

	Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2
<b>Year 7</b> all sets	<ul style="list-style-type: none"> <li>• Place Value</li> <li>• Sequences</li> <li>• Mental/written arithmetics</li> <li>• Co-ordinates</li> <li>• Basic algebra</li> <li>• BIDMAS</li> <li>• Negative numbers</li> </ul>	<ul style="list-style-type: none"> <li>• Rounding</li> <li>• Approximation</li> <li>• Fractions</li> <li>• Decimals</li> <li>• Percentages</li> <li>• Ratio &amp; Proportion</li> </ul>	<ul style="list-style-type: none"> <li>• Simplify algebraic expressions</li> <li>• Expanding brackets</li> <li>• Equations</li> <li>• Substitution</li> <li>• Probability</li> </ul>	<ul style="list-style-type: none"> <li>• Angles</li> <li>• 2D Shapes</li> <li>• Perimeter &amp; Area</li> <li>• Averages</li> <li>• Collecting &amp; processing data</li> </ul>	<ul style="list-style-type: none"> <li>• Transformations</li> <li>• 3D Shapes</li> <li>• Volume &amp; Surface area</li> <li>• Pattern &amp; sequences</li> <li>• Functions &amp; graphs</li> <li>• Multiples &amp; Factors</li> <li>• HCF, LCM</li> <li>• Using calculator</li> </ul>	<ul style="list-style-type: none"> <li>• Problem solving involving</li> <li>• Fractions</li> <li>• Percentages</li> <li>• Decimals</li> <li>• Ratio and proportion</li> <li>• Algebra and all the other topics which have been covered</li> </ul>
<b>Year 8</b> all sets	<ul style="list-style-type: none"> <li>• Percentages</li> <li>• Fractions</li> <li>• Ratio &amp; proportion</li> <li>• Expansion &amp; factorisation</li> <li>• Equations</li> <li>• Inequalities</li> </ul>	<ul style="list-style-type: none"> <li>• Angles &amp; Polygons</li> <li>• Speed &amp; real life graphs</li> <li>• Pie charts</li> <li>• Scatter graphs</li> <li>• Distributions</li> </ul>	<ul style="list-style-type: none"> <li>• Transformations</li> <li>• Construction</li> <li>• Bearing &amp; Loci</li> <li>• Error in measurement</li> <li>• Standard Form</li> </ul>	<ul style="list-style-type: none"> <li>• Decimals</li> <li>• Rational and real numbers</li> <li>• Circles</li> <li>• Pythagoras</li> <li>• Volume &amp; Surface area</li> </ul>	<ul style="list-style-type: none"> <li>• Straight line graphs</li> <li>• Algebraic graphs</li> <li>• Simultaneous equations</li> <li>• Rearranging formulae</li> <li>• Probability</li> <li>• Venn diagram</li> </ul>	<ul style="list-style-type: none"> <li>• Trigonometry</li> <li>• Congruence &amp; similarity</li> <li>• Investigation and problem solving involving all the topics which have been covered</li> </ul>
<b>Year 9</b> sets 1, 2 & 3	<ul style="list-style-type: none"> <li>• Calculation &amp; rounding</li> <li>• Real life graphs</li> <li>• Polygons, angles and parallel lines</li> <li>• Algebra</li> <li>• Elevation, construction</li> </ul>	<ul style="list-style-type: none"> <li>• Angles &amp; Polygons</li> <li>• Speed &amp; real life graphs</li> <li>• Pie charts</li> <li>• Scatter graphs</li> <li>• Distributions</li> </ul>	<ul style="list-style-type: none"> <li>• Linear graphs and coordinate geometry</li> <li>• Percentages</li> <li>• Substitution</li> <li>• Rearranging Formulae</li> <li>• Iteration</li> </ul>	<ul style="list-style-type: none"> <li>• Averages and range</li> <li>• Pythagoras theorem</li> <li>• Trigonometry</li> </ul>	<ul style="list-style-type: none"> <li>• Perimeter and area</li> <li>• Circle</li> <li>• Transformations</li> <li>• Probability</li> <li>• 3D shapes</li> <li>• Volume and surface area</li> <li>• Standard Form</li> </ul>	<ul style="list-style-type: none"> <li>• Ratio &amp; Proportion</li> <li>• Cumulative frequency</li> <li>• Box plots</li> <li>• Scatter graphs</li> <li>• Bearing</li> <li>• Loci</li> </ul>
<b>Year 9</b> sets 4 & 5	<ul style="list-style-type: none"> <li>• Integers, place value</li> <li>• interpreting tables</li> <li>• Properties of shapes</li> <li>• Angles</li> <li>• Statistics and sampling</li> <li>• Congruent shapes</li> <li>• Constructions</li> <li>• Algebra</li> </ul>	<ul style="list-style-type: none"> <li>• Fractions</li> <li>• Charts and graphs</li> <li>• Factors, multiples, primes</li> <li>• Sequences</li> <li>• Decimals</li> </ul>	<ul style="list-style-type: none"> <li>• Straight line graphs</li> <li>• Converting decimals, fractions &amp; percentages</li> <li>• Percentages</li> <li>• Averages and range</li> </ul>	<ul style="list-style-type: none"> <li>• Indices, powers and roots</li> <li>• Properties of right-angled triangles</li> <li>• Pythagoras theorem</li> </ul>	<ul style="list-style-type: none"> <li>• Perimeter and area</li> <li>• Ratio and proportion</li> <li>• Transformations</li> <li>• Probability</li> <li>• Algebra</li> </ul>	<ul style="list-style-type: none"> <li>• Index laws</li> <li>• Pie charts</li> <li>• HCF, LCM</li> <li>• Expansion and factorisation</li> <li>• Problem solving</li> </ul>