Grade 2 Cluster 1

OA.2	
fluency	Demonstrated when students are accurate, efficient, and flexible with math concepts
strategy	A plan of action for solving a problem
counting on	A way to add
decompose	Break apart
OA.3	
odd	Not even; cannot be made of two equal parts
even	An amount that can be made of two equal parts with no leftovers
doubles	Addition facts with two addends that are the same
addend	Any number being added
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
sum	The answer to an addition problem
pair	A set of two things
equal groups	Groups that have the same number of objects
equal parts	Parts of an object or group that have been divided equally into pieces
MD.6	
number line diagram	A diagram that represents points on a line
equally spaced	Spaces between points that are the same length

point	An exact location
sum	The answer to an addition problem
differences	The result when one number is subtracted from another
whole numbers	0 and the counting numbers 1, 2, 3, 4, 5, and so on.

Grade 2 Cluster 2

OA.1	
unknown	Not known; variable
position	Where something is located
symbol	A pattern, character, or image used instead of words
compare	To decide if one number is greater than, less than, or equal to another
result	What is achieved at the end
add	To combine; put together two or more quantities
subtract	Take away or remove
making ten	A strategy that uses combinations of numbers that add up to ten
represent	To show or express using a symbol or character
solve	To find a value (or values) to put in place of a variable that makes the equation true
one-step	One mathematical operation
two-step	Two mathematical operations
fewer	Smaller quantity or amount
more	Greater quantity or amount
NBT.2	
one	A single unit or object
ten	A set of ten ones
hundred	A set of ten tens

thousand	A set of ten hundreds
digit	Any of the symbols 0, 1, 2, 3, 4, 5, 6, 7, 8, or 9 (also known as base-ten numerals)
place value	The value a digit has because of its place in a number
skip count	Counting by a number greater than 1
patterns	A repeating or growing sequence that follows a rule
NBT.5	
relationship	
*(commutative) order property	Changing the order of the addends does not change the sum (*Students are introduced to mathematical property as ways to efficiently solve problems, but they do not need to know the formal names or definition of the properties.)
NBT.6	
combine	Unite; merge
*(Associative) grouping property	Changing the grouping of three or more addends does not change the sum (*Students are introduced to the mathematical property as ways to efficiently solve problems, but they do not need to know the formal names or definition of the properties.)
action/operation	A mathematical process; e.g., add, subtract
NBT.8	
more than	Can be used to describe an action to mentally add 10 or 100 more to a given number
less than	Can be used to describe an action to mentally subtract 10 or 100 from a given number

MD. 6	
number line diagram	A diagram that represents points on a line
equally spaced	Spaces between points that are the same length
point	An exact location
sum	The answer to an addition problem
differences	The result when one number is subtracted from another
whole numbers	0 and the counting numbers 1, 2, 3, 4, 5, and so on.

Grade 2 Cluster 3

MD.7	
digital clock	A clock that shows the time with numbers of hours and minutes, usually separated with a colon (:)
analog clock	A clock that shows the time by the positions of the hour and minute hand
a.m.	Time between 12:00 midnight and 12:00 noon
p.m.	Time between 12:00 noon and 12:00 midnight
time	The number of seconds, minutes, hours, days, months, years, and so on. Time is shown on a clock or a calendar.
o'clock	Used to specify the hour when telling time
hour hand	A shorthand on a clock
minute hand	A longhand on a clock
hour	A unit of time equal to 60 minutes
minute	A unit of time equal to 60 seconds

OA.4	
total	The whole number or amount of something
rectangular array	Any arrangement of things in rows and columns
row	A horizontal arrangement of numbers or information in an array or table
column	A vertical arrangement of numbers or information in an array or table
repeated addition	Adding equal groups together

NBT.2	
one	A single unit or object
ten	A set of ten ones
hundred	A set of ten tens
thousand	A set of ten hundreds
digit	Any of the symbols 0, 1, 2, 3, 4, 5, 6, 7, 8, or 9 (also known as base-ten numerals)
place value	The value a digit has because of its place in a number
skip count	Counting by a number greater than 1
pattern	A repeating or growing sequence that follows a rule

Grade 2 Cluster 4

NBT.1	
compose	To put together smaller numbers to make larger numbers
base ten blocks	Mathematical manipulatives that help students learn addition, subtraction, number sense, place value, and counting
represent	To show or express using a symbol or character
bundle	A group of a specified number
unitize	Understanding that numbers can be organized into groups and these groups can be counted as units (e.g., a group of ten ones is a ten)
trade	Exchanging a quantity into smaller or larger units without changing its value
unit	A single item
NBT.2	
one	A single unit or object
ten	A set of ten ones
hundred	A set of ten tens
thousand	A set of ten hundreds
digit	Any of the symbols 0, 1, 2, 3, 4, 5, 6, 7, 8, or 9 (also known as base-ten numerals)
place value	The value a digit has because of its place in a number
skip count	Counting by a number greater than 1
patterns	A repeating or growing sequence that follows a rule

NBT.3	
number names	A way of using words to write a number (also known as a word or written form)
expanded form	A way to write numbers that shows the place value for each digit
base-10 numerals	Any of the symbols 0, 1, 2, 3, 4, 5, 6, 7, 8, or 9 (also known as digits)
***When reading and writing whole numbers, do not use "and."	
NBT. 4	
>, greater than	Used to compare two numbers when the first number is larger than the second number
<, less than	Used to compare two numbers when the first number is smaller than the second number
=, equal to	Used to compare two numbers when the first number has the same value as the second number

Grade 2 Cluster 5

NBT. 6	
***The standard algorithm of carrying or borrowing is neither an expectation nor a focus in second grade.	
combine	Unite; merge
group	A set of objects
action/operation	A mathematical process; e.g., add, subtract
NBT. 7	
***no new vocabulary	
NBT. 8	
more than	Can be used to describe an action to mentally add 10 or 100 more to a given number
less than	Can be used to describe an action to mentally subtract 10 or 100 from a given number

Grade 2 Cluster 6

MD.1	
measure	To find a number that shows the size or amount of something.
length	The distance from one point to another, measured in units such as inches, feet, centimeters, and so on
standard units of measurement	units of measurement that are typically used within each measurement system, such as inches, feet, centimeters, or meters.
customary	Inches, feet, and yards
metric	Centimeters and meters
equivalent units	Units that have the same value
ruler	Units that have the same value
yardstick	A measuring tool that is 3 feet or 36 inches long
measuring tape	A tool that can be used to measure length that is not flat or straight
meter stick	A measuring tool that is 100 centimeters long
zero point	The point on a ruler that designates 0
MD.2	
measurements	A number that shows the size or amount of something
reasonable	To verify that the result of a solution or the calculation of a problem is correct and makes sense
MD.3	

estimate	A number close to an exact amount; tells *about* how much or *about* how many
accuracy	How close a measured value is to the actual (true) value.
MD.4	
Length difference	Expressing how much longer one object is than another
shorter	Having little length when compared to another object
longer	Having greater length when compared to another object
MD. 5	
word problems	a mathematical problem expressed in words
OA.1	
unknown	a mathematical problem expressed in words
position	Where something is located
symbol	A pattern, character, or image used instead of words
compare	To decide if one number is greater than, less than, or equal to another
result	What is achieved at the end
add	To combine; to put together two or more quantities
subtract	Take away or remove
making ten	A strategy that uses combinations of numbers that add up to ten

represent	To show or express using a symbol or character
solve	To find a value (or values) to put in place of a variable that makes the equation true
one-step	One mathematical operation
two-step	Two mathematical operations
fewer	Smaller quantity or amount
more	Greater quantity or amount

Grade 2 Cluster 7

OA.1	
unknown	Not known; variable
position	Where something is located
symbol	A pattern, character, or image used instead of words
compare	To decide if one number is greater than, less than, or equal to another
result	What is achieved at the end
add	To combine; to put together two or more quantities
subtract	Take away or remove
making ten	A strategy that uses combinations of numbers that add up to ten
represent	To show or express using a symbol or character
solve	To find a value (or values) to put in place of a variable that makes the equation true
one-step	One mathematical operation
two-step	Two mathematical operations
fewer	Smaller quantity or amount
more	Greater quantity or amount
MD.10	
picture graph	A graph that uses pictures or symbols to show data
bar graph	A graph that uses lengths of rectangles to compare data

data set	A collection of information
category	A collection of things sharing a common attribute
organize	Arrange into a structure or order
survey	A way to gather data by asking questions
differences	The ways in which objects are not the same
similarities	The ways in which objects are the same
responses	Answers to questions, particularly in a survey

Grade 2 Cluster 8

OA.1	
unknown	Not known; variable
position	Where something is located
symbol	A pattern, character, or image used instead of words
compare	To decide if one number is greater than, less than, or equal to another
result	What is achieved at the end
add	To combine; to put together two or more quantities
subtract	Take away or remove
making ten	A strategy that uses combinations of numbers that add up to ten
represent	To show or express using a symbol or character
solve	To find a value (or values) to put in place of a variable that makes the equation true
one-step	One mathematical operation
two-step	Two mathematical operations
fewer	Smaller quantity or amount
more	Greater quantity or amount
MD.8	
quarter	A coin worth 25 cents
nickel	A coin worth 5 cents
dime	A coin worth 10 cents

penny	A coin worth 1 cent
dollar	An amount of money equal to 100 cents
cent	A unit of money; a penny is 1 cent
amount	The quantity of something
value	How much something is worth
make change	Exchange a sum of money
money	Coins and bills used to pay for things

Grade 2 Cluster 9

G.1	
2-dimensional shape	A plane, flat shape that has length and width
triangle	A plane shape with three straight sides
quadrilateral	A shape with 4 straight sides
pentagon	A shape with 5 straight sides
hexagon	A plane shape with 6 straight sides
(defining) attribute	A characteristic of an object such as color, shape, size, etc. Defining attributes are characteristics of a shape that are consequences of the definition - the shape will always have those characteristics.
rectangular prism	A rectangular 3-dimensional shape
cube	A solid shape with 6 square faces
describe	Telling the relevant characteristics of an object
identify	Indicate what something is
angle	The shape formed when two sides meet at the vertex
regular	All sides equal and all angles equal
irregular	At least one side different from the other sides, or angle different from the other angles
closed shape	A shape with all the sides connected
side	One of the line segments that makes a flat, 2-dimensional shape
geometric figure	Figure or area closed by a boundary which is made out of points & lines. Examples: Triangle,

	Circle, Square.
trapezoid	(exactly one pair of parallel sides)
vertex	A point where two or more line segments meet
G.3	
partition	Describes an action to divide shapes into smaller parts
equal shares	Parts of an object or group that have been divided equally into pieces
halves	Two equal parts of a closed shape
thirds	Three equal parts of a closed shape
rectangle	A shape with 4 sides and 4 square vertices
square	A shape with 4 right angles and 4 sides that are the same length
half of	One of 2 equal parts
third of	One of 3 equal parts
fourths	One of 4 equal parts
quarter of	One of 4 equal parts
whole	All of an object, a group of objects, shape, or quantity
circle	A closed shape with no sides and no vertices
identical	Exactly alike