

Petaluma Power Standards 2.0 Outline

3rd Grade - 2011-2012

Below is an outline of which Power Standards will be assessed on each Trimester assessment and the correlated EnVision topics. In some cases only part of a standard will be assessed in a particular trimester. The Note at the end of the standard indicates which portion will be on the assessment.

Trimester 1

Power Standards to be Assessed on Trimester 1 Benchmark:

NS 1.3 Identify the place value for each digit in numbers to 10,000.

NS 1.4 Round off numbers to 10,000 to the nearest ten, hundred, and thousand.

NS 1.5 Use expanded notation to represent numbers (e.g., $3,206 = 3,000 + 200 + 6$).

NS 2.1 Find the sum or difference of two whole numbers between 0 and 10,000.

Topics:
1,2,3,4

AF 1.1 Use appropriate symbol operations and properties to represent and solve simple number relationships.

Topics:
1,3,4,6, 7

MG 2.1 Identify, describe, and classify polygons (including pentagons, hexagons, and octagons).

MG 2.3 Identify attributes of quadrilaterals (e.g., parallel sides for the parallelogram, right angles for the rectangle, equal sides and right angles for the square).

Topic 5

MG 1.3 Find the perimeter of a polygon with integer sides.

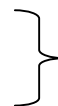
MG 2.5 Identify, describe, and classify common three-dimensional geometric objects (e.g., cube, rectangular solid, sphere, prism, pyramid, cone, cylinder).

Topics:
5, 18

Trimester 2

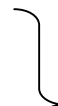
Power Standards to be Assessed on Trimester 2 Benchmark:

AF 1.1 Use appropriate symbol operations and properties to represent and solve simple number relationships.



Topics:
8,9,10

NS 2.2 Memorize to automaticity the multiplication table for numbers between 1 and 10.



Topics:
8,9,10

NS 2.3 Use the inverse relationship of multiplication and division to compute and check results.



NS 3.1 Compare fractions represented by drawings or concrete materials to show equivalency and to add and subtract simple fractions in context (e.g., $\frac{1}{2}$ of a pizza is the same amount as $\frac{2}{4}$ of another pizza that is the same size; show that $\frac{3}{8}$ is larger than $\frac{1}{4}$).



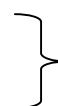
Topic12

MG 1.2 Estimate or determine the area of 2 dimensional figures and volume of solid figures by covering them with squares or by counting the number of cubes that would fill them.



Topic18

SDAP 1.0 Conduct simple probability experiments and determine possible outcomes.



Topic 20

Trimester 3

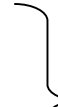
Power Standards to be Assessed on Trimester 3 Benchmark:

AF 1.1 Use appropriate symbol operations and properties to represent and solve simple number relationships.



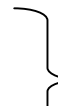
Topic 14

NS 3.1 Compare fractions represented by drawings or concrete materials to show equivalency and to add and subtract simple fractions in context (e.g., $\frac{1}{2}$ of a pizza is the same amount as $\frac{2}{4}$ of another pizza that is the same size; show that $\frac{3}{8}$ is larger than $\frac{1}{4}$).



Topics:
12,13

AF 2.1 Solve simple problems involving a functional relationship between two quantities (e.g., find the total cost of multiple items given the cost per unit).



Topics: 6 &
8 Problem
Solving

2.4 Solve simple problems involving multiplication of multidigit numbers by one-digit numbers ($3,671 \times 3 = \underline{\quad}$).



Topic 14, 15