

# Curriculum Overview

Year 13 (Key Stage 5)

2023-2024



Subject	Half Term 1	Half Term 2	Half Term 3	Half Term 4	Half Term 5
GCE Art	Personal Investigation and Essay Students plan and undertake a contextual enquiry relevant to their ongoing practical work Students start work on preparatory studies for their Personal Investigation Choosing starting points <ul style="list-style-type: none"> <li>• Appropriate artists</li> <li>• Artist research and analysis</li> <li>• Media experimentation</li> <li>• Formal elements</li> <li>• Exploring techniques and processes</li> </ul>	Personal Investigation and Essay Students complete a contextual enquiry relevant to their ongoing practical work Students continue with work on preparatory studies for their Personal Investigation Media experimentation <ul style="list-style-type: none"> <li>• Formal elements</li> <li>• Exploring techniques and processes</li> <li>• Present a personal and meaningful response</li> </ul>	Personal Investigation and Essay Students complete Personal Investigation and present a personal and meaningful response in 15 hours Exam Feb 1st Set Assignment preparatory period begins in February Students start work on preparatory studies in response to the exam theme	Exam - Set Assignment preparatory period begins in February Students continue work on preparatory studies in response to the exam theme <ul style="list-style-type: none"> <li>• Choosing appropriate artists</li> <li>• Artist research and analysis</li> <li>• Media experimentation</li> <li>• Formal elements</li> <li>• Exploring techniques and processes</li> <li>• Responding to artists</li> </ul>	Exam - Set Assignment - Final piece prep <ul style="list-style-type: none"> <li>• Present a personal and meaningful response</li> </ul> 15 Hour exam
IAL Biology	5B - Ecology 5C - The environment and climate change 6A - Microbiology	6B - Immunity 6C - Decomposition and forensics 7A - Respiration	7A - Respiration 7B - Muscles, movement and the heart 7C - Control of the external environment	8A - The nervous system 8B - Coordination in animals and plants 8C - Gene technology	Paper 5 & Paper 6 Skills and preparation
IAL Chemistry	11. Kinetics 12. Entropy and energetics 13. Chemical equilibria 14. Acid-base equilibria	14. Acid-base equilibria 15. Organic Chemistry: carbonyl, carboxylic acids and chirality	16. Redox equilibria 17. Transition metals and their chemistry	18. Arenes 19. Organic nitrogen compounds: amines, amides, amino acids and proteins 20. Organic synthesis	20. Organic synthesis  Exams and Study Leave
IAL Economics	Unit 3: Types and sizes of businesses Business objectives Revenue, costs and profits Economies and diseconomies of scale Market structures and contestability Perfect competition, Monopolistic competition	Unit 3: Monopsony, Efficiency Labour markets The determination of wage rates in competitive and non-competitive markets Market failure in the labour market Government intervention in product markets	Unit 4: Causes and effects of globalisation Trade and the global economy Trade liberalisation and trading blocs Restrictions on free trade	Unit 4: Balance of payments, exchange rates International competitiveness Poverty Inequality The role of the state in the macroeconomy Measures of economic development Constraints on growth and	Exam Leave Exams and Study Leave

	Oligopoly, Monopoly	Government intervention in labour markets		development Measures to promote growth and development	
<b>GCE English Language and Literature</b>	Voices in Speech and Writing - Paper 1B - Reading and Analysing the play Equus for an extract-based essay response.  Coursework - Paper 3 - Assignment 1- Creative Fiction writing	Varieties in Language and Literature - Paper 2A - Reading and Analysing the play Equus for an extract-based essay response. Paper 2B - Comparative Essay of Othello and The Great Gatsby  Coursework - Paper 3 - Assignment 2 - Creative Nonfiction writing	Voices in Speech and Writing - Paper 1A - Revision of the Nonfiction Anthology and unseen nonfiction extracts from 20th and 21st Century  Coursework - Paper 3 - Assignment 3 - Written commentary on two fiction pieces	Revision of Exam Components, Nonfiction and literary texts - focus on essay planning and writing; critical reviews and timed responses.  Coursework - final review	<i>Revision and Exam Leave</i>
<b>GCE French</b>	Thème 3 : L'immigration et la société multiculturelle française  L'impact positif de l'immigration en France  Les défis de l'immigration et de l'intégration en France  L'extrême droite	Thème 4 : L'occupation et la résistance  La France occupée  Le régime de Vichy  La résistance	Littérature : Un sac de billes  Reading, studying and analysing	Film : Intouchables  Multiple and detailed viewing Detailed studying and analysing  Continuous work on exam preparation	Thèmes 1 et 2 couverts en Year 12 revisités  Approfondissement
<b>Future Pathways</b>	Section 3: Finalise application essays Finalise choices Recording destinations	Section 3: Regular applications	Section 4: Mock university interviews US & UK regular deadlines Responding to offers Revision techniques	Section 4: Coping with changes Confirming choices	Exam Leave
<b>IAL Geography</b>	Unit 4 Hazards: This is an in-depth physical geography topic.  A detailed look at the processes causing tectonic hazards at different plate	Unit 3 Atmosphere and Weather: This topic is focused on the atmosphere and how physical systems generate climate zones and weather systems.	Unit 3 Superpowers: This topic allows for a detailed investigation of patterns of geopolitical power in the past and today, and how these patterns may change in the future.	Unit 3 Biodiversity: This topic explores the key relationship between ecosystem wellbeing and human well being.  A detailed Look at how an increasingly urban and industrial world can easily	Revision and Exams: <i>Sources of help:</i> - Edexcel Past Papers - CGP Revision Guides - Seneca Learning - BBC Bitesize - National Geographic

	<p>tectonic settings.</p> <p>An investigation into how tectonic disasters unfold in terms of process with a focus on contrasting places by development level.</p> <p>An indepth look at how tectonic activity and its impacts can be managed, using theoretical frameworks to understand the importance and value of management before, during and after disaster strikes.</p>	<p>It involves a detailed investigation of the characteristics of the atmosphere and the movement of air and air masses in it as part of a global overview.</p> <p>A study into how Hazardous weather systems form in different ways in contrasting locations but can have severe impacts on human populations both in the short and long term.</p> <p>Research into effective management of extreme weather and how the use of technology in terms of forecasting, prediction and mitigation can assist.</p>	<p>A detailed look at how the pattern of dominance, and number of powerful countries, has changed over time.</p> <p>Research into superpowers and emerging superpowers which both have a very significant impact on the global economy, global politics and the environment.</p> <p>An in-depth look at the spheres of influence between these powers and how they are frequently contested, with geopolitical implications.</p>	<p>overlook the role ecosystems play in maintaining planetary health through ecosystem services.</p> <p>Research into how the degradation of ecosystems and biodiversity has implications for physical systems and human populations.</p> <p>An investigation into how the management of biodiversity occurs at all scales from local to global, and which approaches are likely to be most successful.</p>	<ul style="list-style-type: none"> <li>- The Guardian/BBC News</li> <li>- USGS</li> <li>- NASA/NOAA</li> <li>- The MET office</li> <li>- Youtube</li> </ul>
<p><b>GCE History</b></p>	<p>Paper 3: the Witch Craze in Britain Europe and North America, c1580-c1750 Breadth and Depth Studies</p> <p>1 Changing attitudes to witchcraft in Britain</p> <p>Breadth Studies:</p> <p>2 The wider intellectual context: the coming of the age of science and reason</p> <p>3 The North Berwick witches in Scotland, 1590–91 and the aftermath to 1597</p> <p>4 The Lancashire witches of 1604–13</p>	<p>Paper 3: the Witch Craze in Britain Europe and North America, c1580-c1750 Depth Studies</p> <p>5 The Great Witch Hunt, in Bamberg, Germany, 1623–32</p> <p>4 Matthew Hopkins and the East Anglian witch craze, 1645–47</p> <p>5 Cotton Mather and the Salem witch hunt, 1692–93</p>	<p>Coursework Introduction</p> <p>Coursework Potential Topic include:</p> <p>Historians have disagreed about: The Role of General Custer at the battle of the Little BigHorn 1876 What is your view about the issue?</p> <p>Historians have disagreed about the principle cause of the outbreak of witchcraft hysteria in Salem Massachusetts in 1692. What is your view about the issue?</p>	<p>Coursework Introduction and Coursework</p> <p>Coursework and Revision</p>	<p>Revision</p>

<b>IAL IT</b>	Topic 12: Manipulating data Practical (Access): creating a database	Topic 13: Enabling technologies Practical (Access): queries, forms and reports	Topic 14: Using IT systems in organisations Practical (Access): assessing and analysing a database	Topic 15: Systems development Practical (Access): More complex queries and forms, graphs	Topic 16: Emerging technologies Practical (Access): Consolidation and Exam leave
<b>IAL Mathematics</b>	P3.1 Algebraic methods P3.2 Functions and graphs P3.3 Trigonometric functions P3.4 Trigonometric addition formulae P3.5 Exponentials and logarithms  M1.1 Mathematical models in mechanics M1.2 Constant acceleration M1.3 Vectors in mechanics	P3.6 Differentiation P3.7 Integration P3.8 Numerical methods  P4.1 Proof P4.2 Partial fractions  M1.3 Vectors in mechanics M1.4 Dynamics of a particle moving in a straight line M1.5 Forces and friction	P4.3 Coordinate geometry in the (x,y) plane P4.4 Binomial expansion P4.5 Differentiation P4.6 Integration  M1.5 Forces and friction M1.6 Momentum and impulse M1.7 Statics of a particle	P4.7 Vectors  M1.7 Statics of a particle M1.8 Moments	P4.7 Vectors  M1.8 Moments  Exams and Study Leave
<b>Physical Education</b>	Rock climbing  Football Ball control, passing, shooting, Attacking and defending tactics, small sided games, rules of the game	Badminton Underarm service, overhead clear, flick service, smash, singles and doubles game	Basketball Fingertip control, Dribbling, Chest pass and bounce pass, Shooting, Defence, Small sided games	Netball Hand-eye coordination and passing and catching technique, Shooting technique, Footwork fundamentals, Attacking and Defensive Tactics	Athletics Short, medium and long distance running, long jump, High jump Javelin throwing, Shot put, Relays
<b>IAL Physics</b>	1. Further Mechanics 2. Circular Motion 3. Electric and Magnetic Fields	1. Nuclear Physics 2. Particle accelerators and detectors 3. Particle Physics	1. Thermodynamics 2. Nuclear Decay	1. Oscillations 2. Astrophysics	
<b>PSHE</b>	Living in the wider world ,managing money, social media, freedom of expression, sexism in social media	Health and Wellbeing, building up resilience, mental health, exam stress, being a people pleaser	Relationships, misogyny, toxic masculinity, body image, pornography, abusive relationships	Professional communication, interviewing skills, leadership skills	Exam leave

	Health First sessions: sex education, drugs, first aid				
<b>GCE Psychology</b>	<p>Clinical psychology: diagnosis, schizophrenia and other mental health conditions</p> <p>Research methods for clinical psychology</p> <p>Issues and debates in psychology</p> <p>Revision of topics covered in year 12</p>	<p>Issues and debates in clinical psychology</p> <p>Child psychology: attachment, privation and deprivation</p> <p>Revision of topics covered in year 12</p>	<p>Child psychology: autism</p> <p>Research methods for child psychology</p> <p>Psychological skills: analysing research and synthesising knowledge</p>	<p>Psychological skills: applying knowledge</p> <p>Issues and debates in psychology</p> <p>Revision</p>	Revision and exam leave