

<b>Year 11 Autumn Term Curriculum Summary</b>	
English and English Literature	<ul style="list-style-type: none"> <li>• Paper 1 Section A for English Language</li> <li>• Macbeth revision</li> </ul>
Maths -- Foundation	<ul style="list-style-type: none"> <li>• Solving Quadratic Equations</li> <li>• Pythagoras' Theorem</li> <li>• Arcs and Sectors</li> <li>• Solving Simultaneous Equations Graphically</li> <li>• Trigonometry</li> <li>• Proportion</li> <li>• Reverse Percentages</li> <li>• Loci</li> <li>• Displaying Grouped Data</li> <li>• Limits of Accuracy</li> <li>• Vectors</li> </ul>
Maths - Higher	<ul style="list-style-type: none"> <li>• Trigonometry – the Sine Rule</li> <li>• Quadratic Simultaneous Equations</li> <li>• Circular Function</li> <li>• Further Trigonometry</li> <li>• Rearranging Formulae</li> <li>• Solving Equations Numerically</li> <li>• Transformations of Functions</li> <li>• Histograms</li> <li>• Properties of Non-Linear Graphs</li> </ul>
Science	<ul style="list-style-type: none"> <li>• Biology – B5.2 Natural Selection and Evolution; B6.1 Monitoring and Maintaining the Environment; B6.2 Feeding the Human Race; B6.3 Health</li> <li>• Chemistry - C5.1 Monitoring Chemical Reactions; C5.2 Controlling Reactions; C5.3 Equilibria; C6.1 Improving Processes and Products</li> <li>• Physics - P8.1 Physics on the Move; P8.2 Powering Earth; P4.2 Uses of Magnetism; P8.3 Beyond Earth; P7.1 Work Done</li> </ul>
Art	<ul style="list-style-type: none"> <li>• Independent projects from a choice of seven; research and portfolio work</li> </ul>
Business	<ul style="list-style-type: none"> <li>• Business revenues, costs and profits.</li> <li>• Cash and cash-flow</li> <li>• Sources of business finance</li> <li>• Business calculations</li> </ul>
Citizenship	<ul style="list-style-type: none"> <li>• Citizen participation in politics and society.</li> <li>• The role of groups and organisations in democratic societies.</li> <li>• The role of the media and a free press.</li> <li>• The use of the media for influence.</li> <li>• The UK's role and influence with the rest of Europe.</li> <li>• The UK's role with the rest of the world.</li> <li>• Rights and responsibilities in challenging global situations.</li> </ul>
Computer Science	<ul style="list-style-type: none"> <li>• Computer Networks, Connections and Protocols</li> <li>• Network Security</li> </ul>

DT	<ul style="list-style-type: none"> <li>• Much of the practical work will focus on wood, metal and plastics as the main materials.</li> <li>• Students will use a wide range of machinery, materials, processes, hand tools and equipment throughout the course.</li> </ul>
Drama	<ul style="list-style-type: none"> <li>• Macbeth exploration; live play review; script performance</li> </ul>
Engineering (GCSE)	<ul style="list-style-type: none"> <li>• Much of the work will focus on mechanical components, electrical components and electrical systems.</li> <li>• Students will use a wide range of machinery, materials, processes, hand tools and equipment throughout the course</li> <li>• NEA</li> </ul>
Engineering (Vocational)	<ul style="list-style-type: none"> <li>• Engineering Design, which is internally assessed</li> <li>• Producing Engineering Products, which is internally assessed</li> <li>• Solving Engineering Problems, which is externally assessed</li> </ul>
Food Preparation and Nutrition	<ul style="list-style-type: none"> <li>• Food, nutrition and health</li> <li>• Food science</li> <li>• Food safety</li> <li>• Food choice</li> <li>• Food provenance</li> <li>• NEA</li> </ul>
French	<ul style="list-style-type: none"> <li>• Travel and tourism</li> <li>• Education post-16</li> </ul>
Geography	<ul style="list-style-type: none"> <li>• The challenge of natural hazards</li> </ul>
Health and Social Care	<ul style="list-style-type: none"> <li>• Coursework and component 3 exam preparation</li> </ul>
History	<ul style="list-style-type: none"> <li>• Germany 1918-3</li> </ul>
Music	<ul style="list-style-type: none"> <li>• Music performance and theory</li> </ul>
PE (Core)	<ul style="list-style-type: none"> <li>• Students will be given a choice of sport to participate in for an entire half-term. The first group of choices includes football, bootcamp, volleyball and Couch25K</li> </ul>
PE (GCSE)	<ul style="list-style-type: none"> <li>• Students will be working through material required to sit Paper 1 of their GCSE. This includes – anatomy and physiology, training methods and principals.</li> </ul>
PE (BTEC)	<ul style="list-style-type: none"> <li>• Students will be completing the assignment for Unit 3.</li> <li>• Students will be completing the work required for Unit 2 - Practical Performance in Sport.</li> </ul>
Religion, Philosophy and Ethics (RPE)	<ul style="list-style-type: none"> <li>• Relationships &amp; families</li> <li>• Muslim beliefs and teachings</li> </ul>
Spanish	<ul style="list-style-type: none"> <li>• Travel and tourism</li> <li>• Education post-16</li> </ul>