

Summer term - Curriculum Overview

Year 9

CORE	English	Pupils will begin to study the GCSE course, beginning with a unit on An inspector calls . This unit will include the following key concepts: <i>significance of character, context and historical significance as well as exploring writer's methods and intentions and the key themes.</i>	In the second half of the spring term, pupils will study Opinion writing . This unit will include <i>model texts, rhetorical devices and effective structures</i>
	Mathematics	Pupils will continue to study the GCSE course. This will include the following topics: <i>Angles in polygons</i> <i>Angles in parallel lines</i> <i>Linear equations</i> <i>Simultaneous equations</i> <i>Congruence and similarity.</i>	The second half term will include the following topics: <i>Powers, factors, multiples & primes</i> <i>Equations of linear graphs</i> <i>Parallel & perpendicular lines</i> <i>Conversion graphs</i> <i>Speed, distance and time</i>
	Science	<i>In Year 9 pupils work through the different areas of Science - biology, physics, and chemistry - on rotation to help us share specialist equipment. However they follow the same sequence for each aspect of Science and their second units in each area of science this year will focus on the following:</i>	
	Biology	Genetics and Biodiversity. This unit will focus on: <i>Inherited Characteristics, Genes and DNA, Variation, Classification, Natural selection, Biodiversity and extinction</i>	
Chemistry	Types of Chemical reactions. This will introduce key knowledge areas that include: <i>Combustion, Thermal decomposition, Oxidation of metals, Displacement reactions, Conservation of mass, Changing state, Exothermic and Endothermic reactions, Catalysts.</i>		
Physics	Earth Space and Forces. In this module, the following key topics will be explored: <i>Pressure, Moments, Simple machines, Gravity and Weight, Solar system, Seasons and orbits, Speed of light and Asteroids</i>		
WORLD	History	The Year 9 summer term addresses the following key questions in History: <i>What were the key turning points of WWII?</i> <i>Was the Holocaust inevitable?</i> <i>The land of the free: to what extent has life really improved for Black Americans?</i> <i>What can the Bristol bus boycott tell us about the lives of Black people in the UK?</i>	
	Geography	Pupils begin the summer term with a unit entitled: Changing climates . They will explore <i>patterns of climate change, evidence of climate change, natural causes of climate change, human causes of climate change, greenhouse effect, global impacts of climate change.</i>	
	Spanish	Holidays is our topic for the summer term. Pupils will learn vocabulary and explore language needed to speak, write, listen, and read about: <i>Transport</i> <i>Countries</i> <i>Holiday</i> <i>Accommodation and facilities</i> <i>Holiday plans</i>	Grammatical and linguistic focus. In exploring this topic, pupils will learn the following key knowledge: <i>Perfect tense regulars</i> <i>Perfect tense of 'soler'</i> <i>Preterite tense regulars</i> <i>Preterite tense irregulars - ser, tener, ir, hacer</i> <i>Near future tense</i> <i>Conditional tense</i>
	French	Sport and Health is our topic for the summer term. Pupils will learn vocabulary and explore language needed to speak, write, listen, and read about: <i>Sport</i> <i>Health advice</i> <i>Body parts</i> <i>Illnesses</i> <i>Injuries</i> <i>Transactional language - doctor's</i>	Grammatical and linguistic focus. In exploring this topic, pupils will learn the following key knowledge: <i>Imperatives (tu and vous)</i> <i>Il faut</i> <i>Avoir phrases (illness)</i> <i>Depuis</i> <i>Forming and answering questions in 3 tenses</i>
TECHNICAL	Religious Studies	In the summer term pupils will study the following topics: <i>Living a secular life, (Young leaders award), Philosophy, Social sciences and Theology</i>	
	Design Technology	Design Technology enrichment - robotics	<i>This topic will run through the academic year as pupils experience their enrichment lessons as part of our subject rotations on Tuesday mornings.</i>
	Computer Science	Computer Science enrichment - de-coding HTML and building websites.	<i>This topic will run through the academic year as pupils experience their enrichment lessons as part of our subject rotations on Tuesday mornings.</i>
	Art	Art enrichment - Japanese Art and Design.	<i>This topic will run through the academic year as pupils experience their enrichment lessons as part of our subject rotations on Tuesday mornings.</i>

PERFORMAN

Physical Education	Core PE sports on rotation include: <i>netball, badminton, football, table tennis, fitness, rugby, dodgeball, golf, athletics, rounders, softball and cricket.</i>	
Music	Music Enrichment - 'Musical Futures': performing in a band.	<i>This topic will run through the academic year as pupils experience their enrichment lessons as part of our subject rotations on Tuesday mornings.</i>

In Year 9 pupils will also begin the study of their two subject choices from the performance and technical disciplines. This provides a transition to the demands of Upper School study as well as providing a broad and balanced curriculum as they move into Year 10 and 11.

TECHNICAL

Product Design	<p>Inclusive design: the cube calendar. The knowledge and key skills pupils will focus on throughout the design process include: <i>investigating inclusive design, analysing a design company, redesigning a kitchen product, ergonomics and anthropometrics, Use of modelling, redeveloping prototypes to allow greater inclusivity.</i></p> <p><i>Also, students will be given the opportunity to complete a design task considering, 'Inclusive Design' and 'User Centred Design'. This will analyse a range of real-world problems, considering a range of clients. Students will get the opportunity to develop a product designed for inclusivity</i></p>	
Business Studies GCSE	Pupils will complete the unit, Business Operations . Key knowledge to include: <i>production processes, the role of procurement, the concept of quality, and customer service.</i> Pupils will also study mathematical content including: <i>costs, revenue and profit.</i>	
Business Studies - Applied	<p>Situational analysis project:</p> <ul style="list-style-type: none"> <i>Political influences on businesses</i> <i>Economic influences on businesses</i> <i>Social influences on businesses</i> <i>Technical influences on businesses</i> <i>SWOT analysis</i> <i>Business comparison</i> 	
Food Technology	<p>Food Safety - Key knowledge and skills this term relate to:</p> <ul style="list-style-type: none"> <i>Food spoilage and contamination</i> <i>Micro-organisms and enzymes</i> <i>Bacterial contamination</i> <i>Principles of food safety</i> <i>Food storage</i> <i>Preparing , cooking and serving food</i> 	
Computer Science	Data. Key content to include: <i>Use of data types, analog, using Binary data, using Hexidecimal data, compression.</i>	
ICT	<p>Data and testing</p> <ul style="list-style-type: none"> <i>Application of testing in context</i> <i>Tsting a spreadsheet solution</i> <i>Testing the user interface</i> <i>Testing technical aspects of a spreadsheet solution</i> <i>Evaluation of a spreadsheet solution</i> 	

PERFORMANCE

<p>Art</p>	<p>The summer term sees the end of the Landscape mini project and the start of the Packaging project (Whitehead and Graham) This includes researching artists, analysing work, completing work in the style of artists with the planning and creation of the final piece to follow.</p> <p>At the end of the summer term pupils begin an introduction to their personal choice project. This selection is made for a project that will be sustained into year 10 and will take 20 weeks.</p>
<p>Drama</p>	<p>Our first half term focuses on Devised theatre. This unit will look at <i>styles, stimuli, epic techniques and verbatim</i></p> <p>The second half term will focus on a mock coursework module, including scripted rehearsals and assessed group performances</p>
<p>Media Studies</p>	<p>Pupils continue this term looking at different media forms. The focus this term will be on <i>print advertising, television advertising and an introduction to radio</i></p>
<p>Physical Education</p>	<p>This term pupils will study toward key exam topic areas such as: <i>Optimising training, skills and skill classification, injury prevention and diet and nutrition</i></p> <p><i>Core PE continues with a rotaion of sports including: Netball, badminton, football, softball, first aid, rugby, dodgeball, golf, unihoc, non traditional games and team building.</i></p>
<p>Sports Studies - Applied</p>	<p>This term focuses on the following topic areas of the Applied qualification: <i>Topic Area 4: Evaluating your own performance and understanding the value of participation in outdoor and adventurous activities.</i> <i>Evaluation of your own participation</i> <i>Mental health benefits</i> <i>Physical health benefits</i> <i>Social benefits of participation</i></p>
<p>Music</p>	<p>The summer term will look at the following key topic areas: Set work 'Pathetique Sonata' Composing Ensemble performances Vocal music Set work 'Killer Queen'</p>