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**Learning Outcomes**

Subunit one: Operations and Algebraic Thinking

* Students will interpret products of whole numbers.
* Student will interpret whole number quotients of whole numbers.
* Students will use multiplication and division within 100 to solve word problems in situations involving equal groups.
* Students will determine the unknown number that makes the equation true.
* Students will apply properties of operations as strategies to multiply and divide.
* Student will understand division as an unknown factor problem.
* Students will fluently multiply and divide within 100, using strategies such as relationship between multiplication and division.
* Students will solve tow step word problems using the four operations.
* Students will identify arithmetic patterns and explain those using properties of operations.

Subunit two: Number and Operations in Base 10

* Students will use place value understanding to round whole numbers to the nearest 10 or 100.
* Students will fluently add and subtract within 1000 using strategies and algorithms based on place value.
* Students will multiply 1 digit whole numbers by multiples of 10 in the range 10-90 using strategies base on place value and properties of operations.

Subunit 3: Number and Operations-Fractions

* Students will understand a fraction 1/b as the quantity formed by 1 part when a whole is partitioned into b equal parts.
* Students will understand a fraction as a number on a line.
* Students will explain equivalence of fractions in special cases and compare fractions by reasoning about their size.
* Students will understand 2 fractions as equivalent.
* Students will recognize and generate simple equivalent fractions.
* Students will express whole numbers as fractions.
* Students will compare two fractions with the same numerator or the same denominator.

Subunit 4: Measurement and Data

* Students will tell and write time to the nearest minute and measure time intervals in minutes.
* Students will measure and estimate liquid volumes and masses of objects.
* Students will draw a scaled picture graph and a scale bar graph to represent a data set with several categories.
* Students will generate measurement data by measuring lengths using rulers.
* Students will recognize areas as an attribute of plane figures.
* Students will measure areas by counting unit squares.
* Students will relate area to operations of multiplication and addition.

Subunit 5: Geometry

* Students will understand that shapes in different categories may share attributes and that the shared attributes can define a larger category.
* Students will partition shapes into parts with equal areas.