

# Bradley Green Primary Academy

## Progression in Maths Vocabulary



	EYFS	Year 1	Year 2	Year 3	Year 4	Year 5	Year 6
<b>Number and Place Value</b>	One more One less Place Order Number Count Numbers up to twenty Number line Repeating patterns Number bonds Difference Pictorial Answer Equals Read Write Pattern Even Pair	Same as EYFS, plus:  Forwards Backward Numerals Words Multiples Equal to More than Less than Fewer Most Least Identify Represent Digit Calculate Odd Even Pattern Numbers up to one hundred	Same as EYFS & Year 1, plus:  Ones Tens Two-digit Estimate Place value Solve Problems Greater than > Less than < Nearest ten Number facts Partition Count in steps Zero Compare Determine Value Equivalent to	Same as EYFS & KS1, plus:  Hundreds Three-digit ten more one hundred more ten less one hundred less Roman numeral Numbers up to one thousand Place holder Factor	Same as previous year groups, plus:  Thousands Four-digit Negative number One thousand more One thousand less Decimal Decimal place Rounding Nearest ten Nearest hundred Nearest thousand Whole number Integer Tenths Hundredths Positive numbers	Same as previous year groups, plus:  Ten thousands Hundred thousands Millions Context Steps of powers Decimal equivalents Two decimal places Thousandths Numbers up to one million Cubed numbers Prime	Same as previous year groups, plus:  Intervals across zero Three decimal places Hundredths Thousandths Ten thousandths Numbers up to ten million Prime factor Powers of 10
	<b>Number – Addition and Subtraction</b>	Add Subtract Addition Subtraction Adding Subtracting Number Number line Count on Count back Answer Doubling Halving Sharing Numbers to twenty Check	Same as EYFS, plus:  One step problem Concrete object Pictorial representation missing number Problem Interpret Equals = Signs One-digit Two-digit Ones Mental Mentally	Same as EYFS & Year 1, plus:  Column addition Column Subtraction Tens Order Inverse Relationship Calculation Solve problems Missing number problems Quantities Measures	Same as EYFS & KS1, plus:  Three-digit number Hundreds Estimate Number facts Function machine	Same as previous year groups, plus:  Two step problems Context Four-digit	Same as previous year groups, plus:  Increasingly large numbers More than 4 digits Rounding Determine Multi-step problems Decimals

	Part-part whole	Whole Minus Missing number Near double Total	Formal written method Mental method Method Operation Apply Whole number				
<b>Multiplication and Division</b>	sharing doubling halving numbers pattern	<i>Same as EYFS, plus:</i>	<i>Same as EYFS &amp; Year 1, plus:</i>	<i>Same as EYFS &amp; KS1, plus:</i>	<i>Same as previous year groups, plus:</i>	<i>Same as previous year groups, plus:</i>	<i>Same as previous year groups, plus:</i>
		Multiples Twos Fives Tens Multiply Divide Multiplication Division Concrete object Pictorial representation Arrays Repeated addition Count Equals Write	Multiplication facts Division facts Multiplication tables Odd numbers Even numbers Share Equally Repeated division Calculate Twice as big Lots of Inverse	Missing number problem Estimate Formal written method Mathematical statement Recall Integer Two- digit One- digit	Derived facts Factors Factor pairs Scaling problems Three-digit	Decimals Four-digit Long multiplication Short division Remainders Context Common factors Common multiples Prime numbers Prime factors Composite numbers Square number Cube number	Scale factor Long division Whole number remainders Fractions Rounding Mixed operations Factor tree
<b>Measure</b>	Measure Measurement Size Weight Capacity Compare Solve Problems Object Time Heavier than Lighter than Full Empty Heavy Light Long Short Longer Shorter Half Half full Empty More than Less than	<i>Same as EYFS, plus:</i>	<i>Same as EYFS &amp; Year 1, plus:</i>	<i>Same as EYFS &amp; KS1, plus:</i>	<i>Same as previous year groups, plus:</i>	<i>Same as previous year groups, plus:</i>	<i>Same as previous year groups, plus:</i>
		Length Height Double Half Mass Volume Quarter Quicker Slower Earlier Late O' clock Half past Minute hand Hour hand	Greater than > Less than < Equals = Intervals Standard units Estimate Direction Temperature Unit Scales Rulers Thermometers Measuring vessels Metres Centimetres Kilograms Grams Degrees Celsius Litres Millilitres Symbols	Duration Time taken Nearest minute Record Seconds a.m. p.m noon midnight kilometre millimetres perimeter analogue clock roman numerals 12-hour 24-hour Leap year	Estimate Rectilinear figure Area Rectilinear shapes Convert	Square centimetres (cm <sup>2</sup> ) Square metres (m <sup>2</sup> ) Irregular shapes Volume (cm <sup>3</sup> ) Cubes Cuboids Square numbers Cube numbers Metric measure Metric units Imperial units Inches Pounds Pints	Decimal notation Cubic centimetres (cm <sup>3</sup> ) Cubic metres (m <sup>3</sup> ) Cubic millimetre (mm <sup>3</sup> ) Cubic kilometre (Km <sup>3</sup> ) Decimal places formulae Miles

			Pounds (£) Pence (p) Change Five past Ten past Quarter past Twenty past Twenty-five past Half past Twenty-five to Twenty to Quarter to Ten to Five to				
<b>Geometry (Position and Direction)</b>	Position Distance Direction Move Movement Patterns Left Right Up Down	Same as EYFS, plus:	Same as EYFS & Year 1, plus:	Same as EYFS & KS1, plus:	Same as previous year groups, plus:	Same as previous year groups, plus:	Same as previous year groups, plus:
		Half turn Quarter turn Three- quarter turn	Rotation Right angle Clockwise Anti-clockwise Order Arrange Sequence		Co-ordinates Quadrant Grid Translate Translation Axis X- axis Y-axis Spaces Unit Plot Point Polygon	Reflection	Four quadrants
<b>Geometry (Shape)</b>	Shape Square Rectangle Circle Triangle Sides Straight side Curved side Cone Cylinder Cuboid Cube Sphere	Same as EYFS, plus:	Same as EYFS & Year 1, plus:	Same as EYFS & KS1, plus:	Same as previous year groups, plus:	Same as previous year groups, plus:	Same as previous year groups, plus:
		2-D Shapes 3-D Shapes Two-Dimensional Three-Dimensional Pyramid Pentagon Hexagon	Properties Compare Line symmetry Vertical line Edges Faces Vertices Heptagon Octagon Rhombus	Angle Turn Right angles Quarter of a turn Half-turn Three quarters of a turn Complete turn Horizontal lines	Lines of symmetry Symmetric figure Classify Geometric shapes Quadrilaterals Acute angle Obtuse angle	Angles Measure Degrees Missing lengths Missing angles Regular polygons Irregular polygons Degrees Estimate Compare Reflex angle Point	Radius Diameter Circumference Nets

			Polygon Square-based pyramid Triangular pyramid prism	Vertical lines Perpendicular lines Parallel line		Straight line Multiples	
<b>Fractions, Decimals and Percentages</b>		Fraction Half Equal parts One whole Object Shape Quantity Quarter	<i>Same as EYFS &amp; Year 1, plus:</i>	<i>Same as EYFS &amp; KS1, plus:</i>	<i>Same as previous year groups, plus:</i>	<i>Same as previous year groups, plus:</i>	<i>Same as previous year groups, plus:</i>
			Simple fractions Equivalent Equivalence	Tenths Unit fractions Non - unit fractions Numerator Denominator Compare Order Solve problems	Hundredths Decimal Decimal place One decimal place Two decimal places Round decimals Whole number Common equivalent fractions Decimal equivalents Dividing Ones Tenths Hundredths	Thousandths Multiples Three decimal places Percent Number of parts per hundred Percentages Decimal fraction Mixed numbers Improper fraction Proper fraction Convert Multiply Percentage and decimal equivalents	Common factors Common multiples Decimal fraction equivalents Simplest form
<b>Statistics</b>			Interpret Construct Pictogram Tally chart Block diagrams Horizontal Vertical x- axis y-axis key Category Sort Compare Data Quantity Total	<i>Same as EYFS &amp; KS1, plus:</i>	<i>Same as previous year groups, plus:</i>	<i>Same as previous year groups, plus:</i>	<i>Same as previous year groups, plus:</i>
				Present Presented Graph Statistics Bar charts Tables Solve One - step questions Two - step questions Information	Time graphs Comparison Problems	Timetables Line graph	Pie chart Calculate Mean Average
		Solve One -step problem	<i>Same as EYFS &amp; Year 1, plus:</i>		<i>Same as previous year groups, plus:</i>	<i>Same as previous year groups, plus:</i>	<i>Same as previous year groups, plus:</i>

<b>Algebra</b>		Missing number Check Calculate problem Sequence Chronological	Inverse relationship Compare Order Arrange Pattern		Perimeter Algebra Algebraically	Properties Rectangles Deduce Related facts Missing lengths Missing angles	Missing number Problem Pairs Number sentence Variables Combination Possibility Enumerate Equation Formulae Generate Linear number sequence
<b>Ratio and Proportion</b>							Ratio Proportion Size Quantity Missing value Integer Multiplication Division Multiply Divide Solve Problem Calculate Percentage Comparison Unequal Grouping Fractions Multiples
<b>General</b>	Tens frame	Digit cards Hundred square Number square	Investigate Tally Represent	Diagram Input Output	General rule Properties		Algebra Formula Function