



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

Maths vocabulary for Year 5 & 6 taken from the National Curriculum (building on the yr1/2/3/4 vocabulary)

Year 5 is written in blue text

Year 6 is written in orange text

Number- number and place value	Number- addition and subtraction	Number - multiplication and division	Number- fractions (including decimals and percentages)	Measurement	Geometry -properties of shapes	Geometry- position and direction	Statistics
<ul style="list-style-type: none"> • Powers of ten • Numbers up to one million • Three-decimal places • Linear number sequence • Term-to-term rule • Numbers up to ten million • Degree of accuracy • Brackets • Order of operations • Integer 	<ul style="list-style-type: none"> • Multi-step problem • Most efficient method 	<ul style="list-style-type: none"> • Factor pairs • Common factors • Prime numbers • Prime factors • Composite numbers • Remainder in context • Squared numbers • Cubed numbers • Equivalence statement • Unequal sharing 	<ul style="list-style-type: none"> • Mixed numbers • Improper fractions • Proper fractions • Thousandths • Decimal notation • Three decimal places • Percent • Puzzles • Connections • Common multiples • Simplest form 	<ul style="list-style-type: none"> • Metric • Imperial units • Pounds (weight) • Inches • Pints • Approximate equivalences • Composite rectilinear shapes • Standard units • Volume • Mass • Scaling • Unknown lengths • Unknown widths • Miles • Miles per hour 	<ul style="list-style-type: none"> • Degrees • Reflex angle • Deduce related facts • Distinguish between... • Conventional markings • Protractor • Parallelogram • Cubic centimetres • Cubic meters • Classify • Radius • Diameter • Circumference • Rhombus • Vertex • Vertically opposite angles 	<ul style="list-style-type: none"> • Reflection • Mirror • All four quadrants • Translate • Missing co-ordinates 	<ul style="list-style-type: none"> • Read • Interpret • Timetable • Pie chart • Mean • Average • Enquiry
<p>Algebra:</p> <ul style="list-style-type: none"> • Formulae • Generate • Describe • Linear sequences • Satisfy an equation • Enumerate possibilities • Combinations • Variables • Equivalent expressions • Generalise number patterns 				<p>Ratio and proportion:</p> <ul style="list-style-type: none"> • Quantities • Relative • Scale factor • Unequal sharing • Ratio • Proportionality 			



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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