



# Maths Vocabulary Progressions Document

## Hambrook Primary School

### 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	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, and beyond	Add, more, plus, make, sum, total, altogether	Count in twos, threes, fives	Holds	Over, under, underneath, above, below, top, bottom, side	Cube, cuboid, pyramid, sphere, cone, cylinder, circle, triangle, square	Equal parts, four equal parts	Say, think, imagine, remember
None	Inverse	Count in tens (forwards from/backwards from)	Container	on, in, outside, inside	Shape	One half, two halves	Start from, start with, start at
Count (on/up/to/from/down)	Double, near double	How many times?	Weigh, weighs, balances	around, in front, behind	Flat, curved, straight, round	A quarter, two quarters	Look at, point to
Before, after	Half, halve	Lots of, groups of	Heavy, heavier, heaviest, light, lighter, lightest	Front, back	Hollow, solid		Put, place, fit
More, less, many, few, fewer, least, fewest, smallest, greater, lesser	Equals, is the same as (including equals sign)	Once, twice, three times, five times	Scales	Before, after	Corner (point, pointed)		Arrange, rearrange
Equal to, the same as	Difference between	Multiple of, times, multiply, multiply by	Time	Beside, next to, Opposite	Face, side, edge		Change, change over
Odd, even	How many more to make..? How	Repeated addition	Days of the week: Monday, Tuesday, etc.	Apart	Make, build, draw		Split, separate
Pair		Array, row, column	Seasons: spring, summer, autumn, winter	Between, middle, edge, centre			Carry on, continue, repeat & what comes next?
Units, ones, tens		Double, halve	Day, week, month, year, weekend	Corner			Find, choose, collect, use, make, build
Ten more/less			Birthday, holiday	Direction			Tell me, describe, pick out, talk about, explain, show me
Digit			Morning, afternoon, evening,				Read, write, record, trace, copy, complete, finish, end

<p>Numeral</p> <p>Figure(s)</p> <p>Compare</p> <p>(In) order/a different order</p> <p>Size</p> <p>Value</p> <p>Between, halfway between</p> <p>Above, below</p>	<p>many more is...than...? How much more is..?</p> <p>Subtract, take away, minus</p> <p>How many fewer is...than...? How much less is..?</p>	<p>Share, share equally</p> <p>Group in pairs, threes, etc.</p> <p>Equal groups of</p> <p>Divide, divided by, left, left over</p>	<p>night, midnight</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, 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>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>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>Slide, roll, turn, whole turn, half turn</p> <p>Stretch, bend</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, 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> <p>In order, in a different order</p> <p>Not all, every, each</p>
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			<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, pound, price, cost, buy, sell, spend, spent, pay, change, dear(er), costs more, costs less, cheaper, costs the same as</p> <p>How much? How many?</p> <p>Total</p>				
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## 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

### 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, 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

### 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

## 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

## 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