

<b>Year 10 Autumn Term Curriculum Summary</b>	
English Literature (English Language in Y11)	<ul style="list-style-type: none"> <li>• DNA by Dennis Kelly OR An Inspector Calls by JB Priestley</li> </ul>
Maths - Foundation	<ul style="list-style-type: none"> <li>• Standard Form</li> <li>• Approximating</li> <li>• Plotting Quadratic and Cubic Graphs</li> <li>• Compound Units</li> <li>• Enlargement in 2 and 3 Dimensions</li> <li>• Percentage Change</li> <li>• Pie Charts</li> <li>• Scatter Diagrams</li> <li>• Angles in Polygons</li> <li>• Prisms</li> <li>• Plans and Elevations</li> <li>• Equations of Straight Lines</li> <li>• Quadratic Functions</li> </ul>
Maths – Higher	<ul style="list-style-type: none"> <li>• Review of Y9</li> <li>• Solving Quadratic Equations by Factorising</li> <li>• Rotations</li> <li>• Repeated Percentage Increase/Decrease</li> <li>• Geometric Progressions</li> <li>• Congruent Triangles</li> <li>• Proof Using Similar and Congruent Triangles</li> <li>• Enlargement with Negative Scale Factors</li> <li>• Using Lines of Best Fit</li> <li>• Enlargement in 2 and 3 Dimensions</li> <li>• Plans and Elevations</li> <li>• Equations of Straight Lines</li> <li>• Polynomial and Reciprocal Functions</li> <li>• Compound Units</li> </ul>
Science	<ul style="list-style-type: none"> <li>• Biology – B2.2 The Challenges of Size; B3.1 The Nervous System; B3.2 The Endocrine System</li> <li>• Chemistry – C2.2 Bonding; C2.3 Properties of Materials; C3.1 Introducing Chemical Reactions</li> <li>• Physics - P3.2 Simple Circuits; P2.2 Newton’s Laws; P2.3 Forces in Action</li> </ul>
Art	<ul style="list-style-type: none"> <li>• ‘Sheffield’ – a graphic design project based on artists inspired by Sheffield using traditional or digital media</li> </ul>
Business	<ul style="list-style-type: none"> <li>• The role of business enterprise</li> <li>• The dynamic nature of business</li> <li>• Business stakeholders</li> <li>• Business plans</li> <li>• The options for start-up and small businesses</li> </ul>
Citizenship	<ul style="list-style-type: none"> <li>• What is the law for and how does it affect us?</li> <li>• The role of law in everyday life in dealing with complex problems.</li> <li>• Principles and sources of law.</li> </ul>

	<ul style="list-style-type: none"> <li>• How does the justice system work?</li> <li>• Civil and criminal law.</li> <li>• The justice system in England and Wales.</li> <li>• Courts and tribunals.</li> <li>• Youth justice.</li> <li>• Is crime increasing in society?</li> <li>• Crime and society.</li> <li>• Sentences and punishment.</li> </ul>
Computer Science	<ul style="list-style-type: none"> <li>• Systems Architecture</li> <li>• Memory and Storage</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>• Script and drama skills</li> <li>• Exploration of a practitioner</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> </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> </ul>
French	<ul style="list-style-type: none"> <li>• Relationships with family and friends</li> <li>• Home, town, neighbourhood and region</li> </ul>
Geography	<ul style="list-style-type: none"> <li>• Urban issues and challenges</li> </ul>
Health and Social Care	<ul style="list-style-type: none"> <li>• Human Lifespan and Development.</li> </ul>
History	<ul style="list-style-type: none"> <li>• Medicine 1250-present day including WW1 Surgery</li> </ul>
Music	<ul style="list-style-type: none"> <li>• Music performance and theory</li> </ul>
Personal Development (PD)	<ul style="list-style-type: none"> <li>• Introduction to PD and key themes</li> <li>• Drugs and alcohol education.</li> <li>• Relationships and sex education.</li> <li>• Physical and mental health and first aid.</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.</li> <li>• 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 2 of their GCSE.</li> </ul>

	<ul style="list-style-type: none"> <li>• This includes work on skill classification, skill continuums, skill acquisition and information process.</li> </ul>
PE (BTEC)	<ul style="list-style-type: none"> <li>• Students will be completing work focussing on Unit 1.</li> <li>• This includes components of fitness, types of training, training intensities.</li> </ul>
Religion, Philosophy and Ethics (RPE)	<ul style="list-style-type: none"> <li>• Christian Beliefs and Teachings</li> <li>• Christian Practices</li> </ul>
Spanish	<ul style="list-style-type: none"> <li>• Relationships with family and friends</li> <li>• Home, town, neighbourhood and region</li> </ul>