



Year 11 Curriculum Overview

Core Subjects	Autumn Term				
Biology	Homeostasis & Response: The structure of the nervous system and how we respond to stimuli. The organs involved in the endocrine system and its role in the balance of the body's internal environment.				
Chemistry	Chemical Analysis: During this will learn how chemists analyse substances. This will include chromatography and common gas tests.		Using Resources: Finite and renewable resources. Water treatment, carrying out life cycle assessments and how we can reduce, reuse and recycle.		
English Language	Paper 2 Section A (non-fiction reading) revision.		Paper 1 Section B (creative writing) revision.		
English Literature	Revision of Shakespeare's 'Macbeth'		Revision of Stevenson's 'Dr Jekyll and Mr Hyde'		
Maths – Foundation	More complex number	Similarity and congruence	Vectors		Prep for Year 11 mock exams
Maths – Higher	Further graph work	Algebraic fractions and further manipulation	Sine and cosine rule	Similarity and congruence	Prep for Year 11 mock exams
Core PE	Football/ Netball/ Exercise to Music	Rugby/ Handball/ Yoga	Basketball/ Dance/ Mindful walking	Handball/ Basketball/ Box Fit	
Physics	Magnets and Electromagnets: Magnetic fields and interactions, Earth's magnetic field, electromagnets, the motor effect, Flemings Left Hand Rule.				

Option Subjects	Autumn Term	
Art & Design	Component 1 -Portfolio Students will continue developing their ideas, producing self-directed/ explorative photoshoots enabling them to derive their own personalised responses to the given theme [AO4]. This will lead towards and inform their end of project art exam piece.	Component 1 -Portfolio Students will continue to develop their own ideas, producing self-directed/ explorative photoshoots enabling them to derive their own personalised responses to their chosen theme. This will lead towards and inform their end of year Art final exam piece.
Computing	Practical Programming with Python Students are given the opportunity to undertake programming task in order to solve a problem (or problems)	2.5 Programming languages and Integrated Development Environments The unit concludes by looking at programming language classifications including translators and low-level languages, including the use of the common tools and functions of an IDE
Creative iMedia	R085 – Coursework module, Creating a multipage website. LO1 – Understand the properties and features of multipage websites What is a website? Why are they used? Purposes of websites Features of websites Devices used to access websites Internet connection methods LO2 – Plan website creation Interpret client requirements Identify target audience Create work plan Create site map Create Visualisation diagram Identify assets	R085 – Coursework module, Creating a multipage website. LO4 Review Review website against client requirements Make suggestions for further improvements. R081 – Theory Recap and revise theory topics in preparation to resit the exam in January 2023.



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	<p>LO3 – Create website Folder structure Setting up website Master pages Tools and techniques Links within website Sourcing and importing assets Inserting assets; text, images, tables, lists, forms, maps, media assets, rollover images</p>	
Drama	<p>GCSE exam Component 2 Devising Students will work in groups to devise a performance from a given stimulus they will present this for their exam.</p>	<p>GCSE exam Component 2 Devising Log Students will complete section 2 of the devising log which is about the process of working with a group to create a final performance. Students will perform for examination. Students will complete section 3 of the devising log which is an evaluation of their process and contribution to the final performance.</p>
Food	<p>Introduction to Non - Examination Assessment 1 (NEA1) which contributes to 15% of the student's overall outcome.</p>	<p>Completion of NEA 1. Brief will be submitted directly by Eduquas Examination Board Students will research, investigate and conclude a food investigation which focuses on the chemical, functional and working characteristics of food ingredients.</p>
Geography	<p>The Challenge of Natural Hazards Weather Hazards, Typhoon Haiyan, weather hazards in the UK and Climate Change.</p>	<p>The Living World Ecosystems, Tropical Rainforests, The Amazon Rainforest. Cold environments, Svalbard.</p>
History	<p><u>EDEXCEL GCSE History</u> <u>Period Study: Spain and the New World, c,1490- c,1555</u> <u>KT 1: Spain Reaches the New World, c.1490-1512:</u> Spanish Exploration. Colombus Reaches America. Spanish Claims to the Caribbean.</p> <p><u>KT 2: The Conquistadors, 1513-c.1528:</u> The start of an Empire. The Conquest of Mexico</p>	<p><u>EDEXCEL GCSE History</u> <u>Period Study: Spain and the New World, c,1490- c,1555</u> <u>KT 2: The Conquistadors, 1513-c.1528:</u> Impact of Spain in the New World.</p> <p><u>KT3: The Spanish Empire, c.1528- c.1555:</u> Pizarro and the Conquest of the Incas. Expansion of Empire Impact of the 'New World' on Spain</p> <p>Practise examination</p>
GCSE PE	Applied Anatomy	Engagement Patterns/ Commercialisation
RE	Component 1 Philosophy and Ethics: Life and Death	Continuation of Component 1 Philosophy and Ethics: Life and Death



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	This will be our second module of Philosophy and Ethics. Again, within this module students will be required to discuss Muslim and Christian views on topics such as Euthanasia, creation, abortion and funerals. Students will also be able to investigate non-religious views such as Humanism and Atheism towards these topics.	Component 1 Philosophy and Ethics: Good and Evil This will be our third topic within Philosophy and Ethics. Within this module, we will look at the good and evil in the world. This includes the study of crime, punishment, forgiveness, suffering, justice and the death penalty. Students will be required to discuss Muslim and Christian views on all of these topics.
Spanish	"De costumbre" - looking at mealtimes, special occasions and festivals in Spanish, making comparisons.	"¡A currar!" - describing jobs and future plans.
Music	Performing, Composing and Appraising Completion of one composition and one solo practical performance. They will revisit the set works and Areas of Study, developing the necessary exam techniques for answering questions in the Appraisal examination.	
Design Technology	Theory Manufacturing processes applied to NEA. Review prior theory and apply to NEA Revision / year 11 mock	Design & Make activity NEA (Review develop sections 1+2, complete Initial designs, development of designs and modelling) sections 3+4.

Core Subjects	Spring Term			
Biology	Variation & Evolution: Species diversity, theories of evolution and the evidence for evolution by natural selection.			
Chemistry	Quantitative Chemistry: Relative formula mass, the mole and balancing equations.		Organic Chemistry: Students following the Triple Science course will recap this module and learn about alcohols, esters and carboxylic acids.	
English Language	Paper 1 Section A (fiction reading) revision		Paper 2 Section B (non-fiction writing) revision	
English Literature	Revision of Poetry Anthology		Revision of JB Priestley's An Inspector Calls	
Maths – Foundation	Review of Year 11 Mock exam papers	Further algebra	Revision	Revision
Maths – Higher	Review of Year 11 Mock exam papers	Circle theorems	Vectors	Revision
Core PE	Futsal/ Volleyball/ Orienteering	Flag football/ Fitness/Table Tennis	Fitness/Invasion games/Dodgeball	Athletics/ Danish longball/Ultimate Frisbee
Physics	Waves: Types of waves with a focus on light and sound. Triple Science only: Space			

Option Subjects	Spring Term
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Art & Design	Exam Portfolio completion	Exam Portfolio completion
Computing	<p>1.6 Ethical, legal, cultural and environmental impacts of digital technology This unit begins by describing key examples of ethical, cultural and environmental considerations in relation to selected Computer Science technologies. The unit continues to focus on licencing and specific legislation related to Computer Science</p> <p>Revision Students will be revisiting previous topics in preparation for exams.</p>	<p>Revision Students will be revisiting previous topics in preparation for exams.</p>
Creative iMedia	<p>R091 – Controlled assessment</p> <p>Students will embark on the final controlled assessment unit, designing a game concept.</p> <p>LO1 In LO1 students will be required to do some research into different game genres, different hardware that games can be played on and how computer games and hardware have changed over the years. This research will need to be the students own work and should not be copied from another website. Students will need to write the report in your own words as the person marking it will check and will find out if all or some of it is copied.</p> <p>LO2 In LO2 students will be given a client brief that you will be asked to analyse. This should be printed out and the key parts of the task students are being asked to do should be highlighted as well as any information related to the specification. As part of this section students will need to generate some ideas based upon the client brief and should produce a mind map and a mood board to show your ideas. Students will also need to create a work plan which will show how you intend to develop your original game concept proposal.</p>	<p>R091 Controlled assessment.</p> <p>LO3 LO3 is where students will actually create your original game concept proposal. Students should include a number of things within this – not just text. Images or sketches could be used as well as mock ups of backgrounds for example. It is worth noting that this is simply a concept proposal – students are not expected to provide a fully finished game as part of this module. When finished the proposal should be exported into the specification that is asked for on the client brief.</p> <p>LO4 LO4 is where students will evaluate your original game concept proposal. Students should use the highlighted client brief and discuss how they have implemented all of the things that the client has asked for in the brief (the highlighted parts). Students should also say which part of the concept and proposal they think have been done well and which parts they might improve or expand upon if they were given more time to do the project.</p>
Drama	<p>GCSE exam Component 3 Students will choose a play to perform. They will read the play, complete character research and learn two sections for performance to a visiting examiner.</p>	<p>GCSE exam Component 1 Preparation Exploration, discussion and structuring of answers. Students will watch a piece of Live theatre and complete questions to develop their responses. Students will have a visit from a college tour and will use this to write a live theatre response.</p>



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	Revisit Blood Brothers questions and rehearse sections of the play and discuss why they chose to perform it in that way then transferring that information to writing it as a response.	
Food	<p>Introduction to Non Examination Assessment 2 <i>Brief will be submitted directly by Eduquas examination</i> (NEA 2) which contributes to 35% of the student's overall outcome. This is a Food Investigation Task and will require individual food experiments which are conducted in a controlled environment within school.</p>	<p>Completion of NEA2: 1x 3hr practical examination which is taken in school under exam conditions. Three products will be made, cooked and served ready for assessment by internal moderator. This will be supported by a written portfolio of evidence (max 20 pages A4)</p>
Geography	<p>The Challenge of Urban Issues Global Urban change, migration, megacities, Rio de Janeiro, opportunities and challenges. Liverpool's opportunities and challenges. Sustainable urban living.</p>	<p>Resource Management Food, Energy and Water. Energy in the UK. Pre-Release study (March).</p>
History	<p>EDEXCEL GCSE History <u>British Depth Study: Anglo-Saxon and Norman England, c.1060-1088</u> <u>KT 1: Anglo-Saxon England and the Norman Conquest c.1060-1066</u> Anglo Saxon Society and the last years of Edward the Confessor, Succession crisis and Rivals for the Throne. The Norman Invasion <u>KT 2: William I in Power: Securing the Kingdom 1066-1087.</u> Establishing Control, Causes and Outcomes of Anglo-Saxon revolts 1068-71 The Legacy of Resistance to 1087</p>	<p>EDEXCEL GCSE History <u>British Depth Study: Anglo-Saxon and Norman England, c.1060-1088</u> <u>KT 2: William I in Power: Securing the Kingdom 1066-1087</u> Revolt of the Earls 1075. <u>KT 3: Norman England, 1066-88</u> The Feudal System and the Church Norman Government and Aristocracy William I and his Sons.</p>
GCSE PE	Ethics and Socio-Cultural Factors	Preventing Injury
RE	<p>Component 1 Philosophy and Ethics: Human Rights This is the final topic within the Philosophy and Ethics modules. Students will be required to discuss Muslim and Christian views on human rights, censorship, religious expression, prejudice and discrimination, wealth and poverty.</p>	<p>Component 1 Philosophy and Ethics: Human Rights Revision</p>
Sports Science	Applying Principles of Training	Applying Principles of Training
Spanish	"Hacia un mundo mejor" - environmental and social issues, volunteer work etc.	Recaps, revision and end of year assessments
Music	<p>Performing, Composing and Appraising Completion of all Performance and Composition paperwork, ready for submission to the exam board. Preparation and revision for the final Appraising examination.</p>	



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Design Technology	Theory Review Prior theory and apply to NEA Begin examination preparation, practice questions / mark schemes	Design & Make activity NEA Completion Realisation and evaluation (Sections 5+6)
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Core Subjects	Summer Term
Biology	<i>Ecology:</i> Adaptations, food webs and chains, biodiversity and human impact on biodiversity. <i>Exam Preparation:</i> Review Paper 1 and 2 and exam practice.
Chemistry	<i>Exam Preparation:</i> Review Paper 1 and 2 and exam practice.
English Language	Final revision of all aspects of the course
English Literature	Final revision of all aspects of the course
Maths – Foundation	Past papers and revision for GCSE maths exam
Maths – Higher	Past papers and revision for GCSE maths exam
Core PE	Softball/ Athletics/ Tennis Tennis/ Rounders/ Volleyball
Physics	<i>Exam Preparation:</i> Review Paper 1 and 2 and exam practice.

Option Subjects	Summer Term
History	Practise Papers, Final revision and practice for Papers 1-3