4th Grade Math - 1st Nine Weeks Syllabi

The major work of the 1st nine weeks is to understand the basic concept of place value, using place value to compare numbers, and use place value to add and subtract.

The rest of the nine weeks will be spent on expanding students' knowledge of multiplication/division and finding factors of a composite number.

I Can Statements

*I can recognize digits in one place that represent ten times more than the place on the right.
*I can read and write multi-digit whole numbers.
*I can fluently add and subtract whole numbers using the standard algorithm.*I can round whole numbers to any place.
*I can interpret multiplication as comparison.
*I can multiply or divide to solve word problems.
*I can find all factor pairs for whole numbers.
*I can generate a number or shape pattern.

Vocabulary

multiply, divide, decompose, "Times as many",place value, multi-digit, comma to separate, expanded form, expanded notation, standard form, word form, standard algorithm, compose,decompose, round(ing), open number line, greatest and least, specified number, multiplicative comparison, tape diagram model, unknown quantity, additive comparison, multiplicative comparison, unknown product, symbol, whole number, prime number, composite number, factor, factor pair, multiple, divisible, divisibility, generate, rule, alternate

4th Grade Math - 2nd Nine Weeks Syllabi

Students will multiply and divide whole numbers. They will find quotients and remainders.

The rest of the nine weeks will be spent learning about fractions. Students will compare, determine equivalence, add and subtract and multiply fractions by a whole number. Students will use models, number lines, and standard algorithms to demonstrate knowledge of fractions.

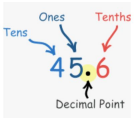
I Can Statements

*I can solve multi-step word problems and interpret remainders.
*I can multiply whole numbers.
*I can find number quotients and remainders.
*I can explain why fractions are equivalent.
*I can compare to fractions.
*I know how to add and subtract fractions.
*I can multiply a fraction by a whole number.

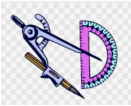
Vocabulary

parenthesis in equation, estimate, remainder, variable, distributive property, area model, rectangular array, partial product, two (or four)-digit number, decompose, remainder, quotient, fraction, equivalent fractions, numerator, denominator, plot, label, partition, benchmark fraction, visual fraction model, plot, unit fraction, proper, improper, line plot, convert, mixed number, reason abstractly, reason quantitatively, result, multiple, whole number, tape diagram, number line diagram, area model, multiple

4th Grade Math - 3rd Nine Weeks Syllabi



Students will use what they have learned about fractions and use to understand decimals.



The rest of the nine weeks will be spent exploring measurement, area, perimeter, angles, and line plots.

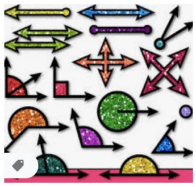
I Can Statements

*I can convert tenths to equivalent hundredths.
*I can convert some fractions to decimals.
*I can compare decimals to the hundredths.
*I know the relative size of measurement units and can convert from larger to smaller units and smaller to larger units.
*I can solve word problems with measurements.
*I can use are and perimeter formulas for rectangles.
*I can make line plots with fractional units.
*I can recognize angles, and understand angle measurement with degrees.
*I can measure angles using a protractor.

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

4th Grade Math - 4th Nine Weeks Syllabi



The major work for the 4th nine weeks is geometry. Students continue learning about angles, as well as two-dimensional shapes.

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

I Can Statements

***I can solve addition and subtraction problems to find angles.**
***I can draw and identify geometric figures.**
***I can classify two-dimensional shapes.**
***I can recognize and draw a line of symmetry.**

Vocabulary

complementary angle, supplemental angle, additive, point, line, line segment, ray, angle, acute angle, right angle, obtuse angle, perpendicular, parallel lines, parallel lines, perpendicular lines, attributes, right angle, acute angle, obtuse angle, measure, right triangle, polygon, rhombus, trapezoid, quadrilateral, parallelogram, rectangle, square, symmetry