Year 12 Curriculum Map 2020-21

	Term 1 - Autumn	Term 2 - Easter	Term 3 - Summer
Art	Project 1: Fine Art/Graphic Communication/Photography	Project 2: developing ideas	Project 3: Artist analysis
Biology	Cells and Biological Molecules	Immunity, Exchange, Variation and Genetic Diversity	Transport, stats investigation, exams, ecology and photosynthesis
Business	Theme 1 - Entrepreneurs and leaders. Theme 2 - External influences.	Theme 1 - Marketing. Theme 2 - Finance.	Theme 1 - Human Resources. Theme 2 - Operations.
Chemistry	atoms, ions and compounds. amount of substance, acids and redox, electrons and bonding, shapes of molecules and intermolecular forces	the periodic table, reactivity trends, enthalpy, reaction rates, basic concepts of organic, alkanes, alkenes, alcohols, haloalkanes	equilibria, organic synthesis, spectrosopy, rates of reaction (A2) and enthalpy changes (A2)
Classics	World of the Hero: Comparing the Odyssey & the Aeneid / Greek Theatre: Sophocles' Oedipus; Athenians & Democracy	Greek Theatre: Euripides' Bacchae & World of the Hero: Comparing the Odyssey & the Aeneid ; Athenians & Democracy	Greek Theatre: Aristophanes' Frogs & World of the Hero: Comparing the Odyssey & the Aeneid ; Athenians & Democracy
Computer Sci.	Components of a Computer, Systems Software, Computational Thinking, Data Types	Software Development, Data Structures, Boolean Algebra	Networks and web technologies, Programming Techniques
Drama	Live Production and Sext Text A (A Servant to Two Masters)	Set Text A (A Servant to Two Masters) and Practitioner Workshops (Devising)	Practitioner Workshops (Scripted) and Component 2 Rehearsals (Devising)
Economics	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
English Lit	Poetry (contemporary & Romantics)	Waiting For Godot/ Novels	Novels / coursework
French	Aspects of French-speaking society (the changing nature of family) and Artistic Culture in the French-speaking World (a culture proud of its heritage) Study of the film 'La Haine'.	Cyber-society and Contemporary Francophone Cinema. Study of the film 'La Haine'.	The place of voluntary work. Summer Assessments and IRP (Independent Research Project) for the speaking exam.
Further Maths	All the topics from Maths below	All finish the topics from Y12 maths	All the topics from Y13 maths
Geography	Diverse Places/Coasts	Tectonic Activity/Globalisation	NEA
History	Russia 1917-1991 From Lenin to Yeltsin (thematic study). The German Democratic Republic, 1949 - 90 (depth study)	Russia 1917-1991 From Lenin to Yeltsin (thematic study). The German Democratic Republic, 1949 - 90 (depth study)	The changing nature of British Warfare c.1760-1914 and coursework (Russia / USSR)
Maths	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
Music	Vocal Music (Bach and Vaughan-Williams), Music for Film (Psycho, Batman), harmony, composition	Fusions (Debussy, Shankar), Instrumental Music (Schumann, Berlioz), harmony, composition	Popular Music & Jazz (Pine and Bush), harmony, composition
PE	Applied Anatomy and Physiology. 2. Skill Acquisition. 3. Sport and Society. Non examined assessment	Exercise Physiology. 5. Biomechanics. 6. Sports Psychology. 7. The Role of technology in physical activity and sport.	Exam preparation. Non-examined assessment
Physics	Wave and Particle Nature of Light, Mechanics	Materials, Electric Circuits	Revision, Gravitational Fields
Phil. & Ethics	Ethical theory / arguments for God	Good conduct & Christianity / problem of evil	Conscience / religious experience
Politics	Component 1 - Democracy and participation, political parties, electoral systems and Voting behaviour and the media	omponent 2 - The Constitution, Parliament, Prime Ministerial and executive powers and relations between the institutions	Complete Component 2 and start Core Ideologies
Psychology	Paper 2 - Research methods, Approaches in Psychology, Biopsychology	Paper 1 - Social Influence, Memory, Attachment. January assessment.	Paper 1 - Psychopathology. Research project. Attachment. Summer assessment.
Spanish	Los valores tradicionales y modernos / El ciberespacio / La igualdad de los derechos / La influencia de los ídolos / film	La identidad regional de Espana / El patrimonio cultural / Film	literacy work / Film / Mock Exams