

MATHS	Term 1	Term 2	Term 3	Term 4	Term 5	Term 6
Year 7	<p><b>Number</b></p> <ul style="list-style-type: none"> <li>• Written Methods</li> <li>• Negative Numbers</li> <li>• Order of Operations</li> <li>• Types of Number</li> <li>• Powers and Roots</li> </ul> <p><b>Algebra</b></p> <ul style="list-style-type: none"> <li>• Simplifying Expressions</li> <li>• Expanding Brackets</li> <li>• Substitution</li> </ul> <p><b>Geometry</b></p> <ul style="list-style-type: none"> <li>• Angle Facts: (Triangle, Straight Line, Quadrilaterals and Vertically Opposite Angles)</li> </ul>	<p><b>Number</b></p> <ul style="list-style-type: none"> <li>• Fractions: (Of amounts, <math>+-x\div</math>, Mixed to Improper)</li> </ul> <p><b>Ratio/Proportion</b></p> <ul style="list-style-type: none"> <li>• Percentages Non Calc methods: (of amounts, Increase/Decrease, % change, reverse)</li> </ul> <p><b>Algebra</b></p> <ul style="list-style-type: none"> <li>• Factorising</li> <li>• Solving Equations</li> <li>• Use of Formulae</li> </ul> <p><b>Geometry</b></p> <ul style="list-style-type: none"> <li>• Constructions and Loci</li> </ul>	<p><b>Algebra</b></p> <ul style="list-style-type: none"> <li>• Equations of Lines (Table of values, drawing, parallel lines, Interpreting)</li> <li>• Distance-Time Graphs</li> </ul> <p><b>Ratio/Proportion</b></p> <ul style="list-style-type: none"> <li>• Distance, Speed and Time</li> </ul> <p><b>Probability/Statistics</b></p> <ul style="list-style-type: none"> <li>• Two-Way Tables</li> <li>• Stem and Leaf</li> <li>• Pie Charts</li> <li>• Scatter Graphs</li> </ul>	<p><b>Probability/Statistics</b></p> <ul style="list-style-type: none"> <li>• Averages from lists</li> <li>• Averages from tables</li> <li>• Reverse Averages</li> <li>• Probability</li> <li>• Venn Diagrams</li> </ul> <p><b>Ratio/Proportion</b></p> <ul style="list-style-type: none"> <li>• Ratio (Simplifying, Sharing)</li> </ul> <p><b>Algebra</b></p> <ul style="list-style-type: none"> <li>• Sequences (nth term, Fibonacci)</li> </ul>	<p><b>Number</b></p> <ul style="list-style-type: none"> <li>• Rounding</li> <li>• Estimation</li> <li>• Ordering Decimals</li> </ul> <p><b>Ratio/Proportion</b></p> <ul style="list-style-type: none"> <li>• Best Buy</li> <li>• Conversion Graphs</li> </ul> <p><b>Geometry</b></p> <ul style="list-style-type: none"> <li>• Area and Perimeter of Shapes (Rectangle, Triangle, Trapezium, Circles)</li> <li>• Angles in Parallel Lines</li> <li>• Bearings</li> <li>• Transformations</li> </ul>	<p><b>Number</b></p> <ul style="list-style-type: none"> <li>• Fractions: (Problem Solving all skills)</li> </ul> <p><b>Ratio/Proportion</b></p> <ul style="list-style-type: none"> <li>• Percentages: (All skills, Simple and Compound Interest)</li> </ul> <p><b>Algebra</b></p> <ul style="list-style-type: none"> <li>• Forming and Solving Equations</li> <li>• Factorising Single Brackets</li> <li>• Expanding Double Brackets</li> </ul> <p><b>Geometry</b></p> <ul style="list-style-type: none"> <li>• Volume and Surface Area (Cube, Cuboids, Triangular Prisms)</li> <li>• Area and Perimeter of Compound Shapes</li> </ul>
Year 8	<p><b>Number</b></p> <ul style="list-style-type: none"> <li>• Types of Number</li> <li>• HCF/LCM</li> <li>• Product of Primes</li> <li>• Standard Form</li> <li>• Indices/Powers/Roots</li> </ul> <p><b>Algebra</b></p> <ul style="list-style-type: none"> <li>• Linear Equations</li> <li>• Expanding and Factorising</li> <li>• Quadratic Equations</li> <li>• Index Laws</li> </ul>	<p><b>Number</b></p> <ul style="list-style-type: none"> <li>• Fractions: (Of amounts, <math>+-x\div</math>, Mixed to Improper, Ordering)</li> </ul> <p><b>Ratio/Proportion</b></p> <ul style="list-style-type: none"> <li>• Percentages Non-Calc: (amounts, Increase/Decrease, % change, reverse, Simple and Compound Interest)</li> </ul> <p><b>Algebra</b></p>	<p><b>Algebra</b></p> <ul style="list-style-type: none"> <li>• Equations of Lines (Table of values, drawing, parallel lines, Interpreting)</li> <li>• Quadratic Graphs (Table of Values, Turning Points, Solutions)</li> <li>• Non-Linear Graphs</li> </ul> <p><b>Probability/Statistics</b></p> <ul style="list-style-type: none"> <li>• Basic Probability</li> <li>• Probability Trees</li> </ul>	<p><b>Probability/Statistics</b></p> <ul style="list-style-type: none"> <li>• Averages from lists</li> <li>• Averages from Tables</li> <li>• Reverse Mean</li> <li>• Scatter Graphs</li> <li>• Stem and Leaf</li> <li>• Pie Charts</li> </ul> <p><b>Ratio/Proportion</b></p> <ul style="list-style-type: none"> <li>• Ratio (Sharing, Combined, 1:n)</li> <li>• Direct Proportion</li> </ul>	<p><b>Number</b></p> <ul style="list-style-type: none"> <li>• Use of a calculator</li> </ul> <p><b>Algebra</b></p> <ul style="list-style-type: none"> <li>• Distance-Time Graphs</li> <li>• Ratio/Proportion</li> <li>• Distance Speed Time</li> </ul> <p><b>Geometry</b></p> <ul style="list-style-type: none"> <li>• Area of Shapes</li> <li>• Circles and Sectors</li> <li>• Angles in Polygons</li> <li>• Pythagoras</li> <li>• Trigonometry</li> </ul>	<p><b>Ratio/Proportion</b></p> <ul style="list-style-type: none"> <li>• Percentages: (All Calculator Percentage skills)</li> </ul> <p><b>Algebra</b></p> <ul style="list-style-type: none"> <li>• Forming and Solving Equations (Linear and Quadratic)</li> <li>• Linear Simultaneous Equations</li> </ul> <p><b>Geometry</b></p>



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		<ul style="list-style-type: none"> <li>Forming and Solving Equations</li> <li>Rearranging Formulae</li> </ul> <p><b>Geometry</b></p> <ul style="list-style-type: none"> <li>Bearings</li> <li>Angles in Parallel Lines</li> <li>Transformations (Translation, Reflection, Rotation, Enlargement)</li> </ul>	(Independent) <ul style="list-style-type: none"> <li>Venn Diagrams</li> </ul>			<ul style="list-style-type: none"> <li>Volume and Surface Area (Cuboids, Prisms, Cylinders)</li> <li>Pythagoras and Trigonometry (Including Problem Solving)</li> </ul>
Year 9	<p><b>Number</b></p> <ul style="list-style-type: none"> <li>Indices/Powers/Roots</li> <li>Rounding</li> <li>Fractions</li> <li>Error Intervals and Bounds</li> </ul> <p><b>Algebra</b></p> <ul style="list-style-type: none"> <li>Expanding and Factorising</li> <li>Linear/Quadratic Equations</li> </ul> <p><b>Geometry</b></p> <ul style="list-style-type: none"> <li>Problems with Bounds</li> </ul>	<p><b>Number</b></p> <ul style="list-style-type: none"> <li>Percentages (All Calculator Skills)</li> </ul> <p><b>Ratio/Proportion</b></p> <ul style="list-style-type: none"> <li>Ratio Skills</li> </ul> <p><b>Algebra</b></p> <ul style="list-style-type: none"> <li>Rearranging Formulae</li> </ul> <p><b>Geometry</b></p> <ul style="list-style-type: none"> <li>Pythagoras and Trigonometry</li> <li>Similarity</li> <li>Angles in Polygons</li> </ul>	<p><b>Algebra</b></p> <ul style="list-style-type: none"> <li>Equations of Lines (Interpreting, Parallel and Perpendicular)</li> <li>Quadratic Graphs</li> <li>Simultaneous Equations (inc. quad)</li> <li>Completing the Square</li> </ul> <p><b>Probability/Statistics</b></p> <ul style="list-style-type: none"> <li>Probability</li> <li>Probability Trees (Independent and Conditional)</li> </ul>	<p><b>Number</b></p> <ul style="list-style-type: none"> <li>Standard Form</li> <li>Estimation</li> <li>Decimals to Fractions</li> </ul> <p><b>Algebra</b></p> <ul style="list-style-type: none"> <li>Sequences</li> <li>Rearranging Formulae</li> </ul> <p><b>Ratio/Proportion</b></p> <ul style="list-style-type: none"> <li>Direct Proportion</li> <li>DT Graphs</li> <li>Density Mass Volume</li> <li>Distance Speed Time</li> </ul> <p><b>Geometry</b></p> <ul style="list-style-type: none"> <li>Area (Incl. Sectors)</li> <li>Transformations</li> <li>Exact Trig Values</li> <li>Angle Facts</li> </ul> <p><b>Probability/Statistics</b></p> <ul style="list-style-type: none"> <li>Relative Frequency</li> </ul>	<p><b>Probability/Statistics</b></p> <ul style="list-style-type: none"> <li>Venn Diagrams and Set Notation</li> <li>Averages from Tables</li> <li>Cumulative Frequency and Box Plots</li> <li>Stem and Leaf</li> <li>Histograms</li> <li>Frequency Polygons</li> </ul> <p><b>Geometry</b></p> <ul style="list-style-type: none"> <li>Volume and Surface Area of Prisms</li> <li>Volume and Surface Area of Cones and Spheres</li> </ul>	<p><b>Number</b></p> <ul style="list-style-type: none"> <li>Introduction to Surds</li> <li>Prime factors</li> </ul> <p><b>Algebra</b></p> <ul style="list-style-type: none"> <li>Sequences (Linear/Quadratic)</li> <li>Linear Inequalities</li> <li>Functions (Notation, Composite)</li> </ul> <p><b>Geometry</b></p> <ul style="list-style-type: none"> <li>Pythagoras and Trigonometry</li> <li>Sine and Cosine Rule</li> <li>Area of any Triangle</li> <li>Circle Theorems</li> </ul>



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