

Year 12 Curriculum			
	Term 1 - Autumn	Term 2 - Easter	Term 3 - Summer
<b>Art</b>	Portfolio Project	Portfolio Project / Exam Preparation	Exam Preparation
<b>Biology</b>	Cells and Biological Molecules	Exchange, Variation and Genetic Diversity	Exam Preparation and Full Practical Investigation.
<b>Business</b>	1. What is Business? 2. Managers, Leadership and Decision making	3. Decision making to improve marketing performance 4. Decision making to improve operational performance	5. Decision making to improve human resource performance 6. Decision making to improve financial performance
<b>Chemistry</b>	Module 1: Development of practical skills in chemistry. Module 2: Atoms, ions and compounds, Amount of substance, Acids and redox, Electrons and bonding, Shapes of molecules and intermolecular forces, Module 3: Periodicity, Reactivity trends	Module 3: Enthalpy, Reaction rates and equilibrium. Module 4: Core Organic chemistry and analysis	Revision, Practical skills, Module 5: Physical chemistry: Lattice Enthalpy, Enthalpy changes in solution, entropy
<b>Classics</b>	Greek Theatre & Homer's Odyssey	Greek Theatre & Homer's Odyssey	Revision and Examinations x2
<b>Computer Science</b>	Computing principles: Processor, software development, programming Algorithms and programming: Computational thinking, problem solving,	Exchanging data, data structures, Legislation / moral, ethical issues. Algorithms and programming: Computational thinking, problem solving,	Revision of Computing principles, algorithms and programming.
<b>Drama &amp; Theatre</b>	Skill development workshops Component 2 – Practical and theoretical exploration of 2 plays Component 2 – Complete written Portfolio Component 1 – The work of Theatre Makers – Live Theatre or Recorded performance Component 1 – Practical and theoretical exploration of set text – ANTIGONE by Sophocles	Component 1 – Practical and theoretical exploration of set text – ANTIGONE by Sophocles Component 1 – The work of Theatre Makers – Live Theatre or Recorded performance Component 2 – Performance of 1 scripted piece studied Mock assessment	Revision Examination
<b>English Literature</b>	Poetry and Drama Unit and Prose Units co-taught	Poetry and Drama Unit and Prose Units co-taught	Revision and Examinations x2
<b>Economics</b>	Operation of markets and market failure / The national economy in a global context	The operation of markets and market failure / National economy in a global context	Revision/ Exam techniques/ Economic Behaviour
<b>French</b>	Changes in French society / music / grammar	Movie / media / education / grammar	Festivals and traditions / world of work / grammar / Literature
<b>Further Maths</b>	Statistical Sampling, Vectors, Surds & Indices, Straight Line Graphs, Measures of location & spread, Quantities & Units, Quadratics, Circles, Representation of Data, Constant acceleration, Simultaneous Equations, Inequalities, The Binomial Expansion, Correlation, Forces & Motion, Graphs transformations, Differentiation, Probability, Variable Acceleration, Factor Theorem & Proof, Integration, Statistical Distribution, Forces and Friction, Trigonometry: Ratios & Graphs, Exponentials & Logs, Hypothesis Testing, Trigonometry Identities & Equations	Complex Numbers, Series, Momentum and Impulse, Argand diagrams, Volumes of revolutions, Work energy and power, Roots of polynomials, Linear transformations, Elastic Collisions, Matrices, Proof by induction, Vectors	Review and AS examination. Start of A2 course material
<b>Geography</b>	Diverse Places & Coastal Landscapes and Change	Globalisation & Tectonic Processes, Hazards, Impacts, and Responses	NEA
<b>History</b>	Russia 1917-1991 From Lenin to Yeltsin (thematic study). The German Democratic Republic.	Russia 1917-1991 finishing the thematic study and completing Yeltsin and Gorbachev interpretation study. The German Democratic Republic.	The changing nature of British Warfare c.1760-1914 and coursework

<b>Maths</b>	Surds & Indices, Quadratics, Simultaneous Equations, Inequalities, Graphs & transformations, Co-ordinate Geometry, Trigonometry: Ratios & Graphs, Statistical Sampling, Measures of location & spread, Correlation, Algebraic Methods: Algebraic fractions, division of polynomials and Factor Theorem & Proof, The Binomial Expansion, Vectors	Trigonometry: Identities & Equations, Modelling in Mechanics: Quantities & Units, Differentiation, Kinematics: Constant acceleration, Integration, Probability, Exponentials & Logs, Statistical Distribution, Hypothesis Testing, Kinematics: Forces & Motion, Variable Acceleration	Review and AS examination. Start of A2 course material
<b>Music</b>	Set work analysis. Aural practice. Composition	Set work analysis. Aural practice. Composition	Set work revision. Composition and performance
<b>PE</b>	1. Applied Anatomy and Physiology. 2. Skill Acquisition. 3. Sport and Society. Non examined assessment	4. Exercise Physiology. 5. Biomechanics. 6. Sports Psychology. 7. The Role of technology in physical activity and sport. Non-examined assessment	8. Exam preparation. Non-examined assessment
<b>Enrichment</b>	Rugby, Football, Rock climbing, circuit training, Drama, Politics, Scuba diving, Volunteering	Football, Rock climbing, circuit training, Drama, Politics, Scuba diving, Volunteering	Football, Rock climbing, circuit training, Drama, Politics, Scuba diving, Volunteering
<b>Physics</b>	Wave and Particle Nature of Light, Mechanics	Materials, Electric Circuits	Revision, Gravitational Fields
<b>Philosophy &amp; Ethics</b>	Arguments for God; Ethical theory	Religious Experience; applied ethics	Christianity; revision
<b>Politics</b>	Component 1 - Democracy and participation, political parties, electoral systems and Voting behaviours and patterns.	Component 2 - The Constitution, Parliament, Prime Ministerial and executive powers and relations between the institutions.	Components 1 and 2 A level sections on core ideas of Conservatism, Liberalism and Socialism
<b>PSHE</b>	List of topics covered during the year: GCSE review; sixth form induction – relationships, time-management, study skills; mental health and wellbeing; homelessness; volunteering; charity and fund-raising – your place and responsibility in the world (British values) – Share the Light and HCPT; online safety, drugs awareness; relationships and sex education; healthy living (enrichment programme); leadership opportunities; careers – aspirations; economic and finance advice – managing a budget – Young Enterprise		
<b>Psychology</b>	Paper 1: Memory, Social Influence, Start of attachment. Paper 2: Research Methods content integrated throughout the term	Paper 1: Attachment. Paper 2: Approaches, Psychopathology and Research Methods content integrated throughout the term	Paper 2: Research Methods. Exam Practice. Post-AS Paper 2 Approaches content from year 2 and mini project
<b>Spanish</b>	Societal changes, music, media and work in Spain	Literature or film, tourism, customs and traditions	Revision, Research project

Year 13 Curriculum			
	Term 1 - Autumn	Term 2 - Easter	Term 3 - Summer
<b>Art</b>	Personal Investigation	Personal Investigation/Exam Prep.	Exam Preparation
<b>Biology</b>	Energy Transfers Between Organisms. How Organisms Respond to their Environment	Genetics, populations, evolution and ecosystems. The Control of Gene Expression.	Exam Preparation
<b>Business</b>	1. Analysing the strategic position of a business. 2. Choosing strategic direction	3. Strategic methods: how to pursue strategies 4. Managing strategic change	5. Exam preparation
<b>Chemistry</b>	Module 5: Physical chemistry and transition elements, practical skills, Unifying concepts	Module 6: Organic chemistry and analysis, practical skills, Unifying concepts	Revision, Unifying concepts
<b>Classics</b>	The World of the Hero & Greek Religion	The World of the Hero & Greek Religion	Revision and examination preparation
<b>ICT</b>	Advanced ICT Project and write up	ICT Policies, strategies / management	Backup / recovery / testing/ evaluation
<b>Drama &amp; Theatre</b>	Component 1 – The work of Theatre Makers – Live Theatre or Recorded performance Component 1 – Practical and theoretical exploration of set text – ANTIGONE by Sophocles Component 2 – Explore, Rehearse and Perform Devised Dramas Component 3 - Explore, Rehearse and Perform Duologues Component 3 – Complete Reflective Report	Component 1 – Practical and theoretical exploration of set text A – ANTIGONE Component 1 – Practical and theoretical exploration of set text B – THE GLASS MENAGERIE Component 1 – The work of Theatre Makers – Live Theatre or Recorded performance	Revision Examination
<b>English Literature</b>	Coursework project. Shakespeare and Critical Anthology Unit and Poetry Unit co-taught by separate teachers.	Finish Shakes + Poetry Units. Revision of AS materials (where relevant). Unseen Poetry comparison.	Revision and Examination.
<b>Economics</b>	Individuals, firms, market and market failure	the national and international economy	Revision, Exam techniques, Mock
<b>French</b>	Immigration / literary text / research project	Occupation and Resistance / extreme-right	research project review / revision
<b>Further Maths</b>	Binomial Expansion, Trigonometry and modelling, Differentiation, Parametric Equations, Functions and Graphs, Integration, Numerical Methods, Vectors, Methods in calculus	Series, Complex numbers, Volumes of revolution, Hyperbolic functions, Polar coordinates, Methods in differential equations, Modelling with differential equations	Review and A2 examination
<b>Geography</b>	Global Developments & Connections/Superpowers	The Carbon Cycle & Energy Security/Water Cycle & Water Insecurity	Synoptic Investigation (this may be moved or run for the 'fifth' lesson?)
<b>History</b>	Russia and its rulers and Wars of the Roses cwk	Russia and its rulers and Wars of the Roses cwk	Revision
<b>Maths</b>	Algebraic Methods, Radians, Functions and Graphs, Trigonometric Functions, Sequences and Series, Trigonometry and Modelling, Binomial Expansions, Parametric Equations, Differentiation, Forces and friction, Conditional probability, Moments	Regression, correlation and hypothesis testing, Vectors, Normal distribution, Projectiles, Numerical methods, Application of forces, kinematics, Integration	Review and A2 examination
<b>Music</b>	Set work analysis. Aural practice. Composition	Set work analysis. Aural practice. Composition	Set work revision. Composition and performance
<b>PE</b>	1. Applied anatomy and physiology. 2. Information processing. 6. Sport and society and the role of technology in physical activity and sport. Non-examined assessment	3. Exercise physiology. 4. Biomechanical movement. 5. Sports Psychology. Non-examined assessment	7. Exam preparation. Non-examined assessment.
<b>Enrichment</b>	Rugby, Football, Rock climbing, circuit training, Drama, Politics, Scuba diving, Volunteering	Football, Rock climbing, circuit training, Drama, Politics, Scuba diving, Volunteering	Football, Rock climbing, circuit training, Drama, Politics, Scuba diving, Volunteering
<b>Physics</b>	Further Mechanics, Electric and Magnetic Fields, Nuclear and Particle Physics	Thermodynamics, Space, Nuclear Radiation, Oscillations	Revision
<b>Philosophy &amp; Ethics</b>	Afterlife; Bentham & Kant	Miracles; Meta ethics	Dialogues; revision

<b>PSHE</b>	List of topics covered during the year: UCAS application and careers; study skills; mental health and wellbeing; volunteering; charity and fundraising – your place and responsibility in the world (British values) – Share the Light; online safety, drugs awareness; relationships and sex education; healthy living (enrichment programme); leadership opportunities; careers – aspirations; economic and finance advice – managing a budget – university preparation.		
<b>Psychology</b>	Paper 2: Approaches and Research Methods block weeks x 2. Paper 3 Issues and Debates, Relationships, Start of Schizophrenia	Paper 3: Schizophrenia, Addiction. Paper 2: Research Methods block week and Biopsychology	Paper 2: Biopsychology and Research Methods block week. Exam practice
<b>Spanish</b>	Immigration, Spanish Civil War, Research project	Literature or film, Dictatorship to democracy	Revision