



Poltair School Curriculum Overview for Year 11

2023-2024

Year 11	Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2
English	<p>GCSE English Literature Paper 1: William Shakespeare's "Macbeth" Exploring the tragic demise of the protagonist, tracking his characterisation from valiant warrior to bloodthirsty tyrant.</p> <p>GCSE English Language Paper 1 – <i>Explorations in Creative Reading and Writing</i></p>	<p>GCSE English Literature Paper 2: Unseen Poetry How do I approach the unseen poetry section?</p> <p>English Experts: Revision Ready GCSE English Language papers 1 & 2 – section A</p>		<p>English Experts: Revision Ready GCSE English Literature papers 1 & 2</p> <p>Revision Ready GCSE English Language papers 1 & 2 – section B</p>	<p>Revision and completion of Exams.</p>	
Mathematics	<p>Foundation Primes, Factors & Multiples Fractions, Decimals & Percentages Probability & Frequency Trees</p> <p>Higher Non-Right Angled Trigonometry Trigonometric Graphs Histograms</p>	<p>Foundation Algebraic Manipulation Compound Measures Nets, Plans, Elevations</p> <p>Higher Algebraic Manipulation Iteration Vectors</p>	<p>Mind The Gap Papers Examination Ready Bespoke Lessons to Meet the Needs of Each Learner</p>		<p>Revision and completion of Exams.</p>	
Combined Science	<p>Homeostasis: How do we maintain a constant internal environment and why is this important?</p> <p>Forces: How can we design objects to travel faster, be safer and stop more quickly?</p>	<p>Magnets: What are the causes and effects of magnetism?</p> <p>Forces: How can we design objects to travel faster, be safer and stop more quickly?</p>	<p>Rates of reaction: What factors affect the rate of reaction?</p> <p>Inheritance, Variation, and evolution: How are organisms unique?</p>	<p>Chemical Analysis: What is the chemical composition of matter?</p> <p>Inheritance, Variation and Evolution: How are organisms unique?</p>	<p>Waves: How are waves used for communications and medical treatment?</p> <p>GCSE Revision ready and exams</p>	<p>GCSE Revision Ready and Exams</p>
Biology	<p>Homeostasis: How do we maintain an internal environment and why is this important?</p>	<p>Inheritance, Variation, and Evolution: How are organisms unique? Why is variation important? How do organisms adapt and respond to environmental pressures, including the impact of global warming? What are the impacts of natural selection, genetic modification, and gene therapy?</p>			<p>Examination Preparation: Cell Biology, organisation, infection & response, Bio-energetics</p>	<p>GCSE Revision Ready and Exams</p>

Chemistry	Quantitative Chemistry: How do we calculate the amount of chemical in a sample?	Rates of reaction: What factors affect the rate of a chemical reaction?	Using resources: How do we use Earth's resources?	Chemical analysis: What is the chemical composition of matter?	Examination Preparation: Atomic Structure, Bonding, Chemical Changes, Energy Changes, Quantitative Chemistry	GCSE Revision Ready and Exams
Physics	Forces: How can we design objects to travel faster, be safer and stop more quickly?		Magnets: What are the causes and effects of magnetism?	Waves: Why are waves so useful? How are waves used for communications and medical treatment?	Space: What is the evidence for our solar system? Examination Preparation: Electricity, Energy, Atomic structure, Particle Model	GCSE Revision Ready and Exams
Geography	Fieldwork Physical Landscapes - Coastal Erosion: Contributing factors, hard and soft engineering, and coastal management	Urban Issues & Challenges – Nigeria: Development patterns, challenges & opportunities. Aid and tourism.	Changing Economic World: The impact of industry in the UK; rural change; transport infrastructures.	Physical Landscapes: UK river formations; flooding; the causes, effects & prevention. Resource Management: Food, water & energy in the UK	Pre-release work Food supply & production: Small and large-scale food production and agriculture.	GCSE Revision Ready and Exams
History	Medicine in Britain 20 th Century Medicine British Medicine on the Western Front	Weimar and Nazi Germany The impact of the First World War on Germany.	Weimar and Nazi Germany Hitler's rise to power and the solidification of Nazi dictatorship.	Weimar and Nazi Germany Life in Nazi Germany.	GCSE Revision Ready and Exams	GCSE Revision Ready and Exams
MFL	The World of Work Talking about work experience, types of jobs and our aspirations for the future.	Cross Topic Revision and Exam Skills Preparation for speaking exam.	Revision of Identity of Culture & Global Dimensions Exam skills	Revision of Identity of Culture; Local Area, Holiday & Travel; School Exam skills	Revision of Future Plans; Study & Work; Global Dimensions Exam skills	GCSE Revision Ready and Exams
Computer Science	Computational thinking, algorithms and programming File management, Searching and sorting data; development tools in Algorithmic thinking; the use of the IDE, Impact of technology; computational thinking; identifying and resolving errors in code; creating Flowcharts and writing Pseudocode; working with external files of data.		Topic Review and Revisit Understanding the parts of a CPU and their roles, understanding Programming Syntax; understanding the applications and tools used in software development; CPU architecture, Network topologies and issues; planning and using testing; how the FDE cycle uses the CPU hardware; the difference between Memory and storage; how to plan, develop and test code; the representation of Images and Sound. Metadata.		Revision and Review Prepare for exams by reviewing key computer systems topics and develop higher-level skills in reading, debugging, understanding and writing code. Developing reasoned arguments around computing in society.	
RE and Personal Development	Islam & Family: The practises and beliefs of Muslims around family life, including changing	Peace and Conflict in Christianity: The key teachings of Christianity on the issues	My Body, My Choice? The importance of self-checking, key issues & options around fertility, pregnancy & the menopause. This taught in an	Mental Health and Me: The importance of self-care, health, and stress	Exam Support Guidance and support on self-care, health and wellbeing and stress management through the examination period.	

	attitudes and opinions around sex, relationships, marriage, children, and euthanasia.	of war and peace, including the just war theory, different opinions on war within Christianity and Christian promotion of peace.	age appropriate, sensitive, non-judgemental way.	management. Linking into support and a healthy approach to exam preparation.	
Music	Component 2 – Music Skills Development Students develop two musical disciplines through engagement in practical tasks, while documenting their progress and planning for further improvement. This is done through workshopping and skills development.		Component 3 – Responding to a Music Brief Students will develop and present music in response to a given music brief released by the exam board. Students will be expected to utilise all the skills that they have developed over the two other components. Students will explore the brief and investigate possible responses and ideas to meet the demands of the brief. Using relevant resources, skills, and techniques they will develop and refine musical material before presenting their final response.		
Art	Creative Journeys – Externally Set Task Students will select a question and develop ideas independently through investigations, analysis, experimentation, questioning, comparing, linking and reflection going on to create an independent outcome using a range of materials, techniques, and skills to realise intentions.			Exam Preparation & Completion Suitable selection of question to research, develop, experiment, and create an informed and independent outcome. Utilising previous skills, materials, and techniques.	
Creative Media	Component 2 – Developing Digital Media Production Skills Students will develop and apply skills and techniques in media production processes by creating a media product from one of the following sectors: audio/moving image, print or interactive design.		Component 3 – Create a Media Product in Response to a Brief Students apply and develop their planning and production skills and techniques to create a media product in response to a client brief. Students will interpret the client's needs and engage in the process of ideas generation, selecting and refining their ideas until they are satisfied that they have an idea that meets the requirements of the brief.		
Design & Technology	Non-exam assessment (NEA) (50% of GCSE Grade) Students demonstrate their practical application of: Core technical principles, Specialist technical principles and Designing and making principles whilst producing a prototype for solving a contextual challenge. The contextual challenge that they have been asked to design and produce a solution for is securing or storing personal possessions.		Completing Non-exam assessment (NEA) (50% of GCSE Grade) Exam Preparation Revision of Core and Specialist technical principles.		Exam Preparation Revision of Designing and making principles.
Engineering	Unit 1 Manufacturing Engineering Products Students learn how to interpret and understand engineering drawings and plan a sequence of operations using engineering tools and equipment. This is to produce a prototype product.		Unit 2 Designing Engineering Products Students learn to understand the function of engineered products and how they meet the requirements of users. Students also propose their own design solutions and communicate these appropriately to solve applied engineering problems.		Unit 3 Solving Engineering Problems Students learn to understand the effects of engineering achievements and the properties of engineering materials. They also study methods of preparation, forming, joining and finishing of engineering materials along with how to use maths and logic skills in solving engineering problems Exam Preparation

Hospitality and Catering	<p>Hospitality And Catering in Action Students will recap on all unit two knowledge and practice key complex skills to prepare them for their coursework. This will then be completed during this cycle. 60% of final grade.</p> <p>Unit 2 (coursework element 60%) Understand the importance of nutrition when planning menus as well as what needs to take place when planning a menu. Students prepare coursework based on researching, planning, preparing, cooking, and serving dishes. Students practise cooking and presentation techniques.</p>	<p>Hospitality And Catering Provision Hospitality and Catering Industry – Students investigate different sectors, food service and accommodation types, as well as standards and ratings.</p> <p>Working in the Hospitality and Catering Industry Students investigate the roles and responsibilities of the staff in front and back of house, as well as the kitchen brigade, including personal attributes that are desired for roles. Contracts, allowances, and benefits related to the industry.</p> <p>Contributing factors to the success of the hospitality and catering provision Students learn about sustainability, economic factors, and seasonality regarding the hospitality and catering industry.</p>	<p>Hospitality And Catering and The Consumer Students will use previous knowledge on food choice, specific groups, and vulnerable groups to inform their new learning and knowledge on customer requirements, expectations, and customer demographics. as well as knowledge of costings/overheads and technology.</p> <p>Exam Preparation</p>
Performing Arts (Acting)	<p>Component 2 – Developing Skills and Techniques in the Performing Arts Students will develop their performing arts skills and techniques through the reproduction of a scene as an actor.</p>	<p>Component 3 – Responding to a Brief Students will be given the opportunity to work as part of a group to contribute to a workshop performance as either a performer or a designer in response to a brief and stimulus. Students will consider their target audience and to start the creative process by using the stimulus included in the brief.</p>	
Sport	<p>Component 2 – Taking Part and Improving Other Participants Sporting Performance Investigating the components of fitness & their effect on performance, taking part in practical sport, exploring the role of officials in sport & applying methods & sporting drills to improve other participants' sporting performance.</p>	<p>Component 3 – Developing Fitness to Improve Other Participants Performance in Sport and Physical Activity The importance of fitness & the different types of fitness for performance in sport & physical activity. Understanding the body & fitness testing.</p>	
Health and Social Care	<p>Component 2 - Health and Social Care Services and Values. Exploring health and social care services & how they meet the needs of service users. Investigating the skills, attributes & values required when giving care.</p>	<p>Component 3 - Health and Wellbeing Exploring the factors that affect health and wellbeing, considering physiological and lifestyle indicators, and person-centred approaches to make recommendations to improve an individual's health and wellbeing.</p>	
Core PE	<p>Lifelong participation in sport and physical activity</p> <p>Students will build confidence in developing personal fitness and sports specific skills that help to promote lifelong active lifestyles. Students will tackle increasing complex and demanding sports specific skills, applying tactics in competitive situations and participate in different roles and responsibilities through a range of sports and activities: Athletics, Basketball, Cricket, Football, Health & Fitness, Netball, Outdoor Adventurous Activities, Rounders, Rugby, Softball, Table Tennis Depending on pathway, students will follow a selection of the sports listed above.</p>		

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