



# Bishop Bridgeman C.E. Primary School

Part of Archbishop Temple Multi Academy Trust

We Work, We Play, We Care, We Pray

“Love God, Love Yourself, Love Your Neighbour” Luke 10:27

## MATHEMATICS VOCABULARY PROGRESSION

This document is designed to assist with the teaching of vocabulary across EYFS, KS1 and KS2 and is aligned with the White Rose schemes of learning. It identifies in which year group vocabulary should be explicitly taught and introduced. However, language should be revisited in subsequent year groups to ensure children are consolidating their understanding. This document is fully editable so language can be moved into earlier or later year groups where necessary. Some vocabulary might be introduced earlier (shapes for instance) if necessary or as part of an activity, however this document ensures coverage is progressive.

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	Double, Half, halve	Count in tens	Container	On, in, outside, inside	Shape	One half, two halves	Start from, start with, start at
Count (on/up/to/from/down)	Equals, is the same as (including equals sign)	Lots of, groups of	Weigh, weighs, balances	Around, in front, behind	Flat, curved, straight, round		Look at, point to
Before, after	Difference between	Double, halve	Heavy, heavier, heaviest, light, lighter, lightest	Front, back	Solid		Put, place, fit
More, less, many, few, fewer, least, fewest, smallest	How many more to make..? How many more is...than..? How much more is..?	Share, share equally	Scales	Before, after	Corner (point, pointed)		Arrange, rearrange
Equal to, the same as		Group in pairs, threes, etc.	Time	Beside, next to, Opposite	Face, side, edge		Split, separate
Odd, even		Equal groups of	Days of the week: Monday, Tuesday, etc.	Between, middle, edge, centre	Make, build, draw		Carry on, continue, repeat & what comes next?
Pair		Left, left over	Seasons: spring, summer, autumn, winter	Corner			Find, choose, collect, use, make, build
Ones, tens			Day, week, month, year, weekend	Direction			Tell me, describe, pick out, talk about, explain, show me
Numeral			Birthday, holiday	Journey			Read, write, record, trace, copy, complete, finish, end
Figure(s)			Morning, afternoon, evening, night	Left, right, up, down, forwards, backwards, sideways			Fill in, shade, colour, tick, cross, draw, draw a line between, join (up), ring, arrow
Compare			Bedtime, dinnertime, playtime	Across			Cost
(In) order/a different order			Today, yesterday, tomorrow	Close, far, near			
Size			Before, after	Along, through			
Between, halfway between			Next, last				
Above, below							

			<p>Now, soon, early, late</p> <p>Quick, quicker, quickest, quickly, fast, faster, fastest, slow,</p> <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>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>To, from, towards, away from</p> <p>Movement</p> <p>Stretch, bend</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, 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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**YEAR 2**

<b>Number and place value</b>	<b>Measure</b>	<b>Geometry (position and direction)</b>	<b>Geometry (properties of shape)</b>	<b>Fractions</b>	<b>Data/statistics</b>	<b>General/problem solving</b>
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

**YEAR 3**

<b>Number and place value</b>	<b>Addition, subtraction, multiplication and division</b>	<b>Measure</b>	<b>Geometry (position and direction)</b>	<b>Geometry (properties of shape)</b>	<b>Fractions</b>	<b>Data/statistics</b>
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

### YEAR 4

<b>Number and place value</b>	<b>Multiplication and division</b>	<b>Measure</b>	<b>Geometry (position and direction)</b>	<b>Geometry (properties of shape)</b>	<b>Fractions</b>	<b>Data/statistics</b>
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)						

### YEAR 5

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

**YEAR 6**

<b>Number and place value</b>	<b>Addition and subtraction,</b>	<b>Multiplication and division</b>	<b>Geometry (position and direction)</b>	<b>Geometry (properties of shape)</b>	<b>Fractions, decimals and percentages</b>	<b>Algebra</b>	<b>Data/statistics</b>
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