



# Mathematics Vocabulary Progression

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	Number bonds, number line	Odd, even	Full, half full, empty	Position	Group, sort	Whole	Listen, join in
Zero, one, two, three to twenty	Add, more, plus, make, sum, total, altogether	Count in twos, fives	Holds	Over, under, underneath, above, below, top, bottom, side	Cube, cuboid, pyramid, sphere, cone, cylinder, circle, triangle, square, rectangle	Equal parts	Say, think, imagine, remember
None		Count in tens	Container			One half, two halves	
Count (on/up/to/from/down)	Double, Half, halve	Lots of, groups of	Weigh, weighs, balances	On, in, outside, inside	Shape		Start from, start with, start at
Before, after	Equals, is the same as (including equals sign)	Share, share equally	Heavy, heavier, heaviest, light, lighter, lightest	Around, in front, behind	Flat, curved, straight, round		Look at, point to
More, less, many, few, fewer, least, fewest, smallest		Group in pairs, threes, etc.	Scales	Front, back	Solid		Put, place, fit
Equal to, the same as	Difference between	Equal groups of	Time	Before, after	Corner (point, pointed)		Arrange, rearrange
Odd, even	How many more to make..? How many more is...than..? How much more is..?	Left, left over	Days of the week: Monday, Tuesday, etc.	Beside, next to, Opposite	Face, side, edge		Split, separate
Pair				Between, middle, edge, centre	Make, build, draw		Carry on, continue, repeat & what comes next?
Ones, tens				Corner			Find, choose, collect, use,



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<p>Numeral</p> <p>Figure(s)</p> <p>Compare</p> <p>(In) order/a different order</p> <p>Size</p> <p>Between, halfway between</p> <p>Above, below</p>	<p>Subtract, take away</p> <p>How many fewer is...than..? How much less is..?</p>		<p>Seasons: spring, summer, autumn, winter</p> <p>Day, week, month, year, weekend</p> <p>Birthday, holiday</p> <p>Morning, afternoon, evening, night</p> <p>Bedtime, dinnertime, playtime</p> <p>Today, yesterday, tomorrow</p> <p>Before, after</p> <p>Next, last</p> <p>Now, soon, early, late</p> <p>Quick, quicker, quickest, quickly, fast, faster, fastest, slow,</p>	<p>Direction</p> <p>Journey</p> <p>Left, right, up, down, forwards, backwards, sideways</p> <p>Across</p> <p>Close, far, near</p> <p>Along, through</p> <p>To, from, towards, away from</p> <p>Movement</p> <p>Stretch, bend</p>			<p>make, build</p> <p>Tell me, describe, pick out, talk about, explain, show me</p> <p>Read, write, record, trace, copy, complete, finish, end</p> <p>Fill in, shade, colour, tick, cross, draw, draw a line between, join (up), ring, arrow</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,</p>
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# Mathematics Vocabulary Progression

			<p>slower, slowest, slowly</p> <p>Old, older, oldest, new, newer, newest</p> <p>Takes longer, takes less time</p> <p>How long ago? How long will it be to...? How long will it take to...? How often?</p> <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>number track, number square, number cards</p> <p>Abacus, counters, cubes, blocks, Cuisenaire rods, die, dice, dominoes, pegs, peg board</p> <p>Same way, different way, best way, another way</p> <p>In order, in a different order</p> <p>Not all, every, each</p>
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# Mathematics Vocabulary Progression

			<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>Low, wide, narrow, deep, shallow, thick, thin</p> <p>Far, near, close</p> <p>Metre, ruler, metre stick</p> <p>Money, coin, penny, pence, price, cost, buy, sell, spend, spent, pay, change, dear(er), costs more, costs</p>				
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# Mathematics Vocabulary Progression

			less, cheaper, costs the same as				
			How much? How many?				
			Total				





# Mathematics Vocabulary Progression

## Year 2

Number and place value	Measure	Geometry (position and direction)	Geometry (properties of shape)	Fractions	Data/statistics	General/problem solving
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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
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# Mathematics Vocabulary Progression

## 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, 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





# Mathematics Vocabulary Progression

## 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)	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)						



# Mathematics Vocabulary Progression

## 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



# Mathematics Vocabulary Progression

## 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



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