

Year 13 Curriculum Overview 2020-21

Year 13	Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2
Art	Topic(s): CW student-led AO1/AO2/AO3 Essay Assessment: Formative	Topic(s): CW student-led AO1/AO2/AO3 Essay Assessment: Formative	Topic(s): Exam project – student-led AO1/2 Assessment: Summative MOCK EXAM	Topic(s): Exam project – student-led AO2/3 Assessment: Formative	Topic(s): Exam project – student-led AO3/4 Assessment: Summative	EXAMS
Biology	Topic(s): Module 5 - Communication and Homeostasis, Excretion Module 6 - Cellular Control and Patterns of Inheritance Assessment: Breadth AS paper if necessary Homeostasis test Cellular control test	Topic(s): Module 5 - Neuronal communication, Hormonal communication Module 6 - Manipulating genomes Assessment: Excretion test Patterns of inheritance test Neuronal communication test	Topic(s): Module 5 - Plant and animal responses Module 6 - Cloning and Biotechnology Assessment: Hormonal communication test Plant and animal responses test Cloning and Biotechnology test	Topic(s): Module 5 - Photosynthesis and Respiration Module 6 - Ecosystems. Populations and sustainability Assessment: Photosynthesis test Respiration test Ecosystems test Populations and sustainability test	Topic(s): Review of Year 1, Review of practical work. Assessment: Biological Processes past paper Biological Diversity past paper Unified Biology past paper	EXAMS
Business Studies	Topic(s): Unit 7 – Strategic position of a business - SWOT analysis - Financial ratio analysis Unit 9 – Strategic Methods - Growth - Innovation - Digital technology	Topic(s): Unit 7 – Strategic position of a business - ST/LT performance - Government Policy - Economic Policy - Globalisation Unit 10 – Managing change - Causes of change	Topic(s): Unit 7 – Strategic position of a business - CSR - Technological change Unit 10 – Managing change - Flexible organisations - Barriers to change	Topic(s): Unit 7 – Strategic position of a business - Investment appraisal - Competitive environment Unit 10 – Managing change - Network analysis - Strategic implementation Assessment:	Topic(s): Structured Revision based around prior assessment. Assessment:	EXAMS

	Assessment: Unit 8 Topic Assessment	Assessment: Unit 9 Topic Assessment	- Culture Assessment: Mock A2	Units 7 and 10 Topic Assessments	AQA Exam Papers (Units 1-10)	
Chemistry	Topic(s): Chapters 5.1 and 6.1	Topic(s): Chapters 6.1 and 6.2 and 5.1	Topic(s): Chapters 6.2 and 5.2 and 5.3	Topic(s): Chapters 6.3 and 5.3	Topic(s): Revision	EXAMS
Design Technology & Food & Nutrition	Topic(s): Product Design Contextual Challenge Assessment(s): Formative	Topic(s): Product Design Contextual Challenge Assessment(s): Formative	Topic(s): Product Design Contextual Challenge Assessment(s): Formative	Topic(s): Product Design Contextual Challenge Assessment(s): Final coursework assessment.	Topic(s): Product Design Revision Assessment(s): Practice Exam questions	EXAMS
Drama	Topic(s): Preparation and rehearsal for unit two-performance	Topic(s): Preparation and rehearsal for component two Assessment(s): External examiner visit and component two assessed. This is 20% of their final A Level. Live Theatre Evaluation	Topic(s): Exploration of Woyzeck and revision of Machinal- examination texts	Topic(s): Preparation for written exam. Assessment(s): Practice questions and papers	Topic(s): Preparation for written exam. Assessment(s): Practice questions and papers	EXAMS
English	Topic(s): Jane Eyre/Sense and Sensibility/The unseen/ Coursework/Paper 1, text 3 Assessment(s):	Topic(s): Jane Eyre/Sense and Sensibility/The unseen Coursework/Paper 1, text 3 Assessment(s):	Topic(s): Jane Eyre/Sense and Sensibility/The unseen Coursework/Paper 1 texts Assessment(s):	Topic(s): Jane Eyre/Sense and Sensibility/The unseen/Paper 1 revision Assessment(s):	Topic(s): Jane Eyre/Sense and Sensibility/The unseen/Paper 1 revision Assessment(s):	EXAMS

	As appropriate for each unit	As appropriate for each unit	Mock exams	As appropriate for each unit	As appropriate for each unit	
French	Topic(s): Cont'd chosen film begin chosen book immigration Assessment(s) : unit 1 essays	Topic(s): chosen Film chosen Book Integration Assessment(s): Unit 2 , essays, IRP	Topic(s): chosen book Racism The European Union Assessment(s): Unit 3 and 4 IRP	Topic(s): The European Union Politics and the Young IRP Assessment(s): Oral focus	Topic(s): Current Issues in France IRP Assessment(s): essays, practise papers, IRP	EXAMS
Geography	Topic(s):Water + Carbon Assessment(s):Mock 1	Topic(s): Water + Carbon Assessment(s): Essays	Topic(s): Superpowers and Health Rights Assessment(s): Essays	Topic(s): Superpowers and Health Rights Assessment(s):Mock 2	Topic(s): Revision Assessment(s):Mock 3	EXAMS
German	Topic(s): The Reader Good-Bye Lenin immigration Assessment(s) :unit 1 essays	Topic(s): The Reader Good-Bye Lenin Integration Assessment(s): Unit 2 , essays, IRP	Topic(s): The Reader Racism The European Union Assessment(s): Unit 3 and 4 IRP	Topic(s): The European Union Politics and the Young Assessment(s): Oral focus	Topic(s): Germany's Reunification Assessment(s): essays, practise papers, IRP	EXAMS
History	Paper One – Tsarist and Communist Russia 1924-1939 Paper Two – The Making of Modern Britain 1983-1990	Paper One – Tsarist and Communist Russia 1939-1953 Paper Two – The Making of Modern Britain 1990-2001	Paper One – Tsarist and Communist Russia 1953-1964 Paper Two – The Making of Modern Britain 2001-2007	Revision	Revision	EXAMS
Law	Topic(s): Law of contract: rules and theory; formation; terms. Assessment: part of	Topic(s): Law of contract: vitiating factors; discharge; remedies; evaluation.	Topic(s): The nature of law: law and morality; law and justice; law and society; law and technology.	Topic(s): Revision: legal system; criminal law; law making; tort. Assessment: paper	Topic(s): Revision: nature of law; contract; legal system; criminal law; law making; tort.	EXAMS

	paper 03 section B style assessment (60 mins)	Assessment: part of paper 03 section B style assessment (60 mins)	Assessment: paper 03 section A style assessment (30 mins)	01, paper 02, paper 03 full papers at intervals.	Assessment: various, dependent on results of prior assessments.	
Maths	Topic(s): Pure – partial fractions and further binomial expansion, numerical methods Assessment(s): Formative	Topic(s): Pure –Further differentiation, functions Stats – probability distributions Mechanics – kinematics and projectiles Assessment(s): Formative	Topic(s): Pure – Further integration, trigonometry Stats – hypothesis testing Assessment(s): MOCK EXAM	Topic(s): Pure – differential equations, trigonometric functions Mechanics- forces and motion, friction Assessment(s): Formative	Topic(s): Pure – Parametric equations Mechanics – moments Revision Assessment(s): Summative	EXAMS
Maths – Further Maths	Topic(s): Pure –vectors, matrices, series and induction Statistics - Expectation algebra, confidence intervals, hypothesis testing Assessment(s): Formative	Topic(s): Pure –further calculus, polar coordinates, Maclaurin series Statistics- simulation Assessment(s): Formative	Topic(s): Pure –Hyperbolic functions, first order differential equations Decision- algorithms and modelling with graphs and networks Assessment(s): Formative	Topic(s): Pure – complex numbers, second order differential equations Decision-network algorithms, linear programming Assessment(s): Formative	Topic(s): Pure -REVISE Decision- simplex method Assessment(s): Summative	EXAMS
PE Physiology Psychology Biomechanics Socio-Cultural NEA	Energy for Exercise Memory models and attribution Linear motion Speed/time and velocity/time graphs	Environmental effects Self-efficacy and confidence Angular motion Axes of rotation and moment of inertia	Injury prevention Leadership in sport Angular momentum Fluid mechanics, air resistance and drag Routes to sporting excellence in the UK	Injury rehabilitation Stress management Lift and the bernoulli principle Spin and the magnus force Revision Modern technology	Consolidation and exam preparation Year 12 mock exam	Oral Preparation Team dynamics and goal setting

	Ethics and deviance - legal/ illegal drugs and doping, violence... Year 12 Initial assessment (2nd week)	Commercialisation and media in sport Progress test of all theory topics	- Talent id to elite mock exam and oral exam	in sport Progress Test of all theory topics		
Personal Social & Health Education & Citizenship, Careers	Topic(s): Stress management, University choices and alternatives Carousel of car maintenance, cooking on a budget, First aid, self defence	Topic(s): Financing university, Drive IQ, Drug awareness	Topic(s): Politics / beliefs Carousel of car maintenance, cooking on a budget, First aid, self defence	Topic(s): UCAS Carousel of car maintenance, cooking on a budget, First aid, self defence	Topic(s): Personal finance, UCAS Carousel of car maintenance, cooking on a budget, First aid, self defence	EXAMS
Physics	Topic(s): · Electrons and nuclei · Momentum and energy Assessment: Thermodynamics test – teacher marked, with comments CP9: Investigate the relationship between the force exerted on an object and its change of momentum – self-assessment, teacher comments. CP10: Use ICT to	Topic(s): · Particle Physics · Motion in a circle Assessment: Peer assessment of particle physics presentation, with teacher comments Further mechanics test – teacher marked, with comments	Topic(s): · Universal Gravitation · Nuclear decay Assessment: CP15: Investigate the absorption of gamma radiation by lead. – self-assessment, teacher comments MOCK EXAM (A2 past papers)	Topic(s): · Astrophysics · Cosmology · Oscillations Assessment: CP16: Determine the value of an unknown mass using the resonant frequencies of the oscillation of known masses. – self-assessment, teacher	Revision	EXAMS

	analyse collisions between small spheres, e.g. ball bearings on a table top. – self-assessment, teacher comments					
Politics						EXAMS
Psychology	<p>Topic(s): Schizophrenia</p> <p>Assessment: Jan: Paper 1 A level mock exam November: End of topic test: exam conditions: Issues and debates</p>	<p>Topic(s): Relationships</p> <p>Assessment: End of topic test: exam conditions: Relationships</p>	<p>Topic(s): Biopsychology</p> <p>Assessment: Mock exams</p>	<p>Topic(s): Issues and debates</p> <p>Assessment: End of topic test: exam conditions: Issues and debates</p>	<p>Topic(s): Issues and debates</p> <p>Assessment: End of topic test: exam conditions: Issues and debates Revision</p>	EXAMS
Religious Studies	<p>Topic(s): Buddhism: Pure Land, Madhyamaka and prajnaparamita</p> <p>Religious language: Negative, Analogical or Symbolic</p> <p>Ethics: Kantian Ethics</p> <p>Assessment(s): Practice exam questions</p>	<p>Topic(s): Ethics: Sexual Ethics</p> <p>Philosophy: The nature or attributes of God</p> <p>Assessment(s): Practice exam questions</p>	<p>Topic(s): Buddhism: Zen, Buddhism in the West</p> <p>Philosophy: Twentieth century perspectives and philosophical comparisons</p> <p>Ethics: Meta-ethical theories</p> <p>Assessment(s): Practice exam questions</p>	<p>Topic(s): Ethics: Conscience</p> <p>Assessment(s): Practice exam questions</p>	<p>Topic(s): Buddhism: Engaged Buddhism, Gender</p> <p>Assessment(s): Practice exam questions</p>	EXAMS