Key Mathematical Vocabulary

This document outlines the key mathematical vocabulary from the National Curriculum from EYFS to Year 6. It is intended to be used as a guide and is not exhaustive.

Teachers will promote this vocabulary at the appropriate times throughout the school year and encourage the children to use it.

New maths vocabulary for EYFS							
Number and Place Value	Addition and Subtraction	Multiplication and Division	Measure	Geometry (position and direction)	Geometry (Properties of shape)	Fractions	General/problem solving.
Number One, two, three to twenty and beyond. None Count on/up/to/from/down Before, after More, less, many, few, fewer, fewest, smaller, smallest Equal to, the same as Odd, even Digit Numeral Compare Order Size Value Between, halfway between	Number line Add, more, plus, make, sum, total, altogether Double Half, halve Equals, is the same (including equals sign) How many more to make…? How many more is,,, then,,,? How much more is…? Subtract, take away, minus.	Odd, even Double, halve Share, share equally Group in pairs Equal groups of Divide	Full, half, empty Holds Container Weigh, weighs, balance Heavy, heavier, heaviest, light, lighter, lightest Scales Time Days of the week: Monday, Tuesday etc. Seasons: Spring, Summer, Autumn, Winter Days, week, month, year, weekend Birthday, holiday Morning, afternoon, evening, night Bedtime,	Over, under, underneath, above, below, top, bottom, side On, in, outside, inside In front, behind Front, back Before, after Beside, next to Middle Up, down, forwards, backwards. Sideways Close, far Through Towards, away from Side, roll, turn	Sort Cube, cuboid, pyramid, sphere, cone, cylinder, circle, triangle, square Shape Flat, curved, straight, round Solid Corner Face, side Make, build, draw	Whole Equal One half	Listen, join in Say, think, imagine, remember Start from Look at, point to Put What comes next? Find, use, make, build Tell me, describe, pick out, talk about, explain, show me Read, write Tick, draw a line, ring Cost Count, work out Number line, number track, number square, number cards

			dinnertime, playtime Today, yesterday, tomorrow Before, after, next, last Quickest, fastest, slowest Clock Once First, second, third Estimate Too many, too few Length, height Longer, longest, shorter, shortest, taller, tallest, higher, highest Money, coin, penny, pence, pound, price, cost, buy, sell, spend, spent, pay, change How much? How many? Total			Counters, cubes, blocks, die, dice, dominoes, pegs, peg board Same way, different way In order, in a different order

New maths vocabulary for year 1							
Number and Place Value	**Addition and Subtraction**	**Multiplication and Division**	**Measure**	**Geometry (position and direction)**	**Geometry (Properties of shape)**	**Fractions**	**General/problem solving.**
Greater, lesser

Pair

Units, ones, tens

Ten more/less

Figure (s)

In order/ A different order

Above, below | Number bonds

Inverse

Near doubles

Difference between

How many fewer is…than…? How much less is…? | Once, twice, three times. Five times.

Count in tens (forwards from/ backwards from)

How many times?

Lots of, groups of

Multiple of, times, multiply, multiply by

Repeated addition

Array, row, column

Group in twos, threes, etc

Divided by, left, left over | Midnight

Now, soon, early, late

Quick, quicker, quickly, fast, slow, slower

Old, older, oldest, new, newer, newest

Takes longer, takes less time

Hour, o'clock, half past

Watch, hands

How long ago? How long will it be to…? How long will it take to…? How often?

Always, never, often, sometimes, usually

Once, Twice…

First, second, third, etc | Position

Around

Opposite

Apart

Between, edge, centre

Corner

Direction

Journey

Left, right

Across

Near

Along

To, from

Movement

Whole turn, half turn

Stretch, bend | Group

Hollow

Point, pointed

Edge | Equal parts, four equal parts

Two halves

A quarter, two quarters | Place, fit

Arrange, rearrange

Change, change over

Split, separate

Carry on, continue, repeat

Choose, collect

Record, trace, copy, complete, finish, end

Fill in, shade, colour, cross, draw, draw a line between, join (up), arrow

Answer, check, same number(s), different number(s), missing number(s)

Number facts

Abacus, rods

Best way, another way |

			Close to, about the same as, just over, just under				Not all, every, each
			Enough, not enough				
			Width, depth				
			Long, short, tall, high				
			Low, wide, narrow, deep, shallow, thick, thin				
			Far, near, close				
			Metre, ruler, metre stick				
			Costs more, costs less, dear(er), cheaper, costs the same as				

New maths vocabulary for year 2						
Number and place value	Measure	Geometry (position and direction)	Geometry (properties of shape)	Fractions	Data/statistics	General/problem solving
Numbers to one hundred Hundreds Partition, recombine Hundred more/less	Quarter past/to m/km, g/kg, ml/l Temperature (degrees)	Rotation Clockwise, anticlockwise Straight line Ninety degree turn, right angle	Size Bigger, larger, smaller Symmetrical, line of symmetry Fold Match Mirror line, reflection Pattern, repeating pattern	Three quarters, one third, a third Equivalence, equivalent	Count, tally, sort Vote Graph, block graph, pictogram, Represent Group, set, list, table Label, title Most popular, most common, least popular, least common	Predict Describe the pattern, describe the rule Find, find all, find different Investigate

New maths vocabulary for year 3

Number and place value	Addition and subtraction	Multiplication and division	Measure	Geometry (position and direction)	Geometry (properties of shape)	Fractions	Data/statistics
Numbers to one thousand	Column addition and subtraction	Product Multiples of four, eight, fifty and one hundred Scale up	Leap year Twelve-hour/twenty-four-hour clock Roman numerals I to XIII	Greater/less than ninety degrees Orientation (same orientation, different orientation)	Horizontal, vertical, perpendicular and parallel lines	Numerator, denominator Unit fraction, non-unit fraction Compare and order Tenths	Chart, bar chart, frequency table, Carroll diagram, Venn diagram Axis, axes Diagram

New maths vocabulary for year 4

Number and place value	Multiplication and division	Measure	Geometry (position and direction)	Geometry (properties of shape)	Fractions and decimals	Data/statistics
Tenths, hundredths Decimal (places) Round (to nearest) Thousand more/less than Negative integers Count through zero Roman numerals (I to C)	Multiplication facts (up to 12x12) Division facts Inverse Derive	Convert	Coordinates Translation Quadrant x-axis, y-axis Perimeter and area	Quadrilaterals Triangles Right angle, acute and obtuse angles	Equivalent decimals and fractions	Continuous data Line graph

New maths vocabulary for year 5

Number and place value	Addition and subtraction	Multiplication and division	Measure	Geometry (position and direction)	Geometry (properties of shape)	Fractions, decimals and percentages
Powers of 10	Efficient written method	Factor pairs Composite numbers, prime number, prime factors, square number, cubed number Formal written method	Volume Imperial units, metric units	Reflex angle Dimensions	Regular and irregular Polygons	Proper fractions, improper fractions, mixed numbers Percentage Half, quarter, fifth, two fifths, four fifths Ratio, proportion

New maths vocabulary for year 6

Number and place value	Addition and subtraction	Multiplication and division	Geometry (position and direction)	Geometry (properties of shape)	Fractions, decimals and percentages	Algebra	Data/statistics
Numbers to ten million	Order of operations	Order of operations Common factors, common multiples	Four quadrants (for coordinates)	Vertically opposite (angles) Circumference, radius, diameter	Degree of accuracy Simplify	Linear number sequence Substitute Variables Symbol Known values	Mean Pie chart Construct