

### New mathematics vocabulary for Year 1

Number and place value	Addition and subtraction	Multiplication and division	Measure	Geometry (position and direction)	Geometry (properties of shape)	Fractions	Problem solving
Ten more/less	Number bonds	Odd, even	Full, half full, empty	Position	Group, sort	Whole	Listen, join in
Digit	Number line	Count in twos, threes, fives	Holds	Over, under, underneath, above, below, top, bottom, side	Cube, cuboid, pyramid,	Equal parts, four equal parts	Say, think, imagine, remember
Numeral	Add, more, plus, make, sum, total, altogether	Count in tens (forwards from/backwards from)	Container	On, in, outside, inside	Sphere, cone, cylinder, circle, triangle, square	One half, two halves	Start from, start with, start at
Compare	Inverse	How many times?	Weigh, weighs, balances	Around, in front, behind	Shape	A quarter, two quarters	Look at, point to
(In) order/a different order	Double, near double	Lots of, groups of	Heavy, heavier, heaviest, light, lighter, lightest	Front, back	Flat, curved, straight, round		Put, place, fit
Size			Scales		Hollow, solid		Arrange, rearrange

## New mathematics vocabulary for Year 1

Number and place value	Addition and subtraction	Multiplication and division	Measure	Geometry (position and direction)	Geometry (properties of shape)	Fractions	Problem solving
Value	Equals, is the same as	Once, twice, three times, five times	Time	Before, after	Corner (point, pointed)		Change, change over
Between, halfway between	(including equals sign)	Multiple of, times, multiply, multiply by	Days of the week	Beside, next to, Opposite	Face, side, edge		Split, separate
Above, below	Difference between	Repeated addition	Seasons	Apart	Make, build, draw		Carry on, continue, repeat, what comes next?
	How many more to make..?, how many more is...than..?, how much more is..?	Array, row, column	Day, week, month, year, weekend	Between, middle, edge, centre			Find, choose, collect, use, make, build
	Subtract, take away, minus	Double, halve	Birthday, holiday	Corner			Tell me, describe, pick out, talk about, explain, show me
	How many fewer is...than..?, how much less is..?	Share, share equally	Morning, afternoon, evening, night, midnight	Direction			Read, write, record, trace, copy, complete, finish, end
		Group in pairs, threes, etc.	Bedtime, dinnertime, playtime	Journey			Fill in, shade, colour, tick, cross, draw, draw a line between, join (up), ring, arrow
		Equal groups of	Today, yesterday, tomorrow	Left, right, up, down, forwards, backwards, sideways			
		Divide, divided by, left, left over	Before, after	Across			
			Next, last	Close, far, near			

### New mathematics vocabulary for Year 1

Number and place value	Addition and subtraction	Multiplication and division	Measure	Geometry (position and direction)	Geometry (properties of shape)	Fractions	Problem solving
			<p>Now, soon, early, late</p> <p>Quick, quicker, quickest, quickly, fast, faster, fastest, slow, slower, slowest, slowly</p> <p>Old, older, oldest, new, newer, newest</p> <p>Takes longer, takes less time</p> <p>Hour, o'clock, half past</p> <p>Clock, watch, hands</p> <p>How long ago?, how long will it be to...?, how long will it take to...?, how often?</p>	<p>Along, through</p> <p>To, from, towards, away from</p> <p>Movement</p> <p>Slide, roll, turn, whole turn, half turn</p> <p>Stretch, bend</p>			<p>Cost</p> <p>Count, work out, answer, check same number(s)/different number(s)/missing number(s)</p> <p>Number facts, number line, number track, number square, number cards</p> <p>Abacus, counters, cubes, blocks, rods, die, dice, dominoes, pegs, peg board</p> <p>Same way, different way, best way, another way</p>

## New mathematics vocabulary for Year 1

Number and place value	Addition and subtraction	Multiplication and division	Measure	Geometry (position and direction)	Geometry (properties of shape)	Fractions	Problem solving
			<p>Always, never, often, sometimes, usually</p> <p>Once, twice</p> <p>First, second, third, etc.</p> <p>Estimate, close to, about the same as, just over, just under</p> <p>Too many, too few, not enough, enough</p> <p>Length, width, height, depth</p> <p>Long, longer, longest, short, shorter shortest, tall, taller, tallest, high, higher, highest</p>				<p>In order, in a different order</p> <p>Not all, every, each</p>

### New mathematics vocabulary for Year 1

Number and place value	Addition and subtraction	Multiplication and division	Measure	Geometry (position and direction)	Geometry (properties of shape)	Fractions	Problem solving
			Low, wide, narrow, deep, shallow, thick, thin  Far, near, close  Metre, ruler, metre stick  How much?, how many?  Money, coin, penny, pence, pound, price, cost, buy, sell, spend, spent, pay, change, dear(er), costs more, costs less, cheaper, costs the same as  Total				

### New mathematics vocabulary for Year 2

Number and place value	Measure	Geometry (position and direction)	Geometry (properties of shape)	Fractions	Data/statistics	Problem solving

Numbers to one hundred	Quarter past/to	Rotation	Size	Three quarters, one third, a third	Count, tally, sort	Predict
Hundreds	m/km, g/kg, ml/l	Clockwise, anticlockwise	Bigger, larger, smaller	Equivalence, equivalent	Vote	Describe the pattern, describe the rule
Partition, recombine	Temperature (degrees)	Straight line	Symmetrical, line of symmetry		Graph, block graph, Pictogram	Find, find all, find different
Hundred more/less		Ninety degree turn, right angle	Fold		Represent	Investigate
			Match		Group, set, list, table	
			Mirror line, reflection		Label, title	
			Pattern, repeating pattern		Most popular, most common, least popular, least common	

### New mathematics vocabulary for Year 3 & 4

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

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

New mathematics vocabulary for Year 5 & 6								
Number and place value	Addition and subtraction	Multiplication and division	Measures	Geometry (position and direction)	Geometry (properties of shape)	Fractions, decimals and percentages	Algebra	Data/statistics
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		

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
------------------------	---------------------	---	--	----------------------------------	---	--------------------------------	---	--------------------------------