Alaska Mathematics Standards
Vocabulary Word List
Grade K

Counting and Cardinality	
compare	To decide if one number is greater than, less than, or equal to another number. Can also be used to tell how shapes are alike or different.
count	To name units of a group one by one in order to determine the total number. Counting tells how many things are in a set.
digit	Any of the symbols 0, 1, 2, 3, 4, 5, 6, 7, 8, or 9.
equal	Having the same amount. (e.g., 4 equals 3 + 1 means that 4 is the same amount as 3 + 1.)
fewer	Smaller quantity or amount.
greater than	Greater than is used to compare two numbers when the first number is larger than the second number. (Symbols are not used in Kindergarten.)
larger	More.
less	Having a value that is not as great as another value.
less than	Less than is used to compare two numbers when the first number is smaller than the second number. (Symbols are not used in Kindergarten.)
match	One-to-one correspondence.
more	Greater quantity or amount.
number	A number indicates how many or how much.
numeral	A symbol used to represent a number. (e.g., 6 and VI are numerals that represent the same number.)
ordinal numbers	Words representing the position (e.g., first, second, third)
quantity	How much there is or how many there are of something.
row	An arrangement of numbers or objects from left to right.
same	Alike in size, quantity, or amount.
zero	No objects; a cardinal number indicating the absence of all units.

Operations and Algebraic Thinking	
add	To combine; put together two or more quantities.
addend	Any number being added.
and	To combine; put together two or more quantities; plus.
compose	To put together basic elements. (e.g., numbers or geometric shapes)
count on	A way to add.
decompose	To separate into basic elements. (e.g., numbers or geometric shapes)
difference	The result when one number is subtracted from another.
equal	Having the same amount. (e.g., 4 equals 3 + 1 means that 4 is the same amount as 3 + 1.)
equation	A number sentence with an equal sign. The amount on one side of the equal sign has the same value as the amount on the other side.
expression	A mathematical phrase without an equal sign.
make ten	A strategy that uses combinations of numbers that add up to ten.
minus	A symbol that shows subtraction; take away a quantity.
number pair	A set of two numbers. (e.g., 1 and 4 are number pairs because together they make another number.)
plus	A symbol that shows addition; combine; put together two or more quantities.
same	Alike in size, quantity, or amount.
subtract	Take away; remove; compare.
sum	The answer to an addition problem.
take away	To subtract.
zero	No objects; a cardinal number indicating the absence of all units.

Numbers and Operations in Base Ten	
alike	Same size, quantity, or amount.
compose	To put together basic elements. (e.g., numbers or geometric shapes)
decompose	To separate into basic elements. (e.g., numbers or geometric shapes)
hundred	10 sets of 10 ones.
tens	Sets of ten ones. (i.e., 10, 20, 30, 40, 50, 60, 70, 80, or 90)

Measurement and Data	
classify	To sort into categories or to arrange into groups by attribute.
cent	One-hundredth of a dollar.
clock	Something that measures time.
coin	A form of money (penny, nickel, dime, quarter)
day	There are 24 hours in a day.
graph	A charge that shows mathematical information.
heavier	Having a weight that is greater than that of another object.
height	A measure of how tall something is.
lighter	Having a weight that is less than that of another object.
sort	To group or organize according to shared attributes.
week	There are seven days in a week: Sunday, Monday, Tuesday, Wednesday, Thursday, Friday, and Saturday.
weight	A measure of how heavy something is.

Geometry	
above	A preposition that indicates location of an object.
attribute	A characteristic of an object such as color, shape, size, etc.
behind, below, beside, between	Prepositions that indicates location of an object.
bigger	Larger in size.
by	A preposition that indicates location of an object.
cone	A solid shape with a circular base, a curved surface, and one vertex.
cube	A solid shape with six square faces.
curve	A line that is rounded.
curved surface	A rounded surface.
cylinder	A solid shape with tow circular bases and a curved surface.
different	Not the same; unalike.
flat	Smooth and even. (e.g., plane shapes; two-dimensional shapes)
flat surface	A surface that is not curved.
forward	Toward the front – positional word.
hexagon	A plane shape with six straight sides and six vertices.
in front of	A prepositional phrase that indicates location of an object.
length	A measure of how long something is.
longer	A word used when comparing the length of two objects.
next to	A prepositional phrase that indicates location of an object.

Geometry	
object	A material thing that can be seen and touched.
rectangle	A plane shape with 4 sides and 4 square vertices.
same	Alike in size, quantity, or amount.
shape	The form or outline of an object. (e.g., two-dimensional and three-dimensional shapes)
shorter	A word used when comparing the height or length of two objects.
side	One of the line segments that makes a flat, two-dimensional shape.
sides of equal length	The length of a side tells how long it is from one end to the other end. (e.g., A square has 4 sides of equal length.)
size	How small or big something is.
smaller	Having a size that is less than that of another object.
solid shape	A shape that is not flat; an object that has three dimensions. (i.e., height, length, and width)
sphere	A solid shape with a curved surface.
square	A plane shape with 4 sides that are the same length and 4 square vertices.
stack	To put one object on top of another.
taller	A word used when comparing the height of two objects.
three-dimensional shape	A solid shape that has length, width, and height.
triangle	A plane shape with 3 straight sides and 3 vertices.
two-dimensional shape	A plane, flat shape that has length and width.
vertex	A corner of a shape. (plural - vertices; "corners")

Illustrated Mathmatics Dictionary visit website – Math If Fun Definitions