



Reception/EYFS	
WORD	DEFINITION
Number	Describes quantities or values
Ones column	The left column which shows a one digit number
Tens	The column to the left of the ones which shows the multiples of ten
Number sentence	A number sentence is a mathematical sentence written in numbers
Add	To join two or more numbers or quantities to get one number called the sum or total.
Subtract	To take one quantity away from another
Groups	Dividing things into equal groups or sets
Share	Dividing into equal groups
More than	Add an amount on
Less than	Take an amount away
Half	One of two equal parts
Long	Having greater than usual length in distance or time
Short	Having little length
Tall	Of more than the average height
O'clock	The hour of the clock
Half past	Halfway past the hour of the clock
2D shape	Flat shape with length and width
3D shape	Solid shape with length, width and height
Face (shape)	Flat surface of a 3D shape
Edge	Line where 2 faces of a solid shape meet
corners	Points where edges meet
Vertices	Points where edges meet (singular is vertex)
Point	The top of a cone (also a vertex)
Repeated pattern	Repeated design or sequence
Pictogram	A graph using pictures to represent amounts



Year 1

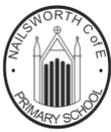
WORD	DEFINITION
Hundreds	Column to the left of the tens which shows the multiples of 100
Number family (fact family)	Set of numbers that, combined together, form a group
Counting on	Start with the biggest number and then count up from there
Counting back	Start with the biggest number and then count down from there
Double	Multiplied by 2, twice as much
Standard partitioning	a strategy that splits (partitions) numbers into smaller addends according to their place value to make calculations easier
Non-standard partitioning	a strategy that splits (partitions) numbers into smaller addends or factors to make calculations easier
Addition	To join two or more numbers or quantities to get one number called the sum or total.
Subtraction	To take one quantity away from another
Multiplication	A mathematical operation where a number is added to itself a number of times
Division	Sharing or grouping a number into equal parts
Equal	Having the same amount or value
Greater than	Is more than, symbol >
Less than	Not as many as, symbol <
Fraction	Any part of a group, number or whole
Whole	All, everything, total amount, all the parts
Quarter	One of four equal parts
Turn	To rotate an object around a centre point
Centimetre	A unit for measuring length (cm)
Metre	The metre is the base unit of length, 1 metre (m) = 100 centimetres
Kilometre	A unit for measuring distance, 1 kilometre (km) = 1000 metres
Grams	A unit for measuring mass or weight (g)
Kilograms	A unit for measuring mass or weight 1 kilogram (kg) = 1000 grams



Millilitres	A unit for measuring capacity or fluid volume (ml)
Litres	A unit for measuring capacity or fluid volume, 1 litre (l) = 1000 millilitres
Pence	Smallest unit of money (p)
Pounds	Unit of money, 1 pound (£) = 100 pence
Week	A unit of time equal to 7 days
Month	One of twelve time divisions in a year
Year	Time it takes the earth to completely orbit the sun, 1 year = 12 months
Degrees (temperature)	A unit for measuring temperature, symbol °
Block graph	A graph made of blocks or coloured squares

Year 2

WORD	DEFINITION
Tens boundary	Counting in ones from one the last number within that ten to the next ten or counting back from a multiple of ten down to the last number with the tens below
Estimate	To make a rough calculation
Difference	The smaller is subtracted from the larger
Array	a set of objects or numbers arranged in order, often in rows and columns
Third (fractions)	A fraction, one part of 3 equal parts
Minute	A unit to measure time (min)
Hour	A unit to measure time, 1 hour (hr) = 60 minutes
Quarter past (time)	When quarter of an hour has moved around the clock from the O'clock
Quarter to (time)	When another quarter of an hour needs to move to get to the next O'clock
Length	Distance from one end to the other
Height	The measurement from top to bottom
Weight	How heavy something is
Millimetres	A unit to measure length or height, 1 cm = 10 millimetres (mm)



Half turn	To rotate an object around a centre point to be facing the opposite direction
Quarter turn	To rotate an object around a centre point only quarter of the way round
3 quarter turn	To rotate an object around a centre point 3 quarter turns (only one more quarter to be a whole turn)
Clockwise	The same direction as the way hands on the clock go
Anticlockwise	The opposite direction to the way hands on the clock go
Temperature	A measurement of how hot or cold something is
Denominator	The bottom number in a fraction showing the number of parts the whole is divided into
Numerator	Number above the line of a fraction, showing the number of parts of the whole
Symmetry	An object is symmetrical when one half is a mirror image of the other half
Tally	A record of an amount; to use tally marks to record counting, each 5 separated by a diagonal mark to record the 5 th amount

Year 3

WORD	DEFINITION
Thousands	Column to the left of the tens which shows the multiples of 1000
Equivalent	With the same value
Addend	Any number used to get the sum or total
Subtrahend	The number taken away
Columnar	Calculation by lining numbers to be used underneath each other in columns
Exchange (columnar)	Exchange a digit in one column with its equivalent in the next
Multiple	Sequences of products using the same base number multiplied by different numbers
Tenth (fraction)	A fraction, one part of 10 equal parts
Hundredths	A fraction, one part of 100 equal parts
Improper fraction	A fraction equivalent to or larger than one whole, the numerator is larger than or equal to the denominator
Scaling	A ratio between two sets of measurements
Convert	Change



Apex	The highest point, the point at the top of a shape
Perimeter	Distance around the outside of a shape, calculated by adding the length of all sides together
am	Before midday
pm	After midday
24hr clock	Measuring time by 24 hour intervals to avoid using a.m. and p.m.
seconds	A unit to measure time, 1 minute = 60 seconds (secs)
Digital time	A clock without hands that uses numerals to show the time
Right angle	An 'L' shaped angle measuring 90°
Parallel	Lines the same distance apart, never touching
Horizontal	Parallel to the horizon
Perpendicular	At right angles to the horizon or another object
Mass	The quantity of matter in an object, in everyday life, mass is often called weight but they are not
Capacity	The amount a container or something can hold
Bar chart/graph	A graph using bars to show quantities or numbers so they can be easily compared
Y Axis	The vertical axis of a graph
X Axis	The horizontal axis of a graph

Year 4

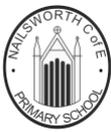
WORD	DEFINITION
Tens of thousands	Column to the left of the tens which shows the multiples of 10000
Roman numerals	Numerals invented by the ancient Romans which use seven letters of the alphabet to represent numerical values
Rounding	To change a number to a more convenient value
Sum	The total or whole amount, the result of addition
Gattegno chart	A type of place value chart to help with place value skill
Dividend	The whole which is to be divided into different equal parts
Divisor	A factor of a number
Remainder	Amount left over after dividing a number (r)



Inverse	Opposite, reverse operations
Commutative	In addition and multiplication, numbers may be added or multiplied together in any order
Improper/mixed number fraction	A number written as a whole number with a fraction
Decimal fraction	A fraction written as a decimal, a decimal point separates whole numbers from decimal fractions
Percentages	A percent or percentage is a fraction expressed as a number out of 100 followed by the % symbol
Quadrilateral	A polygon with four angles and four sides
Area	the size a surface takes up, area is shown in square units
Regular shape	All sides equal and all angles equal
Irregular shape	All sides equal and all angles not equal
Line graph	Uses lines to join points which represent a data set
Timetable	A timetable is a table showing events organised according to a time schedule
Coordinates	Coordinates are written as ordered pairs of numbers or letters and numbers, used on coordinate grids or maps

Year 5

WORD	DEFINITION
Millions	Column to the left of the tens which shows the multiples of 100000
Negative numbers	Any number less than zero, written with a minus sign
Approximate	To estimate a number, amount or total, often rounding it off to the nearest 10 or 100
Product	The result when two numbers are multiplied
Multiple	A sequence of products using the same base number multiplied by different numbers
Factor	A whole number that divides exactly into another number
Prime factor	A number that can only be divided evenly by itself and one other
Square number	A number that results from multiplying an integer by itself which is indicated by a small 2 to its upper-right
Cube number	A number raised to the third power which is indicated by a small 3 to its upper-right
Complements	The amount you must add to something to make it whole



Short division	Also known as the bus stop method
Simplify (fractions)	To reduce the numerator and denominator in a fraction to the smallest numbers possible
Ratio	The comparison of two values of the same kind, which may be written as a to b, a:b or as a fraction a/b.
Polygon	A shape having three or more straight sides
Net	A flat shape which can be folded up into a three-dimensional solid
Degrees of angles	A unit for measuring the size of an angle, symbol $^{\circ}$
Volume	Amount of space occupied by an object
Pound (weight)	Imperial unit for measuring weight (lb)
Ounce	Imperial unit for measuring weight 16 ounces (oz.) = 1 pound (lb)
Stone	Imperial unit for measuring weight, 14 oz. = 1 stone
Inch	Imperial unit for measuring length (in)
Foot (length)	Imperial unit for measuring, 12in = 1 foot (ft.)
Yard	Imperial unit for measuring
2-way tables	two-way tables are used to study the relationship between variables
First quadrant (coordinates)	The top, right-hand quadrant of a graph
Reflection	A shape flipped over a mirror line or line of reflection to face the opposite direction
Translation	Move an item in any direction without rotating it

Year 6

WORD	DEFINITION
Integer	A positive number, a negative number or zero but not a fraction or a decimal fraction
Mean average	The total of all the scores or amounts, divided by, how many scores or amounts there were
Scale factor	Ratio between two sets of measurements
Algebra	Numbers and quantities called variables are represented by letters and symbols
Expression (algebra)	An expression is one or a group of terms and may include variables, constants, operators and grouping symbols



Substitution	In algebra, the substitution of numbers for letters
Formulae	A mathematical rule written using symbols, usually as an equation describing a certain relationship between quantities
Equation	A mathematical statement containing an equals sign, to show that two expressions are equal
Enumerate	A listing of all the elements in a set
Pie chart	A graph using a divided circle where each section represents a percentage of the total