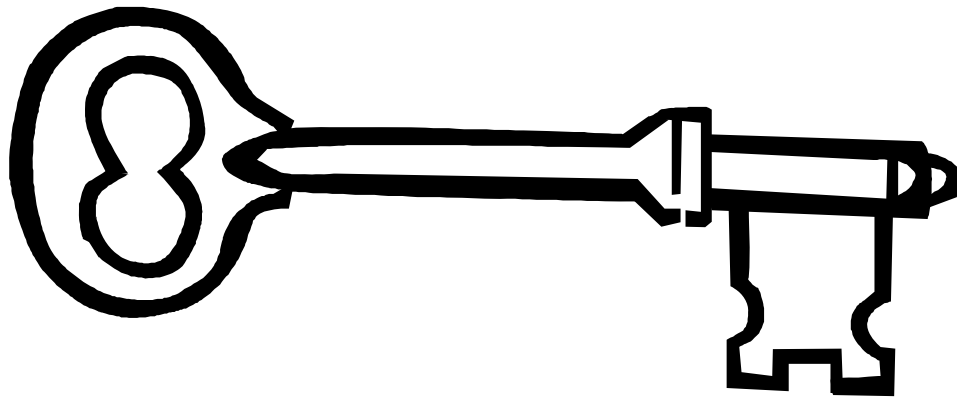


BAKERSFIELD CITY SCHOOL DISTRICT
Education Center – 1300 Baker Street
Bakersfield, California 93305

Curriculum & Standards

California Math Standards Grade 3



Mathematics - Grade 3
NUMBER SENSE

NS 1.1

I can count, read and write whole numbers to 10,000.

Units: 1, 3, and 8

Mathematics - Grade 3
NUMBER SENSE

NS 1.2

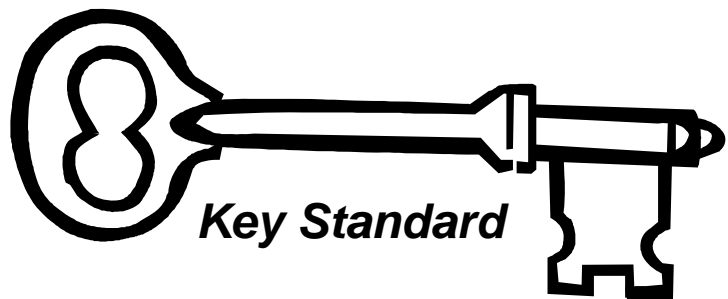
I can compare numbers to 10,000
and put them in order.

Units: 1, 2, and 5

Mathematics - Grade 3
NUMBER SENSE

NS 1.3

I can name the place value for
each digit in numbers to 10,000.



Key Standard

Units: 1 and 7

Mathematics - Grade 3
NUMBER SENSE

NS 1.4

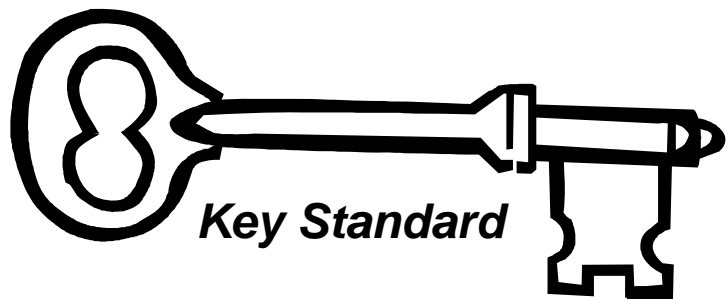
I can round off numbers to
10,000 to the nearest ten, hundred
and thousand.

Units: 1, 2, 3, 7, and 8

Mathematics - Grade 3
NUMBER SENSE

NS 1.5

I can use expanded form to represent numbers (for example, $3,206 = 3,000 + 200 + 6$).



Key Standard

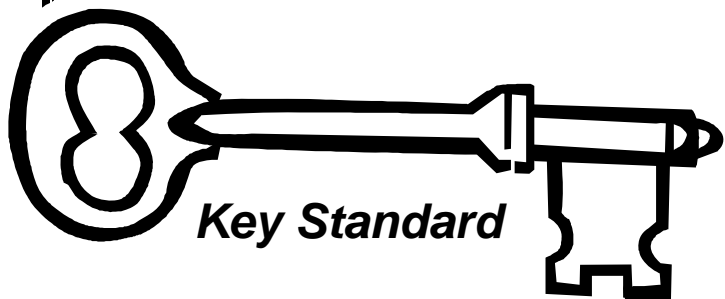
Units: 1, 3, and 8

Mathematics - Grade 3
NUMBER SENSE

NS 2.1

I can add or subtract whole
numbers 0 through 10,000

Units: 1, 2, 3, 5, 6, 7, and 10

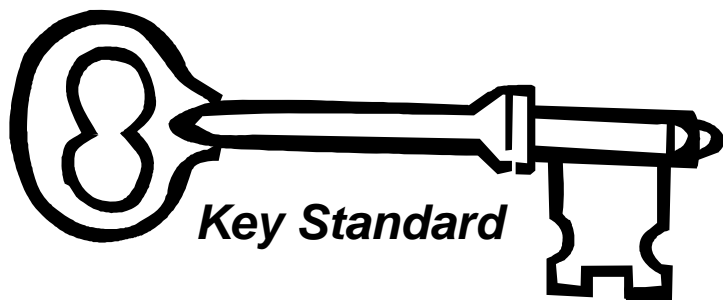


Key Standard

Mathematics - Grade 3
NUMBER SENSE

NS 2.2

I have memorized the
multiplication tables for numbers
between 1 and 10.



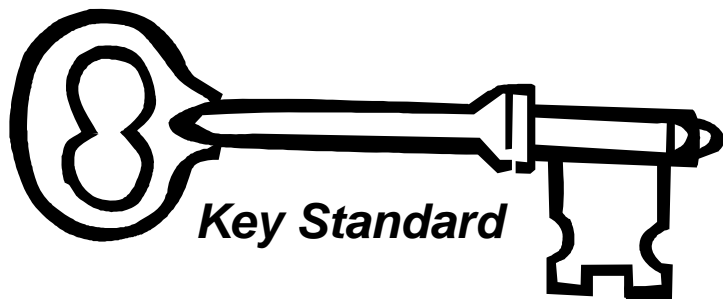
Key Standard

Unit: 3

Mathematics - Grade 3
NUMBER SENSE

NS 2.3

I know multiplication and division are opposites and I use this to solve problems and check my answers.



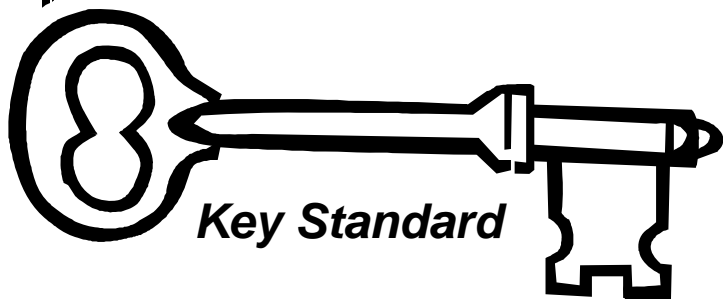
Key Standard

Units: 5, 8, and 9

Mathematics - Grade 3
NUMBER SENSE

NS 2.4

I can multiply a multi-digit number
by a one-digit number.



Key Standard

Units: 7, 9, and 10

Mathematics - Grade 3
NUMBER SENSE

NS 2.5

I can divide a multi-digit number
by a one-digit number

Units: 9 and 10

Mathematics - Grade 3

NUMBER SENSE

NS 2.6

I understand the meaning of 0
(zero) and 1 in both multiplication
and division.

Units: 3 and 5

Mathematics - Grade 3
NUMBER SENSE

NS 2.7

I can figure out how much one item costs when I know the total amount paid *and* how many items were bought.

Units: 9 and 10

Mathematics - Grade 3
NUMBER SENSE

NS 2.8

I can solve problems that require two or more skills involving multiplication and division.

Units: 1, 2, 3, 5, and 8

Mathematics - Grade 3
NUMBER SENSE

NS 3.1

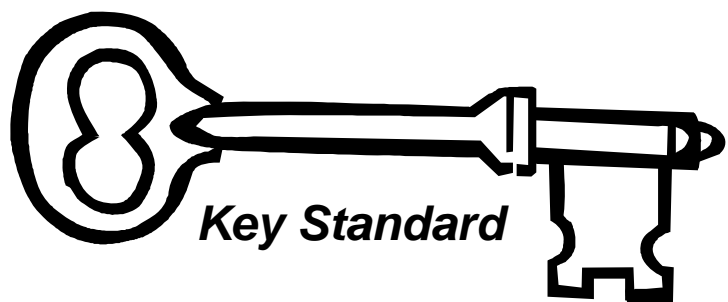
- I can compare fractions using drawings, math tools, or real objects to show how they are equal (for example, $\frac{3}{8}$ of a pizza is larger than $\frac{1}{4}$ of a pizza).
- I can add and subtract fractions of real objects (for example, $\frac{1}{2}$ of a pizza is the same amount as $\frac{2}{4}$ of another pizza that is the same size).

Unit: 6

Mathematics - Grade 3
NUMBER SENSE

NS 3.2

I can add and subtract simple fractions (for example, $1/8 + 3/8$ is the same as $1/2$).

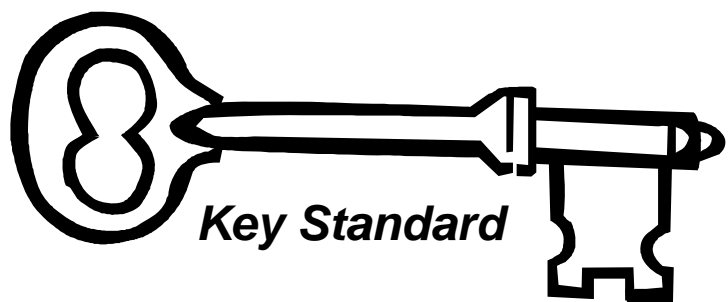


Units: 6 and 7

Mathematics - Grade 3
NUMBER SENSE

NS 3.3

- I can solve money problems involving addition, subtraction, multiplication, and division using decimals.
- I can multiply and divide money amounts using whole-number multipliers and divisors.



Key Standard

Units: 6, 7, 8, 9, and 10

Mathematics - Grade 3
NUMBER SENSE

NS 3.4

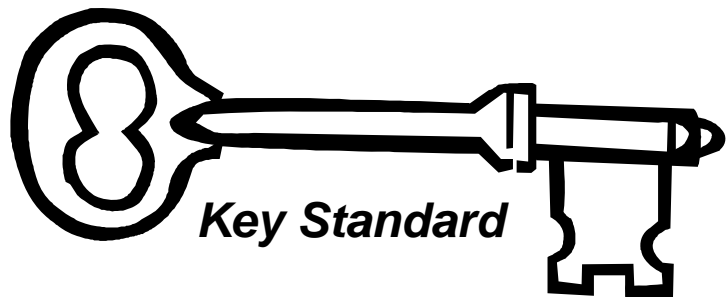
I can explain that fractions and decimals are two different ways of showing the same thing (for example, 50 cents is $\frac{1}{2}$ of a dollar and 75 cents is $\frac{3}{4}$ of a dollar).

Unit: 6

Mathematics - Grade 3
Algebra and Functions

AF 1.1

I can write math expressions and equations using symbols to show how numbers relate to each other.



Units: 2, 3, 5, 6, 9 and 10

Student Friendly Standards – Grade 3
BCSD Curriculum & Standards

Mathematics - Grade 3
Algebra and Functions

AF 1.2

I can solve problems with number equations or inequalities.

Units: 1, 2, 3, 5, and 6

Mathematics - Grade 3
Algebra and Functions

AF 1.3

I can choose the right symbol to make the number sentence correct (for example, if $4 \underline{\quad} 3 = 12$, what symbol goes in the blank?).

Units: 2, 5, and 9

Mathematics - Grade 3
Algebra and Functions

AF 1.4

I can change from one form of measurement to another (for example, ___ inches = ___ feet \times 12).

Unit: 7

Mathematics - Grade 3
Algebra and Functions

AF 1.5

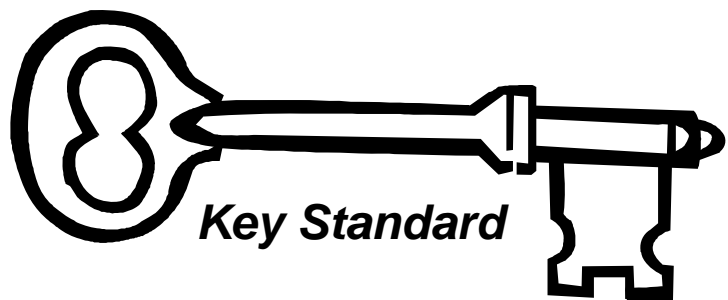
I know that in multiplication, the factors can be in any order and the product will be the same (for example, if $5 \times 7 = 35$, then what is 7×5 ?).

Units: 3, 7, and 9

Mathematics - Grade 3
Algebra and Functions

AF 2.1

I can solve problems involving a relationship between two amounts (for example, find the total cost of more than one item if I know the cost of each item).



Units: 3, 4, 5, 6, 7, 9, and 10

Mathematics - Grade 3
Algebra and Functions

AF 2.2

I can recognize and continue a
pattern to solve a problem.

Units: 1, 3, 5, and 6

Mathematics - Grade 3
Measurement and Geometry

MG 1.1

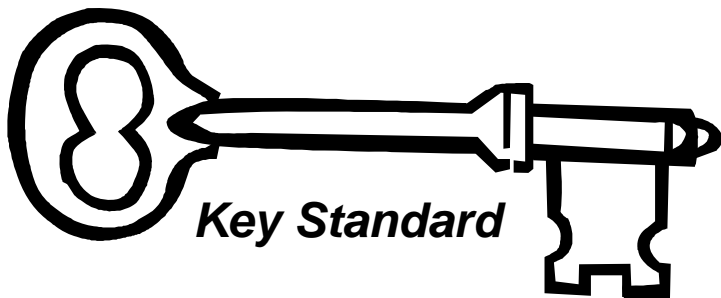
- I can choose the appropriate measurement tools and units for a given object.
- I can estimate and accurately measure the length, liquid volume and weight/mass of objects.

Units: 4 and 10

Mathematics - Grade 3
Measurement and Geometry

MG 1.2

I can use squares or cubes to
figure out the area and volume of
solid figures

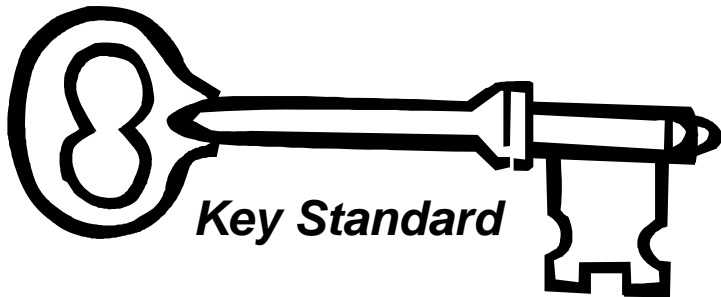


Unit: 4

Mathematics - Grade 3
Measurement and Geometry

MG 1.3

I can find the perimeter of a polygon.



Unit: 4

Mathematics - Grade 3
Measurement and Geometry

MG 1.4

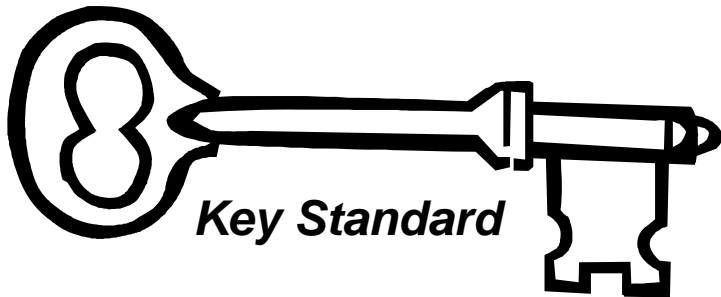
I can change amounts within the same measurement system (for example, meters to centimeters, hours to minutes).

Units: 4 and 10

Mathematics - Grade 3
Measurement and Geometry

MG 2.1

I can identify, describe and
classify polygons.

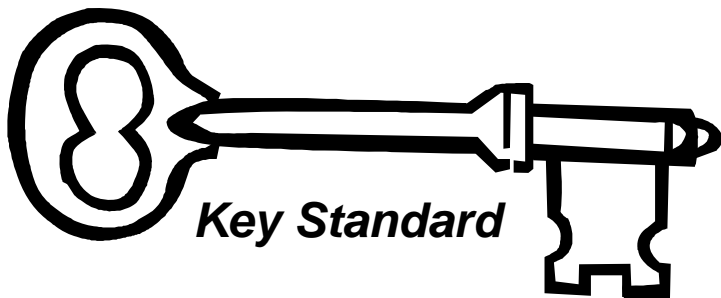


Unit: 4

Mathematics - Grade 3
Measurement and Geometry

MG 2.2

I can identify characteristics of
different triangles.

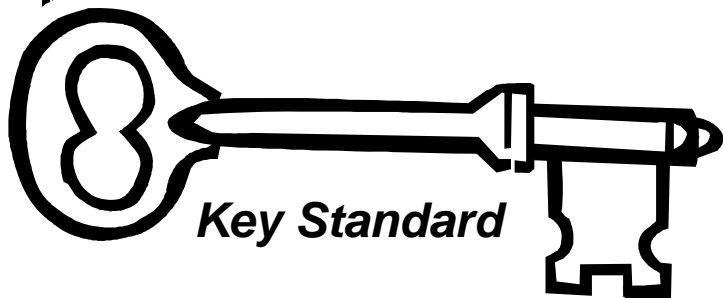


Unit:4

Mathematics - Grade 3
Measurement and Geometry

MG 2.3

I can identify characteristics of different quadrilaterals.



Unit: 4

Mathematics - Grade 3
Measurement and Geometry

MG 2.4

- I can identify right angles in figures.
- I can tell whether other angles are greater or less than a right angle.

Unit: 4

Mathematics - Grade 3
Measurement and Geometry

MG 2.5

I can identify, describe and
classify common three-dimensional
objects.

Unit: 4

Mathematics - Grade 3
Measurement and Geometry

MG 2.6

I can identify objects that make up the parts of more complex objects.

Unit: 4

Mathematics - Grade 3
Statistics, Data Analysis and Probability

SDAP 1.1

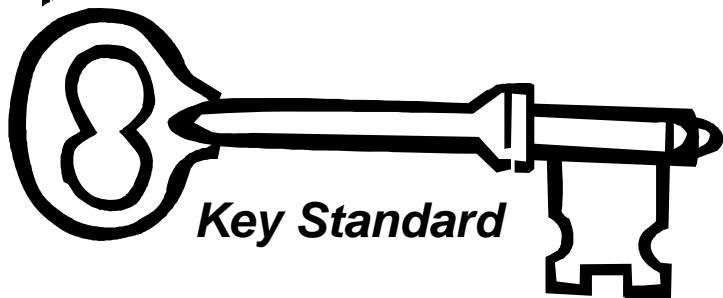
I can tell whether something is certain, likely, unlikely or not likely at all.

Unit: 8

Mathematics - Grade 3
Statistics, Data Analysis and Probability

SDAP 1.2

I can record the possible outcomes for a simple repeated event (for example, tossing a coin).

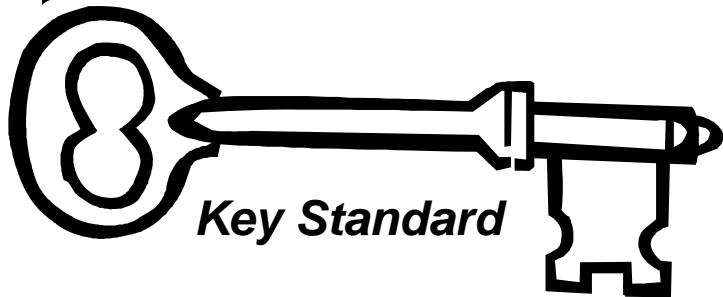


Unit: 8

Mathematics - Grade 3
Statistics, Data Analysis and Probability

SDAP 1.3

I can make a graph or line plot showing the results of a probability experiment.



Unit: 8

Mathematics - Grade 3
Statistics, Data Analysis and Probability

SDAP 1.4

I can make reliable predictions as a result of a probability experiment.

Unit: 8

Mathematics - Grade 3
Mathematical Reasoning

MR 1.1

- I can analyze problems by:
 - Identifying relationships
 - Understanding what information is needed and not needed
 - Putting information in the right order
 - Observing patterns

*Embedded across all strands

Mathematics - Grade 3
Mathematical Reasoning

MR 1.2

I can decide when and how to
break a problem into simpler parts.

*Embedded across all strands

Mathematics - Grade 3
Mathematical Reasoning

MR 2.1

I can use estimation to prove if an answer is reasonable.

*Embedded across all strands

Mathematics - Grade 3
Mathematical Reasoning

MR 2.2

I can use strategies from simple problems to help solve more difficult problems.

*Embedded across all strands

Mathematics - Grade 3
Mathematical Reasoning

MR 2.3

I can use a variety of methods, such as words, numbers, symbols, charts, graphs, tables, diagrams, and models, to explain how I have solved a problem.

*Embedded across all strands

Mathematics - Grade 3
Mathematical Reasoning

MR 2.4

- I can clearly explain solutions to problems using the right mathematical symbols and terms.
- I can justify how I have solved the problem by my work and my words.

*Embedded across all strands

Mathematics - Grade 3
Mathematical Reasoning

MR 2.5

I know when an exact answer is needed and when it is better to estimate.

*Embedded across all strands

Mathematics - Grade 3
Mathematical Reasoning

MR 2.6

I can calculate the correct answer and check whether my answer is correct, based on the information in the problem.

*Embedded across all strands

Mathematics - Grade 3
Mathematical Reasoning

MR 3.1

I can evaluate to tell if my answer makes sense based on the information in the problem.

*Embedded across all strands

Mathematics - Grade 3
Mathematical Reasoning

MR 3.2

I can show that I understand the method for solving a problem by using the same method to solve similar problems.

*Embedded across all strands

Mathematics - Grade 3
Mathematical Reasoning

MR 3.3

I see patterns in how I obtained answers so that I can apply what I have learned in other situations.

*Embedded across all strands