

## Maths

	Autumn	Spring	Summer
<b>Year 7</b>	<ul style="list-style-type: none"> <li>Sequences, <math>n</math>th term, special numbers, inequalities, rounding, negative numbers, fractions</li> <li>Basic algebra, substitution, BIDMAS, percentages and written calculation</li> <li>Area, using a calculator, averages and range, probability, angles, polygons, straight line graphs and unit conversion.</li> </ul>	<ul style="list-style-type: none"> <li>Area, using a calculator, averages and range, probability, angles, polygons, straight line graphs and unit conversion</li> <li>Equations, writing expressions, rearranging formula, types of symmetry, transformations, ratio and proportion</li> </ul>	<ul style="list-style-type: none"> <li>Volume, surface area, percentages with calculators, bearings, types of graph, compound measures and circles</li> </ul>
<b>Year 8</b>	<ul style="list-style-type: none"> <li>Sequences and <math>n^{\text{th}}</math> term</li> <li>Fractions and percentages</li> <li>Negative numbers</li> <li>Prime factors and their uses</li> <li>Written calculations</li> <li>Algebra / rules of indices</li> <li>Standard form</li> <li>geometry</li> </ul>	<ul style="list-style-type: none"> <li>Area/perimeter</li> <li>Averages</li> <li>Probability</li> <li>Scatter diagrams</li> <li>Pythagoras theorem</li> <li>Brackets and equations</li> <li>Graphs</li> <li>Transformations</li> </ul>	<ul style="list-style-type: none"> <li>Formulae and expressions</li> <li>Simultaneous equations</li> <li>Unit conversion</li> <li>Ratio and proportion</li> <li>Volume and surface area</li> <li>Percentages</li> <li>Quadratics and factorising</li> <li>Iteration</li> </ul>
<b>Year 9</b>	<ul style="list-style-type: none"> <li>Calculations/problem solving</li> <li>Special numbers</li> <li>Algebra</li> <li>Rules of indices</li> <li>Fractions and percentages</li> <li>Statistics</li> </ul>	<ul style="list-style-type: none"> <li>Geometry</li> <li>Pythagoras and trigonometry</li> <li>Types of graphs</li> <li>Coordinate geometry</li> <li>Displaying data</li> </ul>	<ul style="list-style-type: none"> <li>Circles</li> <li>Volume</li> <li>Probability</li> <li>Simultaneous equations</li> <li>Accuracy and bounds</li> </ul>
<b>KS4 Exam Board: Edexcel</b>			
<b>Year 10</b>	<ul style="list-style-type: none"> <li>Similarity and congruence</li> <li>Constructions and Loci</li> <li>Direct and inverse proportion</li> <li>Trigonometry</li> <li>Bearings</li> </ul>	<ul style="list-style-type: none"> <li>Circle geometry</li> <li>Vectors</li> <li>Functions</li> <li>Advanced algebra</li> <li>Graphs and curves</li> </ul>	<ul style="list-style-type: none"> <li>Grade D/C revision</li> </ul>
<b>Year 11</b>	<ul style="list-style-type: none"> <li>Grade B/A revision</li> </ul>	<ul style="list-style-type: none"> <li>Grade A* revision if appropriate / practice papers / general revision</li> </ul>	<ul style="list-style-type: none"> <li>Prepare for GCSE</li> </ul>