



Mathematics Vocabulary Progression



EYFS

Number & Place Value

Number
Zero, one, two, three to twenty
None
Count (on/up/to/from/down)
Before, after
More, less, least, greater
Ones, tens
Numeral

Addition & Subtraction

Number bonds, number line
Add, more, plus, make, sum, total, altogether
Inverse
Double
Half
Subtract, take away, minus

Measurement

Full, half full, empty
Holds
Container
Weigh, weighs, balances
Heavy, heavier, heaviest, light, lighter, lightest
Time
Days of the week: Monday, Tuesday, etc.
Seasons Day, weekend, Morning, afternoon, Bedtime, dinnertime, playtime Today, yesterday, tomorrow Next, last, Hour, o'clock, half past, How long will it take to...? Once, twice, First, second, third, etc.
Estimate, close to, about the same as, just over, just under
Too many, too few, not enough, enough Length, width, height
Long, longer, longest, short, shorter shortest, tall, taller, tallest, high, higher, highest



Mathematics Vocabulary Progression

	<p>Money, coin, penny, pence, pound, price, cost, pay</p> <p>How much? How many? Total</p>
Position & Direction	<p>Position</p> <p>Over, under, underneath, above, below, top, bottom, side on, in, outside, inside</p> <p>around, in front, behind</p> <p>Front, back</p> <p>Before, after</p> <p>Beside, next to,</p> <p>Between, middle,</p> <p>Corner</p>
Shape	<p>Group, sort</p> <p>Cube, cuboid, pyramid, sphere, cone, cylinder, circle, triangle, square</p> <p>Shape</p> <p>Flat, curved, straight, round</p> <p>Solid</p> <p>Corner (point, pointed)</p> <p>Side, edge</p>
Problem Solving	<p>Listen, join in</p> <p>Start from, start with, start at</p> <p>Look at</p> <p>Put</p> <p>Arrange</p> <p>Find, choose, collect, use, make, build</p> <p>Count, work out</p> <p>number line, number cards</p> <p>Counters, cubes, dice, dominoes</p> <p>Whole, half</p>



Mathematics Vocabulary Progression

Year 1

Number & Place Value

Zero, one, two, three to twenty, and beyond
many, few, fewer, fewest, smallest, lesser
Equal to, the same as
Odd, even
Pair
Ten more/less
Digit
Figure(s)
Compare (In) order/a different order
Size
Value
Between, halfway between
Above, below

Addition & Subtraction

Near double
Halve
Equals, is the same as (including equals sign)
Difference between
How many more to make...? How many more is...than...? How much more is...?
How many fewer is...than.? How much less is...?

Multiplication & Division

Odd, even
Count in twos, threes, fives
Count in tens (forwards from/backwards from)
How many times?
Lots of, groups of
Once, twice, three times, five times
Multiple of, times, multiply,
Repeated addition
Double, halve
Share, share equally



Mathematics Vocabulary Progression

	<p>Group in pairs, threes, etc.</p> <p>Equal groups of</p> <p>Divide, left, left over</p>
Measurement	<p>Scales</p> <p>Spring, summer, autumn, winter</p> <p>Week, month, year</p> <p>Birthday, holiday</p> <p>Evening, night, midnight</p> <p>Before, after</p> <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>Clock, watch, hands</p> <p>How long ago? How long will it be to...? How often?</p> <p>Always, never, often, sometimes, usually</p> <p>Low, wide, narrow, deep, thick, thin</p> <p>Far, near, close</p> <p>Meter, ruler, meter stick</p> <p>Buy, sell, spend, spent, change, dear(er), costs more, costs less, cheaper, costs the same as</p>
Position & Direction	<p>Opposite</p> <p>Apart</p> <p>Edge, centre</p> <p>Direction</p> <p>Journey</p> <p>Left, right, up, down, forwards, backwards, sideways</p> <p>Across^{SEP}</p> <p>Close, far, near</p> <p>Along, through</p> <p>To, from, towards, away from</p>



Mathematics Vocabulary Progression

	<p>Movement</p> <p>Slide, roll, turn, whole turn, half turn</p> <p>Stretch, bend</p>
Shape	<p>Hollow</p> <p>Corner (point, pointed)</p> <p>Face</p> <p>Make, build, draw</p>
Fractions	<p>Equal parts, four equal parts</p> <p>A quarter, two quarters</p>
Problem Solving	<p>Say, think, imagine, remember</p> <p>Point to</p> <p>Place, fit</p> <p>Rearrange</p> <p>Change, change over</p> <p>Split, separate</p> <p>Carry on, continue, repeat & what comes next?</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>Answer, check same number(s)/different number(s)/missing number(s)</p> <p>Number facts, number track, number square,</p> <p>Abacus, blocks, rods, die, 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>



Mathematics Vocabulary Progression

Year 2

Number & Place Value	Numbers to one hundred Hundreds Partition, recombine Hundred more/less
Four Operations	Array, row, column Multiply by Divided by Inverse
Measurement	Quarter past/to m/km, g/kg, ml/l Temperature (degrees C)
Position & Direction	Rotation Clockwise, anticlockwise Straight line Ninety-degree turn, right angle
Shape	Size Bigger, larger, smaller Symmetrical, line of symmetry Fold Match Mirror line, reflection Pattern, repeating pattern
Fractions	Three quarters, one third, a third Equivalence, equivalent
Statistics	Count, tally, sort Vote Graph, block graph, pictogram, Represent



Mathematics Vocabulary Progression

	Group, set, list, table Label, title Most popular, most common, least popular, least common
Problem Solving	Predict, prove Describe the pattern, describe the rule Find, find all, find different Investigate
Year 3	
Number & Place Value	Numbers to one thousand
Addition & Subtraction	Column addition and subtraction
Multiplication & Division	Product Multiples of four, eight, fifty and one hundred
Measurement	Leap year Twelve- hour/twenty-four- hour clock Roman numerals I to XIII
Position & Direction	Greater/less than ninety degrees Orientation (same orientation, different orientation) Perimeter and area
Shape	Horizontal, perpendicular and parallel lines Quadrilaterals Triangles
Fractions	Numerator, denominator Unit fraction, non-unit fraction Compare and order Fifth, two fifths, four fifths, tenths Equivalent



Mathematics Vocabulary Progression

Statistics

Chart, bar chart, frequency table,
Carroll diagram,
Venn diagram
Axis, axes
Diagram



Mathematics Vocabulary Progression

Year 4

Number & Place Value	Tenths, hundredths Decimal (places) Round (to nearest) Thousand more/less than Negative integers Count through zero Roman numerals (I to C)
Multiplication & Division	Multiplication facts (up to 12x12) Division facts Inverse Derive
Measurement	Convert
Position & Direction	Coordinates Translation Quadrant X-axis Y-axis Perimeter and area
Shape	Quadrilaterals Triangles Right angle, acute and obtuse angles
Fractions & Decimals	Equivalent decimals and fractions
Statistics	Continuous data Line graph



Mathematics Vocabulary Progression

Year 5

Number & Place Value	Powers of 10
Addition & Subtraction	Efficient written method
Multiplication & Division	Factor pairs Composite numbers, prime number, prime factors, square number, cubed number Formal written method
Measurement	Volume Imperial units, metric units
Position & Direction	Reflex angle Dimensions
Shape	Regular and irregular Polygons
Fractions, Decimals & Percentages	Proper fractions, improper fractions, mixed numbers Percentage Ratio, proportion



Mathematics Vocabulary Progression

Year 6

Number & Place Value	Numbers to ten million
Addition & Subtraction	Order of operations BIDMAS (Brackets, Indices, Division, Multiplication, Addition, Subtraction)
Multiplication & Division	Order of operations BIDMAS (Brackets, Indices, Division, Multiplication, Addition, Subtraction) Common factors, common multiples
Position & Direction	Four quadrants (for coordinates)
Shape	Vertically opposite (angles) Circumference, radius, diameter
Fractions, Decimals & Percentages	Degree of accuracy Simplify
Statistics	Mean Pie chart Construct
Algebra	Linear number sequence Substitute Variables Symbol Known values