

# KS3 Maths Curriculum 2025-2026

	Year 7	Year 8	Year 9
Term 1 – Number	<ul style="list-style-type: none"> <li>• Order of operations</li> <li>• Negative Numbers</li> <li>• Fractions (basic)</li> <li>• Rounding</li> </ul>	<ul style="list-style-type: none"> <li>• Standard form (basic)</li> <li>• Fractions (advanced)</li> <li>• HCF &amp; LCM</li> <li>• Prime factor decomposition</li> </ul>	<ul style="list-style-type: none"> <li>• HCF, LCM &amp; prime factor decomposition</li> <li>• Standard form (advanced)</li> <li>• Surds</li> <li>• Bounds</li> </ul>
Term 2 – Algebra	<ul style="list-style-type: none"> <li>• Expressions and expansion</li> <li>• Solving basic equations</li> <li>• Nth term</li> <li>• Basic index laws</li> </ul>	<ul style="list-style-type: none"> <li>• Expanding advanced brackets</li> <li>• Index laws</li> <li>• Rearranging formula</li> <li>• Linear graphs</li> </ul>	<ul style="list-style-type: none"> <li>• Advanced solving equations</li> <li>• Advanced rearrange the formula</li> <li>• Quadratic sequences</li> <li>• Simultaneous equations</li> </ul>
Term 3 – Ratio & Proportion	<ul style="list-style-type: none"> <li>• Simplifying ratios</li> <li>• Percentages of amounts</li> <li>• FDP</li> </ul>	<ul style="list-style-type: none"> <li>• simple interest</li> <li>• Percentage change</li> <li>• Direct proportion</li> </ul>	<ul style="list-style-type: none"> <li>• Compound interest</li> <li>• Advanced and combined ratios</li> <li>• Direct and inverse proportion</li> <li>• Distance time graphs</li> </ul>
Term 4 – Geometry	<ul style="list-style-type: none"> <li>• Area of 2D shapes</li> <li>• Angles in 2D shapes</li> <li>• Angles in parallel lines</li> </ul>	<ul style="list-style-type: none"> <li>• Volume and surface area of 3D shapes</li> <li>• Transformations</li> <li>• Angles in polygons</li> </ul>	<ul style="list-style-type: none"> <li>• Volume and surface area of advanced 3d shapes</li> <li>• Sectors and arcs</li> <li>• Congruency</li> <li>• Pythagoras and trigonometry</li> </ul>
Term 5 – Statistics	<ul style="list-style-type: none"> <li>• Pictograms</li> <li>• Bar charts &amp; Pie charts</li> <li>• Averages</li> </ul>	<ul style="list-style-type: none"> <li>• Averages</li> <li>• Mean from tables</li> <li>• Two way tables</li> </ul>	<ul style="list-style-type: none"> <li>• Scatter graphs</li> <li>• Stem and leaf</li> <li>• Venn diagrams</li> </ul>
Term 6 - Recap	<ul style="list-style-type: none"> <li>• Advanced equations</li> <li>• Expanding brackets advanced</li> <li>• Percentage increase and decrease</li> </ul>	<ul style="list-style-type: none"> <li>• Pythagoras</li> <li>• Nth term</li> <li>• Standard form advanced</li> </ul>	<ul style="list-style-type: none"> <li>• Compound measures</li> <li>• Advanced surds</li> <li>• Drawing advanced graphs</li> </ul>