons.
- *I understand that different shapes can go together in larger groups because they share attributes.
- *I can divide shapes into fractions.

Vocabulary

perimeter, polygon, rhombus, rectangle, quadrilateral, properties, attributes, side, angle, partition, divide, equal areas, unit fraction, composition, decomposition