



### KS3 Curriculum Overview: Mathematics

	Year 7	Year 8	Year 9
<b>Autumn Term</b>	<p><b>Algebra</b></p> <ul style="list-style-type: none"> <li>- Sequences</li> <li>- Collecting Like Terms</li> <li>- Coordinates &amp; Graphs</li> </ul> <p><b>Number</b></p> <ul style="list-style-type: none"> <li>- BIDMAS</li> <li>- Factors &amp; Multiples</li> <li>- Fractions &amp; Decimals</li> <li>- Negative Numbers</li> </ul> <p><b>Geometry</b></p> <ul style="list-style-type: none"> <li>- Angles</li> </ul> <p><b>Statistics</b></p> <ul style="list-style-type: none"> <li>- Probability</li> </ul>	<p><b>Algebra</b></p> <ul style="list-style-type: none"> <li>- Expressions</li> <li>- Equations</li> <li>- Forming &amp; Solving Equations</li> </ul> <p><b>Number</b></p> <ul style="list-style-type: none"> <li>- Factors &amp; Multiples</li> <li>- Negative Numbers</li> <li>- BIDMAS</li> <li>- Rounding &amp; Approximating</li> </ul> <p><b>Geometry</b></p> <ul style="list-style-type: none"> <li>- Area &amp; Perimeter</li> <li>- Volume &amp; Surface Area</li> <li>- Pythagoras</li> </ul>	<p><b>Algebra</b></p> <ul style="list-style-type: none"> <li>- Equations including Quadratics</li> <li>- Factorising</li> </ul> <p><b>Number</b></p> <ul style="list-style-type: none"> <li>- Standard Form</li> <li>- Rounding</li> <li>- Number Properties</li> <li>- Powers &amp; Roots</li> </ul> <p><b>Geometry</b></p> <ul style="list-style-type: none"> <li>- Constructions &amp; Loci</li> </ul> <p><b>Statistics</b></p> <ul style="list-style-type: none"> <li>- Probability</li> <li>- Sample Space Diagrams</li> <li>- Tree Diagrams</li> </ul>
<b>Spring Term</b>	<p><b>Algebra</b></p> <ul style="list-style-type: none"> <li>- Solving Equations</li> </ul> <p><b>Number</b></p> <ul style="list-style-type: none"> <li>- Percentages</li> </ul> <p><b>Geometry</b></p> <ul style="list-style-type: none"> <li>- Perimeter &amp; Area</li> <li>- Volume</li> <li>- Transformations</li> </ul> <p><b>Statistics</b></p> <ul style="list-style-type: none"> <li>- Mean, Median &amp; Mode</li> </ul>	<p><b>Algebra</b></p> <ul style="list-style-type: none"> <li>- Simultaneous Equations</li> </ul> <p><b>Number</b></p> <ul style="list-style-type: none"> <li>- Ratio &amp; Proportion</li> </ul> <p><b>Geometry</b></p> <ul style="list-style-type: none"> <li>- Shape &amp; Angle Properties</li> </ul> <p><b>Statistics</b></p> <ul style="list-style-type: none"> <li>- Probability</li> <li>- Representing Data</li> </ul>	<p><b>Algebra</b></p> <ul style="list-style-type: none"> <li>- Straight Line Graphs</li> <li>- Non-Linear Graphs</li> </ul> <p><b>Number</b></p> <ul style="list-style-type: none"> <li>- Sequences</li> <li>- Quadratic &amp; Special Sequences</li> </ul> <p><b>Geometry</b></p> <ul style="list-style-type: none"> <li>- Area</li> <li>- Circles</li> </ul> <p><b>Statistics</b></p> <ul style="list-style-type: none"> <li>- Averages</li> <li>- Cumulative Frequency</li> </ul>



<b>Summer Term</b>	<b>Algebra</b> <ul style="list-style-type: none"><li>- Graphs</li></ul> <b>Number</b> <ul style="list-style-type: none"><li>- Percentages</li><li>- Ratios</li></ul> <b>Geometry</b> <ul style="list-style-type: none"><li>- 3D Shapes</li><li>- Angles</li></ul> <b>Statistics</b> <ul style="list-style-type: none"><li>- Representing Data</li><li>- Experimental</li><li>- Probability</li></ul>	<b>Algebra</b> <ul style="list-style-type: none"><li>- Inequalities</li><li>- Sequences</li><li>- Straight Line Graphs</li></ul> <b>Number</b> <ul style="list-style-type: none"><li>- Fractions, Decimals, Percentages</li><li>- Reverse Percentages</li></ul> <b>Geometry</b> <ul style="list-style-type: none"><li>- Shape &amp; Angle Properties</li><li>- Transformations</li></ul> <b>Statistics</b> <ul style="list-style-type: none"><li>- Averages</li></ul>	<b>Algebra</b> <ul style="list-style-type: none"><li>- Simultaneous Equations</li><li>- Inequalities</li></ul> <b>Number</b> <ul style="list-style-type: none"><li>- Ratio &amp; Proportion</li></ul> <b>Geometry</b> <ul style="list-style-type: none"><li>- Pythagoras</li><li>- Trigonometry</li></ul> <b>Statistics</b> <ul style="list-style-type: none"><li>- Representing Data</li></ul>
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