

PHS Curriculum Map for Year 9

Subject	Autumn Term	Spring Term	Summer Term
<p>English</p>	<p>Writing to comment and review – pupils will produce a book review or a film review. Pupils will study different genres and consider audience</p> <p>Literary texts: play - Macbeth. Pupils will study the full play and watch a film adaptation</p> <p>Spelling, punctuation and grammar – to improve writing skills using CGP Literacy strategy workbooks</p> <p>Reading age and spelling age assessment</p> <p>Continuous teacher assessment</p>	<p>Literary texts: prose – The Boy in the Striped Pyjamas. Pupils will read the novel and complete discussion tasks on the topic, incorporating speaking and listening skills</p> <p>Cntd Literary texts: prose- studying key scenes to produce a written PEE response to their reading</p> <p>Pupils will perform written assessment under GCSE Controlled Assessment conditions</p>	<p>Literary texts: poetry – pupils will study a cluster of poems provided by AQA and learn about terms, techniques and styles. Poems will feature different cultures</p> <p>Cntd Literary texts: poetry – pupils will produce a written response to the cluster of poems studied. Task will be set by class teacher</p> <p>Pupils will perform written assessment under GCSE Controlled Assessment conditions</p> <p>End of year reading age and spelling age assessment</p>

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<p>Maths</p>	<p>Initial assessment to determine current N/C Levels.</p> <p>Key topics to be taught:</p> <p>Calculations – With decimals and powers.</p> <p>Manipulating and solving equations</p> <p>Data Handling- Pictograms, bar charts, tally, tables and grouping and pie charts.</p> <p>Assessments: Assessments at the end of each module and also at end of term.</p> <p>Level 4b – 6b National Curriculum content.</p>	<p>Key topics to be taught:</p> <p>Fractions, decimals and percentages- working with decimals, getting things in order, estimating, equivalent fractions, using a calculator, percentages and percentages of an amount.</p> <p>Angles, constructions, plans and elevations- names for angles, drawing angles, making shapes and scale.</p> <p>Algebra and real life graphs- factors, breaking it down and square and triangle number.</p> <p>Assessments: Assessments at the end of each module and also at end of term.</p> <p>Level 4a – 6b National Curriculum content.</p>	<p>Key topics to be taught:</p> <p>Ratio, proportion and conversions- increasing ratio, measurement and basic conversions.</p> <p>Formulae, perimeter and area- basic formulae, perimeter and area of complex shapes.</p> <p>Probability- Whats the chances?</p> <p>Transformations and geometry problems- Problem solving, enlargement and reductions and basic geometry.</p> <p>Assessments: Assessments at the end of each module and also at end of term.</p> <p>Additional end of year test to determine N/C level and content for progress into K/S 4 in next academic year.</p> <p>Level 4a – 6b National Curriculum content.</p>

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Science	<p>Health and safety- Learning and identifying hazards. Explain and follow safety rules</p> <p>Acids and Alkalis- Identifying acids and alkalis using indicators. Learning about pH scale and neutralisation reactions. Name acids and alkalis,use pH scale</p>	<p>Light, Earth and Space- Identifying light as an EM Wave. Learning about how shadows are formed and about the reflection of light. Learning about the 8 planets.</p> <p>Food, Digestion and Staying Alive- Food Testing. Enzyme reactions. Body systems and how to look after them. Difference between biological and non biological substances.</p> <p>Digestive, respiratory and circulatory systems. Make models of how the digestive system processes food.</p>	<p>Elements and Chemical Reactions- Chemical Reactions. Physical and Chemical Changes. Solubility. Separation Techniques.</p> <p>Explain and demonstrate the difference between elements, compounds and mixtures. Demonstrate the difference between Soluble and insoluble substances. Investigate the differences between chemical and physical changes.</p> <p>Plants- Photosynthesis. Germination. Conditions for growing plants</p>
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ICT	Python Programming with Raspberry PI	Animation / Movies	Scratch advance
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Technology	<p>Coat Hook To manufacture a coat Hook out of Mild Steel by following a working drawing, measuring marking out, cutting and shaping using saws, milling machines and brazing hearths and joining using rivets and brazing techniques. This will be mounted onto a wooden plinth shaped by hand or using the CAD CAM router. Drawing Tool</p>	To design and manufacture an acrylic drawing tool that can function as a ruler, stencil, aide memoir and an attractive key ring for use in school. This is to be created using CAD software and manufactured on the laser cutter.	<p>Storage Box for small precious objects. To design and manufacture a personalised bespoke box for storing precious items. Students are encouraged to design a unique box and can experiment with different materials, manufacturing techniques and methods for attaching a lid.</p>

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Geography	<p>Economic Activity</p> <p>Classification of Industry</p> <p>Location of Industry.</p> <p>Changing Industry.</p> <p>Classifying Farming.</p> <p>Distribution of farming types.</p> <p>Tourism.</p> <p>Tourism in LEDCs.</p>	<p>Development</p> <p>Contrasts in Development</p> <p>Measuring Development</p> <p>Obstacles to development</p> <p>World Trade</p> <p>AID</p> <p>Development Projects</p>	<p>The Environment</p> <p>The use and abuse of resources</p> <p>Energy and power</p> <p>Acid Power</p> <p>Global warming</p> <p>Pollution</p> <p>Water Demand and Supply</p> <p>Farming and soil erosion</p> <p>National Parks</p>
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History	<p>USA in the 1920's, gangsters, prohibition, boom and bust.</p> <p>Assessment: Sources who benefitted from the Roaring 20s?</p> <p>Rise of the Nazis</p> <p>Nazi Germany???</p> <p>Assessment: Entry level unit</p>	<p>The Second World War</p> <p>Visit Edan Camp</p> <p>The Final Solution</p> <p>Holocaust generalisations.</p>	<p>Civil Right in the USA</p> <p>Assessment: Entry level unit.</p> <p>JFK and the 1960's?</p> <p>Post JFK USA</p> <p>Cold War and Cuban Missile Crisis</p> <p>Assessment: Entry level unit</p>

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<p>Art</p>	<p>POSTER DESIGN This unit introduces students to the idea of working to a set theme and encourages a personal response to the project The themes are chosen to encourage students to consider topical issues Presentation skills are developed, as are analysis and evaluation skills.</p>	<p>SUREALISM Pupils will be studying Surrealism. They will look at paintings and collage created by The Surrealists. Key Artists will be Dali, Magritte, De Chirico and melody. Create an album sleeve for a chosen fictional band, by collaging found images from magazines. This unit will build on pupil skills in observational drawing. It will allow pupils to experience drawing from the imagination through making pictures inspired by music, drawing form the conscious and subconscious.</p>	<p>SUREALISM pupils will be studying Surrealism. They will look at paintings and collage created by The Surrealists. Key Artists will be Dali, Magritte, De Chirico.. Works will be looked at and discussed in terms of what makes them surreal. Pupils will also look at music in terms of how lyrics can be surreal and images can be inspired from lyrics, beat and melody. They will take part in various activities which will lead up to creating an album sleeve for a chosen fictional band. This will be made by collaging found images from magazines. Pupils will be able to add a chosen background, add their logo, change colour and add filters. This unit will build on their skill in observational drawing by getting them to draw objects accurately but juxtapose them to create new objects. It will allow them to experience drawing from the imagination through making pictures inspired by music, drawing form the conscious and subconscious.</p>

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PHSE	<p>Sex and Relationships - contraception and STIs</p> <p>Sex and Relationships – pregnancy, abortion and adoption</p> <p>End of term topics assessment</p>	<p>Citizenship – environment, going green and recycling. Pupils will devise a new scheme for recycling or improving a greener approach to the school environment</p> <p>Citizenship cntd – pupils will present their idea to a school assembly and put it in to action</p> <p>End of term topics assessment</p>	<p>Enterprise – pupils will work in groups to devise a money making scheme. Pupils will work in small teams with set roles to carry out set tasks, planning, budgeting and making a profit</p> <p>Enterprise cntd – pupils will put their planned scheme in to action to tie in with the school’s Enterprise Week</p>
Subject	Autumn Term	Spring Term	Summer Term
RE	<p>Ethics</p> <p>Christianity: ethics</p> <p>Judaism: ethics</p> <p>Islam: ethics</p> <p>Roman Catholicism: Ethics</p>	<p>Philosophy</p> <p>Religion and morality.</p> <p>Philosophy of religion.</p> <p>Religion and life issues.</p>	<p>Religion or philosophy</p> <p>Buddhism</p>

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PE	<p>Skiing – Improve Balance Coordination, Learning New Skill</p> <p>Basketball – Teamwork Defensive and attacking strategies – Full court</p> <p>Football – Positional play, teamwork, team tactics</p> <p>Swimming - coordination, stamina, Improving technique</p>	<p>Climbing – overcome personal challenges, confidence, problem solving.</p> <p>Badminton – Hand eye coordination, positional play</p> <p>Multi sports events – basketball, Assault course – Team tactics</p> <p>Swimming - coordination, stamina, Improving technique</p>	<p>Mountain biking – cardio vascular Outdoor pursuits</p> <p>Athletics – Teamwork , personal target setting , cardio vascular, track and field events</p> <p>Adventurous activities- High Ropes, Tubing, assault course- Teamwork, overcoming personal challenges, target setting.</p> <p>Swimming - coordination, stamina, Improving technique</p>