



Respect for All, Ambitious in Aspirations, Bold in Action
 "...with God all things are possible." Matthew 19:26

Maths vocabulary for Year 3 & 4 taken from the National Curriculum (building on the yr1/2 vocabulary)

Year 3 is written in blue text

Year 4 is written in orange text

Number- number and place value	Number- addition and subtraction	Number - multiplication and division	Number- fractions	Measurement	Geometry -properties of shapes	Geometry- position and direction	Statistics
<ul style="list-style-type: none"> • Multiples • Hundreds • Numbers (up to 999) • Three-digit number • Partition • Integer • One thousand more/less • Negative numbers • Four-digit numbers • Numeral system • Decimal numbers • Rounding • To nearest... 	<ul style="list-style-type: none"> • Columnar addition • Columnar subtraction • Formal written methods • Estimate • Inverse operations • Missing number problems 	<ul style="list-style-type: none"> • Correspondence problems • Multiplication tables • Related facts • Product • Scale up • Multiple of 3 • Multiple of 4 • Multiple of 8 • Multiple of 6 • Multiple of 7 • Multiple of 9 • Multiple of 11 • Multiple of 12 • Factor pairs • Formal written method • Derive facts 	<ul style="list-style-type: none"> • Tenths • Denominator • Compare • Order • Unit fractions • Non-unit fractions • Numerator • Equivalent fractions • Decimal equivalents • Fractions of quantities • Nearest whole number • Hundredths • Simplify • Proportions 	<ul style="list-style-type: none"> • Leap year • Twelve-hour/twenty-four-hour clock • Perimeter • Millimetre • Roman numerals (1-12) • Change • Mixed units] • Convert • Rectilinear figure • Area • Estimate • Dimensions • Roman numerals (1-100) 	<ul style="list-style-type: none"> • Orientations • Properties • Angles • Turn • Right angle • Acute • Obtuse • Horizontal • Vertical • Perpendicular • Parallel • Symmetrical/non-symmetrical • Ninety degrees • Geometric shapes • Quadrilaterals • Lines of symmetry • Isosceles • Equilateral • Scalene • Parallelogram • Rhombus • Trapezium • Regular • Irregular • Polygon 	<ul style="list-style-type: none"> • Co-ordinate • First-quadrant • Translation • Plot • Points • X-axis • Y-axis 	<ul style="list-style-type: none"> • Bar charts • Pictograms • Data • Unit • Axis • Time-graphs • Discrete data • Continuous data • Sum/difference • Tables • Scales • Line graphs



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<u>Question starters:</u>	<u>STEM Sentences:</u>	<u>Problem solving skills:</u>	<u>Reasoning skills:</u>
<ul style="list-style-type: none">• Explain why...• I wonder why...• What will happen if...• How will you know...• How can we find ...• Is there another way...• What makes you think that...	<ul style="list-style-type: none">• I noticed that...• It's different because• It's the same as ... because• It can't be...•• It could be...because• If...then...• It would work if...• It won't work...because• I know...because	<ul style="list-style-type: none">• Work backwards• Systematic recording• Conjecturing and hypothesising• Trial and improvement• Patterns and relationships• Organising a list or a table• Visualising• Logical reasoning• Finding a starting point	<ul style="list-style-type: none">• Analyse• Justify• Explain• Decision make• Identify starting point and key information• Evaluate reasonableness• Predict• Deduce• Prove