

SD22 Numeracy Screener Dictionary of Terms for Kindergarten to Grade Three
October 2022

A	
addend	Any number used to get the sum or total in addition
area	The size a surface takes up. Area is measured in square units.
attribute	Characteristics, properties, or features which allow items to be sorted and classified as belonging to a set or a group.
C	
cardinality	When we count a set, the last number word used is the name of the quantity or "many-ness" of the set. The cardinality of a set is a measure of the set's size, for example there are ***** (5) items in the set. (We want to encourage students to connect the concept of the whole of the quantity with the act of counting. "What does five look like, feel like" fostering thinking in quantities versus numerals)
computation	A computational algorithm is a mathematical process or set of rules with defined steps designed to solve a mathematical problem or class of problems.
computational fluency	Computational fluency is defined as having efficient, flexible, and accurate methods for computing.
computation strategies	A calculation method or combination of methods (strategies) used to solve mathematical problems involving numbers or quantities.
compensation	A way of adding or taking away numbers to make calculations easier.
congruent shape	Having the same shape and the same size
conservation	The concept that a given number or quantity remains the same even though it may be arranged in different ways. (
D	
data	Data is a collection of information gathered by observation, questioning, or measurement. It is often organized in graphs and charts for analysis and may include facts, numbers, or measurement.
division	Is sharing or grouping a number into equal parts. (Dividend: the number to be divided. Divisor or factor: a number that will divide the dividend exactly)
E	
estimation	To make an approximate calculation, often based on rounding.

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equation	A mathematical statement containing an 'equals' sign, to show that two expressions are equal (the same as)
equivalent fraction(s)	Fractions with the same value.
F	
financial literacy	Financial literacy is more than just knowing about money. It is understanding financial matters and having the skills to work with this knowledge. It allows students to develop the confidence and ability to apply the knowledge, concepts, and skills.
fraction(s)	Any part of a group, number, or whole
friendly numbers	A friendly number is a number that is easy to work with. For example, multiples of 10 are 'friendly' because they are easy to work with when adding or subtracting. Early examples: 1+9, 2+8. 3+7, 4+6, 5+5, 6+4, 7+3, 8+2, 9+1
less than	Not as many as. The less than symbol < shows relationships between numbers or values.
M	
mathematics	the study of the measurement, properties, and relationships of quantities and sets, using numbers and symbols. It is the formal and broad study of the sciences of numbers, quantities, geometry, and forms.
monetary calculations	The key terms and calculations related to measurement, and the functions of money
more than	More than as many as. The more than symbol > shows relationships between numbers or values.
N	
numeracy	Numeracy is an individual's ability to reason and apply simple numerical concepts. It is a person's literacy in mathematics.
P	
partitioning	A strategy that splits (partitions) numbers into smaller addends, factors, or place values to make calculations easier.
patterning	Patterns are things that repeat in a logical way. They can be numbers, images, or shapes. The core is the shortest string of elements that repeats in a repeating pattern and is used to extend the pattern.
perimeter	The distance around the outside of a shape, calculated by adding the length of all sides together.

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place value	The value of a digit depending on its place in a number. In the decimal system, each place is 10x's bigger than the place to its right. The decimal system uses 10 digits to show all numbers 0, 1, 2, 3, 4, 5, 6, 7, 8, 9 by place by using place value and a decimal point to separate whole numbers from decimal fractions.
Q	
quantities	The amount, number of, total, sum, size or extent. How much or how many,
R	
S	
seriation	Is arranging objects in order by size, location, or position. Ordering requires the ability to see differences and compare multiple objects.
skip counting	Counting forwards or backwards in multiples or intervals of a given number.
subitizing	Instantly recognizing the number of objects in a small group without having to count them. (Relates to computational fluency)
subtrahend	In a subtraction equation, the subtrahend is taken away from the minuend to give a difference.
T	
transformation	A change in position or size, including a reflection... flip, a translation... slide, a rotation... turn and a dilation... zoom. A geometric change in position where figures remain congruent having the same size and shape, or in the case of a dilation (enlargement) the shape remains the same with the only variation being the size.
trusting the count	Is knowing that when you are counting a set of objects, the last number you say represents the total number in the set. (Related to the principle of conservation)