

# Autumn Term / Curriculum Overview

## Year 11



	<b>English</b>	<b>Language</b> English Language Paper 1 preparation. Using Literature texts practise the skills required for English Language Paper 1 - Language analysis / Structure / Evaluation / Descriptive or Narrative writing	<b>Literature</b> - All pupils will study Macbeth by William Shakespeare
<b>Core</b>	<b>Mathematics</b>	<b>Foundation</b> - Circumference and area, Pythagoras, Trigonometry, Direct and Inverse proportion, Angles and Bearings, Gradients and lines, Quadratic equations and their graphs.	<b>Higher</b> - Further equations of graphs, Sketching graphs, Equation of a circle, Direct and Inverse proportion, Growth and decay, Circle theorems, Transformations
	<b>Science</b> Biology Chemistry Physics	<b>Pupils will cover the following topics in Science:</b> Inheritance, variation and evolution; Chemical analysis; Magnetism and Electromagnetism; Space.	
<b>World</b>	<b>History</b>	<b>World Period Depth Study:</b> Unit 1 (81451) - BC Conflict and tension between East and West, 1945 - 1972 <b>Part 1:</b> The origins of the Cold War, 1945 - 1949 <b>Part 2:</b> Development of the Cold War, 1950 - 1959 <b>Part 3:</b> Transformation of the Cold War, 1960 - 1972	
	<b>Geography</b>	<b>Unit 3:</b> Global issues revision for Paper 1 mock Preparation for Paper 1 mock using checklist to prioritise topics within: Hazards, Development dynamics. <b>Unit 4</b> – People and environment issues revision for Paper 3 mock People and the biosphere, Forests under threat, Consuming energy resources (Priority topics apply).	
	<b>Spanish</b>	Career choices and ambitions Technology	Poverty and Homelessness Revision and exam preparation
	<b>French</b>	Career choices and ambitions Technology	Poverty and Homelessness Revision and exam preparation
	<b>Religious Studies</b>	<b>Christianity - Matters of Life and Death:</b> Sanctity of Life / Origins of humans / Abortion / Euthanasia / Life after death / Natural World Revision and exam preparation	
<b>Technical</b>	<b>Product Design</b>	<b>Unit 7:</b> Making Principles Section C - Selection of materials, Tolerance, Using specialist tools, Material management, Surface finishes. Section D - Development of final ideas, Manufacturing specification, Parts list.	
	<b>Statistics</b>	<b>Unit 7:</b> Index numbers. RPI, CDI and GDP, Chain base index numbers, Rates of change. <b>Unit 8:</b> Probability distributions, Binomial distributions, Normal Distribution, Standardised scores, Quality assurance and control charts	
	<b>Food Technology</b>	<b>NEA Assessment 2:</b> Recipe trialling, final choices, planning, 3 hour practical and evaluation.	
	<b>Computer Science</b>	1 Local and global variables 2 Embedded systems 3 Trace tables and error types 4 Environmental issues	5 Network Transmission TCP/IP 6 Data compression 7 Data protection
<b>Performance</b>	<b>Art</b>	<b>Controlled Assessment - THEME = ARCHITECTURE</b> Mock exams. Continuation of controlled assessment until the end of January. <b>Introduction to the Summer exam theme.</b> February onwards, pupils work independently, with teacher support, to develop their responses to the exam board theme. Pupils develop their responses to the theme in an individual, personal and creative way, developing, refining and recording ideas towards the final outcome(s).	
	<b>Drama</b>	<b>Component 3:</b> External exam preparation.	
	<b>Physical Education</b>	<b>Health, fitness and well-being:</b> Physical, mental and social benefits / Diet and Nutrition <b>Analysis and evaluation of physical activity:</b> completed by end of term AEP Exam preparation	
	<b>Music</b>	<b>Final solo and ensemble performances:</b> 30% of final outcome. <b>Composition:</b> 15% of final outcome.	