

# Year 13

Faculty	Subject	Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2
English	English Language	Paper 2: Child Language	Paper 1: Language Variation	Paper 3: Investigating Language – pre- release	Revision needs of class and Non- examination assessment: Crafting Language	Revision needs of class and Non- examination assessment: Crafting Language	
	English Literature	Romantic Verse/ Mock preparation	Mocks and feedback	Revision	Revision	Revision	
	Media Studies	Theoretical framework	Media Language and texts: Video games	Media Language and texts: Radio	Practical	Practical	
Maths	Maths	Pure Maths: Proof Natural logarithms and exponentials Functions Techniques for differentiation Techniques for integration Numerical solution of equations Algebra Trigonometry Parametric equations Further techniques for integration Vectors Differential equations Decision: Algorithms Graphs Networks Critical path analysis Linear programming Simulation					
	Further Maths	Pure Maths: Calculus Polar coordinates Complex numbers Power series Matrices Hyperbolic functions Numerical Methods: Approximations Solution of equations Numerical integration  Approximating functions Numerical differentiation Rates of convergence Mechanics: A model for friction Moments of forces Centre of mass Energy, work and power Impulse and momentum					

<b>Science</b>	<b>Chemistry</b>	Physical chemistry and transition elements. Organic chemistry and analysis.	Physical chemistry and transition elements. Organic chemistry and analysis.	Physical chemistry and transition elements. Organic chemistry and analysis.	Physical chemistry and transition elements. Organic chemistry and analysis.	Physical chemistry and transition elements. Organic chemistry and analysis.	
	<b>Physics</b>	6 Further mechanics and thermal physics 7 Fields and their consequences 8 Nuclear physics	6 Further mechanics and thermal physics 7 Fields and their consequences 8 Nuclear physics	6 Further mechanics and thermal physics 7 Fields and their consequences 8 Nuclear physics	6 Further mechanics and thermal physics 7 Fields and their consequences 8 Nuclear physics	One from; 9 Astrophysics 10 Medical physics 11 Engineering physics 12 Turning points in physics 13 Electronics	
	<b>Biology</b>	Communication and homeostasis Excretion as an example of homeostatic control Neuronal communication	Hormonal communication Animal responses Plants responses	Photosynthesis Respiration Cellular control	Patterns of inheritance Manipulations genomes Cloning and Biotechnology	Ecosystems Populations and sustainability	

Humanities and Global	History	<p><b>Component 1:</b> Tsarist and Communist Russia, 1855-1964. The Soviet Union 1917-1964. The emergence of the Communist dictatorship 1917-1941. Economic developments. Leninist and Stalinist societies. Terror.</p> <p><b>Component 2:</b> Religious Conflict and the Church in England c.1529-c.1570. A more Protestant nation, 1547-1553. Changes in the reign of Edward VI.</p> <p><b>Component 3:</b> Non Examined Assessment. On-going essay and exam skills and preparation. On-going revision of factual detail.</p>	<p><b>Component 1:</b> Tsarist and Communist Russia, 1855-1964. The Soviet Union 1917-1964. Stalinist dictatorship and reaction 1941-64. Stalinism in WW2. Political authority 1945-53.</p> <p><b>Component 2:</b> Religious Conflict and the Church in England c.1529-c.1570. A more Protestant nation, 1547-1553. Changes during the reign of Edward VI. The restoration of Papal Authority, 1553-1558. Changes during the reign of Mary I.</p> <p><b>Component 3:</b> Non Examined Assessment. On-going essay and exam skills and preparation. On-going revision of factual detail.</p>	<p><b>Component 1:</b> Tsarist and Communist Russia, 1855-1964. The Soviet Union 1917-1964. Khrushchev and reaction to Stalinism 1953-64.</p> <p><b>Component 2:</b> Religious Conflict and the Church in England c.1529-c.1570. The restoration of Papal Authority, 1553-1558. Changes during the reign of Mary I. The establishment of the Church of England, 1558-c.1570. Changes during the reign of Elizabeth I.</p> <p><b>Component 3:</b> Non Examined Assessment. Coursework handed in. On-going essay and exam skills and preparation. On-going revision of factual detail.</p>	<p><b>Component 1:</b> Tsarist and Communist Russia, 1855-1964. The Soviet Union 1917-1964. Economic and social developments. Opposition and the fall of Khrushchev.</p> <p><b>Component 2:</b> Religious Conflict and the Church in England c.1529-c.1570 The establishment of the Church of England, 1558-c.1570. Changes during the reign of Elizabeth I.</p> <p>Revision and exam preparation.</p>	<p><b>Component 1:</b> Tsarist and Communist Russia, 1855-1964. Soviet Union by 1964. Revision and exam preparation for both components.</p>	
	Geography	Hazards/Global	Hazards/Global	Revision and	Revision and	Revision and	

		Governance	Governance	Exam Practice	Exam Practice	Exam Practice	
	<b>Information Technology</b>	<b>G049</b> Develop a working specification Use of spreadsheet facilities Design and development of spreadsheet Implement a spreadsheet solution Present spreadsheet information Test spreadsheet Document the development Candidates evaluate the effectiveness of their solution and performance.	<b>G049</b> Develop a working specification Use of spreadsheet facilities Design and development of spreadsheet Implement a spreadsheet solution Present spreadsheet information Test spreadsheet Document the development Candidates evaluate the effectiveness of their solution and performance.	<b>G048</b> Understand a set brief and plan to meet the requirements of the brief; Identification of skills Work with others Plan, develop and deliver a project Continual evaluation of work Production of a summative project.	<b>G048</b> Understand a set brief and plan to meet the requirements of the brief; Identification of skills Work with others Plan, develop and deliver a project Continual evaluation of work Production of a summative project.	<b>G049</b> Develop a working specification Use of spreadsheet facilities Design and development of spreadsheet Implement a spreadsheet solution Present spreadsheet information Test spreadsheet Document the development Candidates evaluate the effectiveness of their solution and performance.	
	<b>Computer Science</b>	Fundamentals of databases Big Data Fundamentals of functional programming Systematic approach to problem solving	<b>NEA</b>	<b>NEA</b>	<b>Theory revision</b>	<b>Theory revision</b>	
	<b>French</b>	Crime and punishment  Integration	Politics and youth  Immigration	Cultural topic 2 – La Haine	Cultural topic 2 – La Haine	Revision and preparation for examination.	

			Strikes – who has the power?				
	<b>German</b>	Germany in the EU.  Immigration	Cultural topic 2 – Der Vorleser	Politics and Youth  German reunification and its consequences	Integration	Racism	
	<b>Spanish</b>	La Inmigración Los beneficios y los aspectos negativos La inmigración en el mundo hispánico Los indocumentados - problemas El Racismo Las actitudes racistas y xenófobas Las medidas contra el racismo La legislación anti-racista	La Convivencia La convivencia de culturas La educación Las religiones Read book over holiday	Jóvenes de hoy, ciudadanos de mañana Los jóvenes y su actitud hacia la política : activismo o apatía El paro entre los jóvenes Su sociedad ideal Study of set text or film.	Movimientos populares La efectividad de las manifestaciones y las huelgas El poder de los sindicatos Ejemplos de protestas sociales (eg El 15-M, las madres de la Plaza de Mayo) Monarquías y dictaduras La dictadura de Franco La evolución de la monarquía en España Dictadores latinoamericanos	Revision of year 1 work Essay writing Supporting students in independent research Further work on year 2 work Essay writing Supporting students in independent research Intensive practice of skills for exam and assessment: speaking with stimulus card independent research outcomes Intensive practice of essay-writing skills.	

<b>Creative and Expressive Arts</b>	<b>Drama</b>	Devising component 1 Exam component Rehearsal schedule/written evaluation.	Exam component 1 assessed. Component 2. Preparation for Text in Performance.	Component 2. Text in Performance. Live theatre evaluation.	Component 2 assessed. Component 3. Theatre makers in practice.	Component 3. Written exam (2hrs 30mins)		
	<b>PE</b>	Fluid Mechanics and projectile motion. Memory models. Ethics and Deviance in Sport Integrate some recap of year 12 work.	Sports Psychology. Commercialisation of sport. Integrate some recap of year 12 work.	Injury prevention and the rehabilitation of injury. Routes to sporting excellence Integrate some recap of year 12 work.	Energy for Exercise Revision of all aspects of the course. Modern Technology Integrate some recap of year 12 work.	Revision and exam practice and Preparation.		
	<b>BTEC Sport and Exercise Science</b>	NA For 2017						
	<b>BTEC Music</b>	Mixing and Mastering Techniques (Internal) Music Investigation (Internal) Music Technology and Musicianship (Internal) Creative Synthesis and Sampling (Internal) Remixing and Reworking (Internal)						
	<b>Music</b>	Composition One Completion. Set Work Analysis.  The set works change each year (as syllabus).  Performing. Finish and record free composition. Preparatory work for composition to a brief assessing technique. Popular Music and Jazz wider listening. Revision of areas of study from Year One. Performing. Preparatory work for composition to a brief assessing technique. Fusions set works and wider listening.	Composition Two Completion. Set Work Analysis. Recital recording.  Performing. Preparatory work for composition to a brief assessing technique. New Directions set works and wider listening. Performing. Preparatory work for composition to a brief assessing technique. Revision of all areas of study.	Exam Preparation. Listening Tests. Technical studies. Extended essay writing.  Record performance. Complete and record composition to a brief assessing technique. Revision of all areas of study. Examination.				

	<b>Art</b>	Personal investigation in the form of portfolio development and outcomes. Students complete essay to complement practical work.	Personal investigation continued.	Externally set assignment is issued to begin prep work.	Preparation continues and timed test of 15 hours is undertaken as final exam for A-Level qualification.	Coursework is finalised.	
	<b>Design Technology</b>	Unit 4 1 Research and Analysis 2 Product Specification  3 Design and Development a. Design b. Review c. Develop d. Communicate	UNIT 4 3 Design and Development a. Design b. Review c. Develop d. Communicate  4. Planning 5. Making 6. Testing & evaluating	UNIT 3 Industrial and commercial practice  Systems and control	UNIT 3 Design in context  Sustainability	Exam Preparation	
	<b>Photography</b>	Personal investigation developed from individual themes to produce portfolio of personal work		Exam paper is issued from 1 <sup>st</sup> of Feb for students to begin portfolio development in preparation for final 15 hour exam.	15 hour exam is due to be held in April/May after the Easter break.	Students refine coursework portfolios and work to induct new year 12 students. Portfolio skills for interview at university.	

<b>Social Sciences</b>	<b>Philosophy and Ethics</b>	Religious Experience Unit 2, Determinism and Free Will Unit 1, Religious Language Unit 1	Determinism and Free Unit 2, Religious Practices that Shape Identity Unit 2, Religious Language Unit 2	Significant social and historical developments in religious thought Unit 1, Deontological Ethics Unit 2	Significant social and historical developments in religious thought Unit 2, Religious Figures and Sacred Texts Unit 2	Revision/Exam Preparation	
	<b>Sociology</b>	<p>4.3 Consensus and Conflict Theories of crime and deviance. Key thinkers. Concepts, case studies, contemporary examples. Critical criminology and L/R Realists</p> <p>4.3 Research Methods.</p> <p>4.1.3 Sociological Theories; Functionalism and New Right, Marxism and Neo Marxism, New Left. Feminism. Social Action, Symbolic Interactionism, Ethnomethodology and Phenomenology.</p> <p>4.2.1 Re cap Culture and Identity</p> <p>4.1.2 Methods in Context</p>	<p>4.3.1 Crime, deviance and social control. Social distribution by ethnicity, gender and social class. Recent patterns and trends.</p> <p>Criminology Conference.</p> <p>4.3 Research Methods. Revision and exam practise.</p> <p>4.2.7 Post Modernism, late modernism and late capitalism. Ownership and Control. New Media, globalisation and popular culture.</p> <p>4.2.1Recap; Culture and Identity.</p> <p>4.1.2 Methods in Context.</p>	<p>4.3.1 Globalisation contemporary society. Media and crime. Green crime. Human Rights, State crimes. Case studies, examples.</p> <p>4.3 Research Methods. Revision and exam practise.</p> <p>4.2.7 Media; Selection and presentation of the news. Violence and the media. Representations of age, social class, ethnicity, gender, sexuality and disability.</p> <p>News Editing workshop.</p> <p>4.1.3 Theory and Methods</p>	<p>4.3.1 Crime control the surveillance society, prevention and punishment. The role of the criminal justice system and other agencies.</p> <p>4.3 Research methods. Revision and exam practise.</p> <p>4.2.7 The relationship between the media, their content and presentation and audiences.</p> <p>4.1.3 Theory and Methods.</p> <p>4.2.7 Revision Media.</p> <p>Revision Workshops.</p>	<p>Revision and exam preparation; -</p> <p>4.1 Education with Theory and Methods</p> <p>4.1.1 Education Workshops.</p> <p>4.3 Crime and Deviance with Theory and Methods</p> <p>4.3.1 Crime and Deviance Revision and exam preparation; -</p> <p>4.1.2 Methods in Context.</p> <p>4.1.3 Theory and Methods in Context.</p> <p>4.2.1 Culture and Identity.</p> <p>4.2.7 The Media.</p>	



	<b>Business Studies</b>	3.7 Analysing the external environment; social and technological, competitive and environmental 3.7 Analysing the internal position; financial ratio analysis, overall performance	3.7 Analysing the external environment; political and legal change, economic change	3.10 Managing strategic change 3.7 Investment appraisal	3.10 Managing strategic change 3.8 Choosing strategic direction	Revision and exam preparation	
	<b>Psychology</b>	Revision of Yr1 and Issues and Debates	Research Methods and Relationships	Research Methods and Eating Behaviour	Research Methods and Forensic Psychology	Revision	
	<b>Economics</b>	Labour markets. Banking and regulation.	Distribution of income and wealth. Financial markets and monetary policy.	Market failure and government intervention. Fiscal and supply side policies.	Market failure and government intervention. International economics	Revision and exam preparation	
	<b>Health and Social Care</b>	Unit 2: Equality, Diversity and Rights in Health and Social Care	Unit 10: Nutrition for Health				
		Unit 13: Sexual Health, Reproduction and Early Development Stages.			Unit 10: Nutrition for Health		