

6th Form Curriculum Content Overview: A2 Level & L3 Equivalent Courses

6th Form	Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2
Applied Science CTEC	Fundamentals of science: Atoms, mixtures and compounds	Fundamentals of science: Inorganic chemistry, metal ions in biology, Hooke's law, electrical properties	Laboratory techniques: Calibration, risk management and sampling	Laboratory techniques: titration calculations, enhanced and automated techniques	Laboratory techniques: Sterility and cleanliness, tissue culture and exam technique	Examinations
Biology	Energy transfers in and between organisms	Organisms' response to changes in their internal and external environments	Genetics, populations, evolution and ecosystems	The control of gene expression	Preparation for final exams	
Business	Mission and Strategy. Strategic Position; Internal, external.	External environment. Choosing strategic direction.	How to pursue strategies; changes in scale, assessing innovation	Managing strategic change; culture, implementation, why strategies fail.	Exam preparation	
Chemistry	Physical Chemistry Unit 8 – Thermodynamics Unit 9 – Rate Equations Unit 12 – Acids and Bases	Physical Chemistry Unit 10 – Equilibrium Constant, K _p Unit 11 – Electrode Potentials and Electrochemical Cells Inorganic Chemistry Unit 4 – Properties of period 3 elements and their oxides	Inorganic Chemistry Unit 5 – Transition Metals Organic Chemistry	Amino acids, proteins, DNA, synthesis and analysis	Exam technique and revision	

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Computer Science	Programming Project: Analysing problems and designing solutions Recap and revision of Component 1: System architecture	Programming Project: Evidencing progress, testing Mock 1: Component 1 content	Component 2: Computational skills. Programming constructs and syntax.	Systems, networks and architecture, software, software development	Exam technique and revision	
Digital Media	Media Products	Developing the production process	Creating a media product	Social media and globalisation	Exam technique and revision	
English Literature	Complete NEA 1 and 2 – Theory and Independence: Poetry and Prose (20%). Introduction to English Literature Spec B – Paper 2A Elements of Crime Writing and Unseen Crime Extracts for Section A. Set text for Paper 2A Section B or C: <i>The Murder of Roger Ackroyd</i> by Agatha Christie.	Paper 2A – Section A: Unseen Extracts. Paper 2A – Section B or C: <i>The Murder of Roger Ackroyd</i> by Agatha Christie. Preparation for November mock examination: Paper 2A: Section A and B.	Paper 2A – Section B or C set text: Selected Poetry by Crabbe, Browning and Wilde (Pre-1900). Paper 2A – Section B or C set text: <i>Atonement</i> by Ian McEwan (Post-2000).	Revision and practice exam questions: Paper 1A Aspects of Tragedy (<i>Othello</i> , <i>Death of a Salesman</i> , Keats). Paper 2A – Section B or C set text: <i>Atonement</i> by Ian McEwan (Post-2000). March mock examination: Paper 1A – Aspects of Tragedy.	Revision and practice exam questions: Paper 1A Aspects of Tragedy (2 hrs 30 mins – 40%) and Paper 2A Elements of Crime Writing (3 hrs – 40%).	Final examinations.

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Graphics	AQA Coursework NEA- Personal Investigation (Students select their own Design Task which meets the assessment criteria) <i>Note: No practical exam this year. Student grades are based on coursework portfolio only.</i>	AQA Coursework NEA- Personal Investigation (Students select their own Design Task which meets the assessment criteria) <i>Note: No practical exam this year. Student grades are based on coursework portfolio only.</i>	AQA Coursework NEA- Personal Investigation (Students select their own Design Task which meets the assessment criteria) <i>Note: No practical exam this year. Student grades are based on coursework portfolio only.</i>	AQA Coursework NEA- Personal Investigation (Students select their own Design Task which meets the assessment criteria) <i>Note: No practical exam this year. Student grades are based on coursework portfolio only.</i>	AQA Coursework NEA- Personal Investigation (Students select their own Design Task which meets the assessment criteria) <i>Note: No practical exam this year. Student grades are based on coursework portfolio only.</i>	AQA Coursework NEA- Personal Investigation (Students select their own Design Task which meets the assessment criteria) <i>Note: No practical exam this year. Student grades are based on coursework portfolio only.</i>
History	Unit 2 – King John 1199 – 1185 Was John to blame for the misfortunes of his reign? Revision	Unit 2 – King John 1185 – 1216 Was John to blame for the misfortunes of his reign? Revision	Unit 1 – USA in the 1930s, WWII and the Age of Affluence Revision	Unit 1 – USA in the 1960s and 1970s – a country divided. Revision	Revision	
Law	Paper 1: Defences in criminal law Paper 2: Tort law – private nuisance, Rylands v Fletcher, vicarious liability	Mock revision, criminal law and tort scenario and evaluation questions Paper 3: Theory of Human Rights Law, evaluation of the Human Rights Act	Paper 3: Human Rights Law, ECHR Articles 5, 6, 8, 10, 11 with evaluation	Mock revision, Human Rights Law scenarios and evaluation Paper 3: Nature of Law, law and morality, law and society	Exam revision and technique Year 1 and Year 2 topics	Final exams
Photography	Personal Study and Essay (3000 words)	Personal Study and Essay (3000 words)	Mock/Exam (see below)	Mock/Exam (see below)	All work will be submitted and	

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			The exam is cancelled this year but we will continue with a project similar which will go towards the coursework final grade.	The exam is cancelled this year but we will continue with a project similar which will go towards the coursework final grade.	moderated by May 31st	
Physics	Further mechanics/ Thermal Physics	Fields and Their Consequences	Nuclear Physics/Astrophysics	Exam technique. Maths, practical and scientific skills and factual recall.		
Psychology	Recap on approaches Categorisation of approaches in relation to debates Research methods (choice of statistical tests) OPTION 1 Relationships	Recap on Abnormality OPTION 2 Schizophrenia	OPTION 3 Forensic Psychology	Revision Paper 1 Revision Paper 2	Revision paper 3	External Examinations
Sociology	Paper 3: Crime and deviance Paper 2: Media	Mock revision for crime and deviance with media Paper 3: Crime and deviance with	Paper 2: Beliefs in society Paper 2: Media Paper 2: Stratification	Mock revision for beliefs and stratification Paper 2: Beliefs Paper 2: Stratification	Revision and exam technique Year 1 and Year 2 topics	Final exams

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		theory and methods Paper 2: Media				
Sport	Unit 3 continuation from Y12 Sports organisations and development (exam) Governing bodies of sport, sport funding in the UK. Centres of excellence.	Unit 10 Biomechanics. (Centre assessed) Basic principles of biomechanics, Levers, movements, Newton's laws of motion.	Unit 10 Biomechanics (Centre assessed) Forces, stability, movement analysis in sport and using biomechanics to improve performance.	Unit 8 Organisation of sports events. (Centre assessed) Planning sports events, advertising sports events.	Unit 8 Organisation of sports events. (Centre assessed) Running sports clubs and events within the school.	Unit 8 Organisation of sports events. (Centre assessed) Final events for the summer term. Assisting with school house tournaments and school sports day.
Tourism	External Pressures. Changing needs, fashions and expectations. Transport developments and impacts.	Tourism and ICT. Tourism management strategies.	Global Tourism Issues. How the UK manage current travel issues.	Coursework. Exam revision.	Coursework. Exam revision.	Coursework. Exam revision.