Petaluma Power Standards 2.0

4th Grade

Number Sense

1.1 Read and write whole numbers in the millions.

1.2 Order and compare whole numbers and decimals to two decimal places.

1.3 Round whole numbers through the millions to the nearest ten, hundred, thousand, ten thousand, or hundred thousand.

1.9 Identify on a number line the relative position of positive fractions, positive mixed numbers, and positive decimals to two decimal places.

3.1 Demonstrate an understanding of, and the ability to use, standard algorithms for the addition and subtraction of multi digit numbers.

3.2 Demonstrate an understanding of, and the ability to use, standard algorithms for multiplying a multi digit number by a two-digit number and for dividing a multi digit number by a one-digit number; use relationships between them to simplify computations and to check results.

Algebra Functions

1.2 & 1.3 Interpret and evaluate mathematical expressions that now use parentheses. Use parentheses to indicate which operation to perform first when writing expressions containing more than two terms and different operations.

2.1 & 2.2 Know and understand that equals added to equals are equal. Know and understand that equals multiplied by equals are equal.

Measurement & Geometry

2.1 Draw the points corresponding to linear relationships on graph paper (e.g., draw 10 points on the graph of the equation $y = 3x$ and connect them by using a straight line).

2.2 & 2.3 Understand that the length of a horizontal line segment equals the difference of the x-coordinates. Understand that the length of a vertical line segment equals the difference of the y-coordinates.

Statistics Data Analysis and Probability

1.3 Interpret one-and two-variable data graphs to answer questions about a situation.

Sequencing:

Trimester 1: NS 1.1, 1.2, 1.3, 3.1, 3.2

Trimester 2: NS 3.2, AF 1.2/1.3, AF 2.1/2.2, NS 1.9

Trimester 3: MG 2.1, MG 2.2/2.3, SDAP 1.3