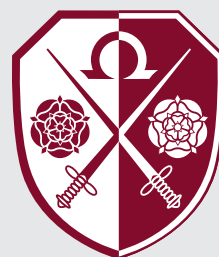


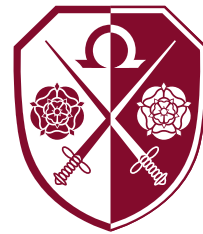
**EAST
BARNET
SCHOOL**



"I want to learn"

Year 12 Curriculum Booklet

Key Stage 5



SUBJECT OVERVIEW

ART AT KEY STAGE 5

The 'A' Level course is over the duration of two academic years. Students will explore a variety of disciplines including painting and drawing; printmaking; ceramics; sculpture; mixed media and lens-based media. At the start of the course we promote a wide range of recording skills followed by a variety of experimentation. Students experience a range of classroom activities. Structured whole group exercises develop skills in drawing, painting and critical appreciation. The course also teaches students to work in a more independent fashion, developing their own ideas and experimenting with different styles and techniques.

BUSINESS STUDIES AT KEY STAGE 5

We offer a GCE in 'A' Level Business Studies and students follow the AQA specification. There are clear links to the GCSE (KS4) specification in terms of assessment criteria and previous knowledge, but this is not a pre-requisite for the subject. We cover a range of functional areas in Business Studies and this is focused on Marketing, Finance, Management and Operational decisions. In class, we will develop critical and reflective thinking skills. Students will be encouraged to use the theories and models to both structure model examination style questions. Other aspects of focus during the year is the interrelated nature of business activities and how they affect competitiveness, the competitive environment and the markets in which businesses operate, the influences on functional decisions and plans including ethical and environmental issues.

CAMBRIDGE TECHNICAL BUSINESS LEVEL 3 DIPLOMA AT KEY STAGE 5

Our Cambridge Technicals Diploma gives the student the assurance that they have the right qualifications to support a lifelong learning journey. The content is designed to be exciting and engaging, fit for purpose and suitable for the needs of our students. The Diploma is designed to meet the changing needs of the business sector and to prepare our students for the challenges they'll face in Higher Education or employment. Through deepening their analysis and research skills, students will explore ways in which businesses respond to changes in their economic, social and technological environment; and gain an appreciation of the influence different stakeholders can have upon a business. The Business Diploma focuses on a Marketing Pathway. Expertise from businesses such as BT and Alton Towers have been integrated both traditional and new marketing techniques. The aim is to prepare students not only for academia but to take up employment in roles such as Marketing Administrator, Digital Marketer or Public Relations.

COMPUTER SCIENCE AT KEY STAGE 5

By the end of Key Stage 5, students will have extended knowledge about technologies used in industry such as network configuration, internet subnet masking, RFID tagging, printing devices and multithreading computer systems. Students will be able to design, develop and test software for the real world using the most up to date principles such as artificial intelligence and incorporate a range of concepts such as projectile motions and Dijkstra's algorithm. This curriculum also contains a unit which teaches students how to analyse exiting software products and further develop them as business and user needs grow.

CREATIVE DIGITAL MEDIA PRODUCTIONS AT KEY STAGE 5

The qualification provides a coherent introduction to the study of creative digital media production. By the end of KS5 learners will have developed an understanding of the media industry through analysing media representations in film, tv, publishing and the interactive sector. This will ask learners to explore how meaning, messages and values are constructed through formal and stylistic elements. Students will also have experience pitching and producing their own media projects. Gaining an understanding of the requirements of the planning stage, from finance and logistics to regulations. Before learning the creative production processes for their chosen sector. The course is a great starting point for anyone interested in the media industry, allowing them to pursue a wide range of courses or careers.

DESIGN AND TECHNOLOGY (D&T): PRODUCT DESIGN AT KEY STAGE 5

This exciting course allows students to build upon skills learnt at KS4 in either D&T or Engineering GCSE. It has a common core with D&T: Fashion and textiles and Design Engineering which includes: identifying requirements, learning from existing products and practices, implications of wider issues, design thinking and communication, material considerations and technical understanding, manufacturing processes and techniques, viability of design solutions and health and safety. Students will develop and learn knowledge and skills through small projects, theory lessons, product analysis and they will undertake an NEA (coursework) which will last approximately a year and will involve students researching a problem and designing and making a solution for it.

DESIGN AND TECHNOLOGY: FASHION & TEXTILES AT KEY STAGE 5

This exciting course allows students to build upon skills learnt at KS4 in D&T GCSE. It has a common core with D&T: Product Design and Design Engineering which includes: identifying requirements, learning from existing products and practices, implications of wider issues, design thinking and communication, material considerations and technical understanding, manufacturing processes and techniques, viability of design solutions and health and safety. Students will develop and learn knowledge and skills through small projects, theory lessons, product analysis and they will undertake an NEA (coursework) which will last approximately a year and will involve students researching a problem and designing and making a solution for it.

DESIGN AND TECHNOLOGY: ENGINEERING DESIGN AT KEY STAGE 5

This exciting course allows students to build upon skills learnt at KS4 in either D&T or Engineering GCSE. It has a common core with D&T: Fashion and textiles and Product which includes: identifying requirements, learning from existing products and practices, implications of wider issues, design thinking and communication, material considerations and technical understanding, manufacturing processes and techniques, viability of design solutions and health and safety. Students will develop and learn knowledge and skills through small projects, theory lessons, product analysis and they will undertake an NEA (coursework) which will last approximately a year and will involve students researching a problem and designing and making a solution for it.

DRAMA AT KEY STAGE 5

Students follow the AQA 'A' Level specification. Skills and knowledge gained in GCSE are developed further with specific focus given to the work of influential theatre practitioners including components 1 to 3, Drama & Theatre (exam), Creating Original Drama and Making Theatre. Social / historical / political context is given greater emphasis, performance / design skills are developed significantly in order to empower students to create practical work that is culturally and socially engaging to an audience. Analysis and evaluation of their work and the work of others needs to be very high to ensure successful application in coursework and the final exam.

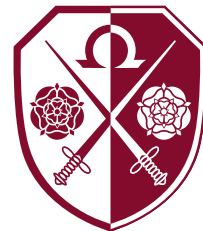
ECONOMICS AT KEY STAGE 5

In the first year of the Economics course, students will be introduced to microeconomic and macroeconomics. Microeconomics addresses issues such as: 'Why are house prices so high?', 'Can pollution effectively be controlled?' and 'When, how and why should governments interfere with markets?'. Macroeconomics issues include: 'Why does the Government have an inflation rate target and how does it affect us?', 'What happens to the economy if people decide to spend more?', 'How are we positively and negatively affected by the growth Chinese and Indian economies?' And 'What will Brexit mean for the UK, European and global economies, business and citizens?'. In the second year of the Economics course, students will develop a considerably more advanced understanding of microeconomic and macroeconomics concepts and theories, and learn to deeply analyse and evaluate the values and limitations of economic models. Students will explore these ideas with a more global context, which includes the impact of globalisation on UK economic performance; and how the interaction of firms in a market; the competing objectives of, and various influences on, economic factors can have implications for the efficiency and equity of markets and the global economy. We follow the GCE in 'A' Level Economics as set out in the Edexcel Specifications for Economics A.

ENGLISH LANGUAGE AT KEY STAGE 5

The 'A' Level in English Language is a stimulating and interesting course with analysis of a range of texts and language issues and debates being core. Students develop familiarity and competences with using frameworks for textual analysis to evaluate how meanings and representations are created. As well as this, students explore and evaluate key language topics. Year 12 topics include Language and Region, Language and Gender, Language and Social Groups and Language and Technology. This is developed upon in the second year of the course where students study Child Language Acquisition, Language Change and English as a Global Language. The course is assessed at the end of the two-year course (with internal assessment at the end of Year 12) and there are two final examinations. The Non-Examination Assessment (NEA) is worth 20% of the overall award. Students follow the AQA GCE qualification.

Key Stage 5



SUBJECT OVERVIEW

continued

ENGLISH LITERATURE AT KEY STAGE 5

The 'A' Level in English Literature exposes students to a wide range of thought-provoking and challenging texts that are chosen by skilled and experienced teachers. Students study a range of earlier and more modern texts, these include: a Shakespeare play, Romantic Movement poetry, two novels, *Wuthering Heights* by Emily Brontë and *A Thousand Splendid Suns* by Khaled Hosseini, and modern poetry, with the contemporary Forward Book of Modern Poetry being one of the set texts. The course builds on the skills developed at GCSE level. The course is assessed at the end of the two-year course (with internal assessment at the end of Year 12) and there are three final examinations. The Non-Examination Assessment (NEA) is worth 20% of the overall award. Students follow the Edexcel GCE qualification.

GEOGRAPHY AT KEY STAGE 5

At KS5 we offer a GCE in 'A' Level Geography; students study the AQA 'A' Level specification. This has clear links to the GCSE specification in terms of assessment objectives and knowledge. The topics selected (e.g. Hazards and coasts) build upon knowledge students have gained at KS3 and developed at KS4. The AQA specification includes human and physical units and a Non-Examined Assessment (NEA) where students complete an individual geographical investigation which requires them to devise a question, collect data in the field and analyse their work. This is a culmination of all the skills and fieldwork elements learnt throughout they key stages.

HISTORY AT KEY STAGE 5

History at KS5 is designed to extend and build upon the learning at KS4, and to develop and embed further the skills and processes begun lower down the school. Our aim is for students to develop a greater sense of independence within high challenge, high support classrooms that places student progress at the heart of learning. Ultimately it is our objective to ensure students have the skills and knowledge required for progression to further study, hopefully in our subject area. We aim to develop effective and independent learners, and as critical and reflective thinkers with curious and enquiring minds. We want our students to leave with the ability to ask relevant and significant questions and have acquired an understanding of the nature of historical study as well as an understanding of historical terms, concepts and skills. We also pride ourselves on inspiring students to develop a love of History and work hard to equip students with the ability to think critically, to write academically and to develop reasoned and analytical arguments. The key stage is well planned and well-resourced and students benefit from a good degree of organisation. Students follow a course thoughtfully designed to maximise attainment with more accessible courses delivered at Year 12 and with copious revision time planned for in Year 13. Students are set regular exam practice and a particular strength of the course is the focus on, and success in, helping students learn how to write in an academic fashion.

MATHEMATICS AT KEY STAGE 5

Any student who has followed the higher course at GCSE and gained grade 9 - 6 may begin the 'A' Level course in Year 12. Some students struggle significantly and may require 2 years to complete the AS in Mathematics. Further Mathematics requires minimum grade 8 at GCSE. 'A' Level Mathematics students study pure mathematics, mechanics and statistics. *Pure Mathematics* develops the topics met at GCSE - Algebra, Trigonometry, Geometry, Calculus as well as introducing new topics such as exponentials and logarithms. Pure mathematics develops algebraic and geometrical reasoning, which underpins mechanics and statistics. *Applied Mathematics* includes Mechanics which looks at the application of mathematics to problems involving mechanical quantities such as force, velocity, acceleration and momentum. Whilst *Statistics* looks at the application of Mathematics to the analysis and representation of data and probability. Through the study of applied mathematics, students will learn how to model real-life situations in mathematical terms, how models are refined and how to identify limitations within this process.

FURTHER MATHEMATICS AT KEY STAGE 5

At KS5 we offer an 'A' Level in Further Mathematics and students study the Edexcel 'A' Level specification. Further Mathematics has 2 options to go with the Pure Mathematics. We study Decision Maths and Mechanics as the optional elements. Decision Maths is a new area of mathematics for students to study. Mechanics requires students to develop many of the concepts from 'A' Level Mathematics and take them to a deeper level of understanding and application. The pure element of the 'A' Level blends new areas of study with developing concepts from the Mathematics 'A' Level.

MODERN FOREIGN LANGUAGES (MFL) AT KEY STAGE 5

To continue their MFL studies at KS5, a student needs to record a grade of 6 or higher at GCSE. An MFL 'A' Level builds on the knowledge of vocabulary and grammar that students have developed during KS4. Students move beyond talking about themselves and their direct experience of the world to cover more global topics, such as immigration and politics. They deepen considerably their knowledge of the cultures in the countries where the language is spoken. They also have to read at least one work of literature.

PHOTOGRAPHY AT KEY STAGE 5

In 'A' Level Photography, our students learn a variety of skills and techniques during their two-year course. We have an extensive range of resources that help students to communicate their ideas in response to the requirements of the specification and help develop their knowledge and understanding of this subject. Students are assessed after each major board hand in. Each lesson is designed to maximise their progress in the darkroom, on Photoshop, experimental techniques or presenting work. Over the course of the first year, students gain experience with how to use primary and secondary research as inspiration to produce a thoughtful response to their brief. The second year builds on these skills and requires students to choose their own topic in which they produce an in-depth study of. This allows them to develop their own photographic style and showcase their work at their own Photography Exhibition at the school. Photography seeks to create a culture of high expectations where staff help students prepare themselves for a lifetime of visual imagery and photo-editing. Students will also be given the opportunity to work with film cameras, video, 3D works, laser cutters and many more techniques which helps students to express themselves and gain confidence whilst improving their expertise in Photography.

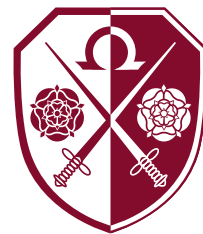
PHYSICAL EDUCATION (PE) AT KEY STAGE 5

Physical Education 'A' Level allows students to study this subject in an academic setting, enabling them to critically analyse and evaluate their physical performance and apply their experience of a practical activity in developing their knowledge and understanding of the subject. An 'A' Level in Physical Education will equip learners with both a depth and breadth of knowledge, understanding and skills relating to scientific, socio-cultural and practical aspects of physical education. Topics covered include: physiological factors affecting performance, psychological factors affecting performance and socio-cultural issues in physical activity and sport. The assessment overview consists of 70% theory covered over three papers and 30% allocated to performance in Physical Education.

POLITICS AT KEY STAGE 5

Politics will appeal to those who have an interest in current affairs and the changing political landscape in the 21st century. Studying Politics offers the opportunity to engage in contemporary political debates, develop knowledge and understanding of current issues of political or constitutional importance. Having acquired a structured foundation of political knowledge the course goes on to develop a deeper understanding of the ideas, processes and relationships that shape the evolution of political systems and the lives of citizens. Politics in the UK is studied in the context of the EU and the wider world. The first year course introduces the subject through the study of core UK political procedures and institutions. These include democracy and political participation, party policies and ideas, elections and pressure groups. Also, political processes around key institutions such as the Prime Minister and Cabinet, Parliament, the Constitution and judges and civil liberties. The second year follows the Global Politics route. This explores global governance and key political issues such as national sovereignty, war, poverty, the environment and human rights in the global context. It also entails developing knowledge of the nature of, and theories of, international relations.

Key Stage 5



SUBJECT OVERVIEW

continued

PSYCHOLOGY AT KEY STAGE 5

Psychology is the scientific study of the mind and behaviour. Psychology is a very exciting subject because it takes students to the leading edge of modern research developments. It investigates many interesting questions: How did the Holocaust happen? What is the difference between 'normal' and 'abnormal' people? Why do some people develop eating disorders? The study of Psychology requires flexibility and the ability to explore doubt and uncertainty. Psychology develops independence of mind and by developing a whole range of academic skills, prepares students for the transition to higher education. Psychology makes connections between different academic subjects. It teaches very valuable skills such as how to analyse research evidence with a critical eye, develop clear writing skills and discuss and debate complex psychological ideas. The subject involves designing scientific research models, interpreting, analysing and evaluating data. Studying will share ideas and work in a team with others. To enjoy Psychology, students must be flexible and be prepared to tolerate doubt and uncertainty. Psychology develops independence of mind and prepares students for the transition to higher education.

RELIGIOUS EDUCATION (RE) AT KEY STAGE 5

This course is an exciting opportunity for a fresh start in a challenging and stimulating subject area. This 'A' Level will give you the opportunity to develop knowledge and understanding of some key questions of life. A range of issues will be examined from a variety of points of view. You will develop skills of interpretation, evaluation, analysis and self-expression. It is both intellectually challenging and enjoyable, especially if you value the chance to debate controversial issues.

SOCIOLOGY AT KEY STAGE 5

Sociology explores human interactions and relationships in the context of modern changing societies. An evidence-based discipline, Sociology aims to provide answers to questions about how members of society think, feel and how human behaviour and actions are influenced by the groups to which we belong. Sociology looks at power structures in society and explores the extent to which groups such as women and men, ethnic minorities and people from different social class backgrounds have different experiences, ideas or lifestyles. Students of Sociology, will develop critical and reflective thinking skills. Students will learn the skills of sociological investigation involved in quantitative and qualitative research enquiry. Students will, throughout, use the conceptual frameworks of both structural and agency theoretical and philosophical models.

SCIENCE AT KEY STAGE 5

Students are able to study Biology, Chemistry and/ or 'A' Level Biology. To achieve the full 'A' Level all of the content from Years 12 and 13 will be assessed at the end of the second year. To breakdown the content, the courses allow the students to follow the Year 13 programme of study, where students will sit 3 terminal examinations to gain their 'A' Level qualification. In addition to learning the content, students will be required to complete 12 core practicals. The core practicals cover a range of investigative topics and develop the student's laboratory skills as well as their ability to manipulate, analyse and evaluate data.

ADDITIONAL COURSES

EXTENDED PROJECT AT KEY STAGE 5

At Key Stage 5 we offer an Edexcel Level 3 Project Qualification, Extended Project. Designed to develop learners' critical, reflective, problem-solving and independent learning skills, the Extended Project supports students with the transition to higher education or the world of work. Students are encouraged to choose topics for which they have a passion and complete either; a 6,000 word dissertation, design, make and evaluation an artefact or devise a performance. This qualification is internally standardised and then moderated by the exam board.

THE BRIDGING COURSE AT KEY STAGE 5

This is a full-time one-year course suitable for students who wish to gain entry to a Level 3 course at school or college the following year. In addition, students will have an opportunity to study for the GCSE Maths and English course (unless Level 4 has already been achieved). Students will follow two vocational courses leading to a Level 2 Diploma: Creative Media and Business.

GCSE ENGLISH RESIT AT KEY STAGE 5

This course aims to improve the grades of those students who did not attain at least a level '4' in the summer examination. Students will focus on developing key skills; the exam will be retaken in November. Students will revise key topics and develop exam skills. These will include responding to a range of fiction and non-fiction texts from different time periods. Students will also need to practise their own writing, adapting it for different audiences, purposes and forms.

GCSE MATHEMATICS RESIT AT KEY STAGE 5

All students that do not achieve at least a level '4' at GCSE will continue to study Mathematics in the Sixth Form. Opportunities for GCSE retakes take place in both November and June. Decisions about the November entry will depend on the previous grade achieved.



Year 12: Autumn 1 - Until October Half Term



SUBJECT	UNIT OF WORK	ASSESSMENT
ART	Still Life Oil Painting. Portraits/Figure Drawing.	KS5 Assessment and Feedback Matrix based on the Edexcel 'A' Level Fine Art Marking Matrix.
BUSINESS STUDIES	<p>Introduction to Business and Objectives - Different forms of business, Issues in understanding forms of business, What managers do, Management and leadership styles, Stakeholders</p> <p>Marketing - Marketing and Decision Making, Marketing and Competitiveness, Setting marketing objectives, Understanding markets, Market research, interpreting marketing data, Elasticity of demand, Market Data and Analysis, Segmentation, targeting and positioning, Niche and mass marketing,</p> <p>Decision Making - decision trees, opportunity costs, operational objectives, Efficiency and labour productivity, lean production, Capacity utilisation, Technology, Quality, Supply chain management.</p> <p>Finance - Sources of Finance and Break-Even Analysis.</p>	<p>Essay 10 - 12 Marks on topics covered.</p> <p>Essay 10 - 12 Mark essay on topics covered.</p> <p>End of section mock examination.</p>
CAMBRIDGE TECHNICAL BUSINESS	<p>Unit 1 - The Business Environment</p> <p>Unit 2 - Working In Business</p>	<p>Internal tests, Mock exam and OCR</p> <p>External exams - January</p>
COMPUTER SCIENCE	<p>Lesson 1 - What are data types? (P)</p> <p>Lesson 2 - Natural and integer numbers?</p> <p>Lesson 3 - Number systems</p> <p>Lesson 4 - Nested ifs and switch statements (P)</p> <p>Lesson 5 - Iteration (P)</p> <p>Lesson 6 - What is an algorithm (P)</p> <p>Lesson 7 - Subroutines (P)</p> <p>Lesson 8 - Queues (not circular)</p> <p>Lesson 9 - How to calculate with different number system</p> <p>Lesson 10 - What floating point binary numbers?</p> <p>Lesson 11 - Fetch, decode and execute (Stored program concept Von Neumann)</p> <p>Lesson 12 - Harvard vs Von Neumann /Factors affecting performance</p> <ul style="list-style-type: none"> • multiple cores • cache memory • clock speed • word length • address bus width • data bus width. <p>Lesson 13 - Exception handling (P)</p> <p>Lesson 14 - Binary vs linear algorithms</p> <p>Lesson 15 - Access modifier Java (P)</p> <p>Boolean operators</p>	<p>Lesson application and demonstration; book look; end of unit exam.</p>
CREATIVE DIGITAL MEDIA	<p>Unit 1: Stuart Hall's Theory of Representation, stereotyping, Theories of Dyer and Medhurst, audience profiling, narratives, Hypodermic Needle Theory, Mulvey Gaze Theory, Hall's Construction Theory.</p>	<p>External - Onscreen examination.</p>
D&T: PRODUCT DESIGN	<p>Exploring multi materials through a key fob project. Tea light lamp shade project - designing through modelling. Theory of materials and manufacturing.</p>	<p>Mini projects.</p>
D&T: FASHION & TEXTILES	<p>Designers and design movements theory. Focussed making task – bum bag. Theory of materials and manufacturing.</p>	<p>Mini projects.</p>

SUBJECT	UNIT OF WORK	ASSESSMENT
D&T: ENGINEERING DESIGN	Theory: analyse existing products; demonstrate applied mathematical skills; demonstrate technical knowledge of materials, product functionality, manufacturing processes and techniques; demonstrate understanding of wider social, moral and environmental issues that impact on the design and manufacturing industries. Trial NEA: apply knowledge, understanding and skills of designing and manufacturing prototypes and products; demonstrate higher thinking skills to solve problems and evaluate situations and suitability of design solutions.	
DRAMA	Component 1 Text: Jerusalem / Antigone. Component 3: Extract 1.	Practice exam questions. Written coursework: Extract 1.
ECONOMICS	Economics as a social science, positive and normative economic statements, The economic problem, production possibility frontiers, specialisation and division of labour, demand and supply, price determination. Macroeconomic objectives (economic growth, inflation and balance of payments).	Microeconomics essay 10 marks. Microeconomics - mini mock 40 marks. Macroeconomic topic test. Macroeconomics 20 mark essay.
ENGLISH LANGUAGE	Introduction to Language Levels. Language and Region.	Textual Analysis - meanings and representations. Essays and Individual Presentations.
ENGLISH LITERATURE	Prose Comparison. <i>Wuthering Heights / A Thousand Splendid Suns.</i>	Critical textual analysis.
FRENCH	Week 1 & 2: Intensive grammar revision. TOPIC AREA Aspects of French-speaking society: current trends 1. La famille en voie de changement 2. La cyber-société	Grammar test.
GEOGRAPHY	Coasts and Hazards.	Mid-unit assessment Coasts. Mid-unit assessment Hazards.
GERMAN	Chapter 1: Familie im Wandel. Chapter 2: Die digitale Welt.	Grammar
HISTORY	1F: In Search of the American Dream: The USA, c. 1917-1996 The Changing Political Environment 1917-80 2F: South Africa, 1948–94: from apartheid state to 'rainbow nation' Background The response to apartheid, c1948–59	'A' Level exam style essay.
MATHEMATICS	Pure Chapter 1: Algebraic expressions Pure Chapter 2: Quadratic functions Pure Chapter 3: Equations, Inequalities Pure Chapter 5: Straight line graphs Pure Chapter 6: Circles	End of chapter skills and application tests.
FURTHER MATHEMATICS	Momentum and Impulse Algorithms Complex Numbers Argand Diagrams	Skills test and exam questions for each topic area.
PHOTOGRAPHY	Myself Project.	Photograms board and book hand in.
PHYSICAL EDUCATION	<ul style="list-style-type: none"> Skeletal and muscular systems 1.1 Biomechanical principles (Newtons laws, force and the use of technology) 3.1 Classification of skills 4.1 Types and methods of practice 4.2 Emergence and evolution of modern sport 6.1 	End of month written test.
POLITICS	Introduction to politics and government. Democracy. Political Parties.	Timed End of Topic test / essay.

SUBJECT	UNIT OF WORK	ASSESSMENT
PSYCHOLOGY	Research methods.	End of unit assessment.
RELIGIOUS EDUCATION	1. Philosophy of Religion Theme 1 Arguments for existence of God 2. Inductive & Religion and Ethics Theme 1 Ethical thought A-C 3. Islam - Religious Figures and sacred Texts & - A-C	End of unit examination, 1 Hour.
SOCIOLOGY	Basic concepts - Sociological theoretical perspectives Families & Households.	
SCIENCE: BIOLOGY	Biological molecules. Cell structure. Transport across membranes.	End of topic tests and teacher assessment.
SCIENCE: CHEMISTRY	C1 Atomic Structure C3 Bonding	C1 end of chapter test and continuous teacher assessment. C3 end of chapter test and continuous teacher assessment.
SCIENCE: PHYSICS	P1 Matter and radiation. P2 Quarks and Leptons. P12 Electricity and DC Circuits. Uncertainties and Practical Skills (U&PS).	End of chapter tests for P1, P2, P12 and U&PS; and continuous teacher assessment.
SPANISH	Teacher 1: Theme 1 Aspects of Hispanic-speaking society: current trends. Unit 1 Los valores tradicionales y modernos. Teacher 2: Theme 1 Aspects of Hispanic-speaking society: current trends Unit 2 El ciberespacio.	
EXTENDED PROJECT	Research Skills.	
THE BRIDGING COURSE (BUSINESS)	Unit 3 – Financial Forecasting for businesses Unit 4 – People in Organisations	Unit 3 – summative assessments, Q&A, Coursework – internal assessment and feedback
THE BRIDGING COURSE (CREATIVE MEDIA)	C1 Learning Outcome A: Investigate media products, audiences and purpose. C1 Learning Outcome B: Explore how media products are created to provide meaning and engage audiences.	Mock Essay Mock Essay



Year 12: Autumn 2 - Until Christmas Holiday



SUBJECT	UNIT OF WORK	ASSESSMENT
ART	Still Life Oil Painting. Portraits/Figure Drawing.	KS5 Assessment and Feedback Matrix based on the Edexcel 'A' Level Fine Art Marking Matrix.
BUSINESS STUDIES	<p>Introduction to Business and Objectives - Different forms of business, Issues in understanding forms of business, What managers do, Management and leadership styles, Stakeholders</p> <p>Marketing - Marketing and Decision Making, Marketing and Competitiveness, Setting marketing objectives, Understanding markets, Market research, interpreting marketing data, Elasticity of demand, Market Data and Analysis, Segmentation, targeting and positioning, Niche and mass marketing,</p> <p>Decision Making - decision trees, opportunity costs, operational objectives, Efficiency and labour productivity, lean production, Capacity utilisation, Technology, Quality, Supply chain management.</p> <p>Finance - Sources of Finance and Break-Even Analysis.</p>	<p>20 Mark Essay on topic covered.</p> <p>20 mark essay on topics covered.</p> <p>End of Section Examination.</p>
CAMBRIDGE TECHNICAL BUSINESS	<p>Unit 1 - The Business Environment</p> <p>Unit 2 - Working In Business</p>	Internal tests, Mock exam and OCR External exams - January
COMPUTER SCIENCE	<p>Lesson 1 - Encryption</p> <p>Lesson 2 - Finite State Machine</p> <p>Lesson 3 - Java Programming (inheritance) (P)</p> <p>Lesson 4 - Inheritance overriding (P)</p> <p>Lesson 5 - Polymorphism (P)</p> <p>Lesson 6 - DeMorgan part 1</p> <p>Lesson 7 - DeMorgan part 2</p> <p>Lesson 8 - Arrays single and Multi-dimensional arrays (P)</p> <p>Lesson 9 - Erroneous data transmission</p> <p>Lesson 10 - Rasta vs Vector graphic</p> <p>Lesson 11 - Research Ascii vs Unicode</p> <p>Lesson 12 - Lossless RLE compression (P)</p> <p>Lesson 13 - Analogue vs digital</p> <p>Lesson 14 - Decomposition, functional and procedural abstraction</p>	Lesson application and demonstration; book look; mock 7516 exam.
CREATIVE DIGITAL MEDIA	Unit 1: Mise en Scene, semiotics and media language, codes and conventions, transitions and camerawork, magazine theory - layout, annotation and connotation.	External - onscreen examination.
D&T: PRODUCT DESIGN	Manufacturing processes - practical applications. Ring project - learning 3D printing. Theory of materials and manufacturing.	Mini projects.
D&T: FASHION & TEXTILES	<p>Pattern manipulation and theory – top.</p> <p>History of fashion.</p> <p>Drawing and designing skills including CAD.</p>	Mini projects.
D&T: ENGINEERING DESIGN	<p>Theory: What considerations need to be made about the structural integrity of a design solution? How do mechanisms provide functionality to products and systems? What forces need consideration to ensure structural and mechanical efficiency? How can electronic systems offer functionality to design solutions? How can programmable devices and smart technologies provide functionality in system design?</p> <p>Trial NEA: Final Assessment for this trial unit will be in the form of a completed CAD drawing accompanying sketchwork and working drawings with a fully functioning 3d prototype that incorporates additive manufacturing.</p>	
DRAMA	<p>Component 1 Text: Jerusalem / Antigone.</p> <p>Component 3: Extract 1.</p>	<p>Practice exam questions.</p> <p>Written coursework: Extract 1.</p>

SUBJECT	UNIT OF WORK	ASSESSMENT
ECONOMICS	Demand elasticities, elasticity of supply, consumer and producer surplus, market failure (positive and negative externalities). Employment, other macroeconomic objectives and characteristics of AD.	Microeconomics - 15 mark examination question. Microeconomics mini mock 40 marks. Macroeconomics 20 mark essay.
ENGLISH LANGUAGE	Language and Social Groups. Language and Gender.	Essays. Creative Writing: Opinion articles.
ENGLISH LITERATURE	Prose Comparison. <i>Wuthering Heights / A Thousand Splendid Suns.</i>	Comparative Essays.
FRENCH	TOPIC AREA Aspects of French-speaking society: current trends Finishing Units 1 & 2, including introduction of new grammar. 3. Le rôle du bénévolat TOPIC AREA Artistic culture in the French-speaking world 4. Une culture fière de son patrimoine	End of unit 1 and 2 assessments (Listening & Writing; Reading & Writing; Speaking - stimulus card section of the exam).
GEOGRAPHY	Coasts and Hazards.	End of unit assessment Coasts. End of unit assessment Hazards.
GERMAN	Chapter 3: Jugendkultur - Mode, Musik und Fernsehen.	Speaking photo cards
HISTORY	1F: In Search of the American Dream: The USA, c. 1917-1996 The Quest for Civil Rights 1917-80 2F: South Africa, 1948–94: from apartheid state to ‘rainbow nation’ The response to apartheid, c1948–59	‘A’ Level exam style essay - timed.
MATHEMATICS	Pure Chapter 4: Graphs and Transformation Pure Chapter 7: Algebraic methods Pure Chapter 8: The binomial expansion Pure Chapter 9; Trigonometric ratios and graphs Pure Chapter 10: Trigonometric identities and equations Pure Chapter 11: Vectors Pure Chapter 12: Differentiation	End of chapters skills and application tests.
FURTHER MATHEMATICS	Work, Energy and Power Graphs and Networks Series Roots of Polynomials	Skills test and exam questions for each topic area
PHOTOGRAPHY	Portraiture.	Portraiture board and book hand in.
PHYSICAL EDUCATION	<ul style="list-style-type: none"> Cardiovascular system 1.2 Biomechanical principles (Stability and lever systems) 3.2 Transfer of skills 4.3 Learning theories 4.4 Sport in the 21st century 6.2 	End of month written test.
POLITICS	Elections and Referendums. Voting behaviour and the media.	(AS) Mock exam, Paper 1.
PSYCHOLOGY	Memory. Social Influence.	Memory: End of unit assessment; 2 x in class timed exam question. Social Influence: End of unit assessment; 2 x in class timed exam question.
RELIGIOUS EDUCATION	1. Philosophy of Religion Theme 2: Challenges to religious belief - The problem of Evil and suffering 2. Religion and Ethics Theme 2 Deontological Ethics A-C 3. Islam - Religious Concepts A-C	End of unit examination, 1 Hour.
SOCIOLOGY	Families & Households. Sociology of Education - Sociological Methods.	Mock exam (AS) Paper 2.

SUBJECT	UNIT OF WORK	ASSESSMENT
SCIENCE: BIOLOGY	Nucleic acids. Cell recognition and the immune system.	End of topic tests and teacher assessment.
SCIENCE: CHEMISTRY	C2 Amount of substance. C5 Kinetics. C11 Introduction to organic chemistry.	C2 end of chapter test and continuous teacher assessment. C5 end of chapter test and continuous teacher assessment. C11 end of chapter test and continuous teacher assessment.
SCIENCE: PHYSICS	P3 Quantum phenomena. P6 Forces in equilibrium. P11 Materials.	End of chapter test for P3, P6 and P11 and continuous teacher assessment.
SPANISH	Completion of Unit 1 and Unit 2 Teacher 1: Theme 2 Artistic culture in the Hispanic world Unit 4 La influencia de los ídolos Teacher 2 :Theme 1 Aspects of Hispanic-speaking society: current trends Unit 3: La igualdad de los sexos	Unit 1 Assessment in listening, reading and translation. Unit 2 Assessment in listening, reading and translation.
EXTENDED PROJECT	Research Skills & Group Project.	Group project Assessment.
THE BRIDGING COURSE (BUSINESS)	Unit 2 – Business Organisations Unit 9 – Personal Selling	Unit 2 - summative assessments, Q&A, Coursework – internal assessment and feedback
THE BRIDGING COURSE (CREATIVE MEDIA)	C1 Learning Outcome A & B: Review of both outcomes including practical workshops where production techniques are practiced.	Teacher Observations and Written Essay.



Year 12: Spring 1 - Until February Half Term



SUBJECT	UNIT OF WORK	ASSESSMENT
ART	Chosen Theme: Nature and Time; Love and War; Order and Disorder; Gods and Humanity.	KS5 Assessment and Feedback Matrix based on the Edexcel 'A' Level Fine Art Marking Matrix.
BUSINESS STUDIES	Marketing Mix 7Ps, product life cycle and product portfolio, pricing decisions, place and promotion decisions, integrating the marketing mix. Human resource objectives, motivation in theory, motivation in practice, organisational design, human resource flow, employer-employee relations, human resource data, decision making and improved H.R. performance. Finance - Cash flow management, budgeting and profit analysis.	10 - 12 mark essay on topics covered. 16 - 20 mark essay on topics covered. 16 - 20 mark essay on topics covered.
CAMBRIDGE TECHNICAL BUSINESS	Unit 4 - Customers and Communication Unit 16 - Principles of project management Unit 5 - Marketing and Market Research	Continuous assessment via coursework. Meeting deadlines.
COMPUTER SCIENCE	Lesson 1 - Small program practise (P) 7516 section B Lesson 2 - Small program practise (P)7516 section B Lesson 3 - How can we instruct the processor Lesson 4 - How do interrupts work Lesson 5 - Process management Lesson String handling and built in methods Lesson 6 - Operating systems and scheduling operations Lesson 7 - Small program practise (P) Lesson 8 - Trace tables Lesson 9 - Small program Lesson 10 - RFID and laser printers Lesson 11 - What are MIDI devices? Lesson 12 - Pre-liminary material (P) Lesson 13 - Pre-liminary materials (P)	Lesson application and demonstration; book look; end of unit exam.
CREATIVE DIGITAL MEDIA	Unit 4: What is a pitch and treatment (narratives, synopsis, storylines and loglines). Pre-production portfolio.	Internal - coursework.
D&T: PRODUCT DESIGN	Drawing skills. Desk lamp project - applying theory, drawing skills, modelling and CAD to lead to a practical outcome. Theory of materials and manufacturing.	Mini projects.
D&T: FASHION & TEXTILES	Theory of materials and manufacturing to create structure. Tea light lamp shade project – designing through modelling.	Mini projects.
D&T: ENGINEERING DESIGN	Theory (Engineering Mathematics Theory): Newton's laws of motion, Hooke's law, Ohm's law as appropriate to the design product. NEA (Iterative Design Project): analysis of design contexts; research into design needs; identification of essential stakeholders.	End of unit test. NEA - Coursework 50% of total 'A' Level mark.
DRAMA	Component 1 Text: Jerusalem / Antigone. Component 1: Response to Live Theatre.	Practice exam questions.
ECONOMICS	Market Failure (public goods and information gaps), Government Intervention. Aggregate supply, circular flow of income and trade cycle.	Microeconomics 20 mark essay. Macroeconomics 20 mark essay. Macroeconomics mock exam - faculty based. Research task - demand side responses to financial crisis and the great depression.
ENGLISH LANGUAGE	Language and Power / Occupation. Language and Gender.	Essays. Original Writing.
ENGLISH LITERATURE	Modern Poetry. Romantic Poetry.	Critical textual analysis. Essays.

SUBJECT	UNIT OF WORK	ASSESSMENT
FRENCH	<p>TOPIC AREA Aspects of French-speaking society: current trends Finishing Unit 3, including introduction of new grammar</p> <p>TOPIC AREA Artistic culture in the French-speaking world Finishing Unit 4, including introduction of new grammar</p>	<p>End of unit 3 assessment (Listening & Writing; Reading & Writing; Speaking - stimulus card section of the exam).</p> <p>End of unit 4 assessment (Listening & Writing; Reading & Writing; Speaking - stimulus card section of the exam).</p>
GEOGRAPHY	Contemporary urban environments and changing places.	<p>Mid-unit assessment CUE.</p> <p>Mid-unit assessment CP.</p>
GERMAN	Chapter 4: Feste und Traditionen.	Reading and listening.
HISTORY	<p>1F: In Search of the American Dream: The USA, c. 1917-1996 Society and culture in change 1917-80</p> <p>2F: South Africa, 1948–94: from apartheid state to ‘rainbow nation’ Radicalisation of resistance and the consolidation of National Party power, 1960–68</p>	‘A’ Level exam style essay.
MATHEMATICS	<p>Pure Chapter 13: Integration Pure Chapter 14: Exponentials and Logarithms</p> <p>Start statistics and mechanics Statistics: Chapter 1-Data Collection Statistics: Chapter 2-Measures of location and spread</p> <p>Mechanics: Chapter 8-Modelling in mechanics Mechanics: Chapter 9-Constant acceleration</p>	<p>End of chapters skills and application tests.</p> <p>Chapter assessments for each statistics and mechanics chapters.</p>
FURTHER MATHEMATICS	<p>Elastic Strings and Springs Algorithms on Graphs Volumes of Revolution Matrices</p>	Skills test and exam questions for each topic area.
PHOTOGRAPHY	Landscapes	Landscapes board and book hand in.
PHYSICAL EDUCATION	<ul style="list-style-type: none"> Respiratory system 1.2 Diet and nutrition and their effect on performance 2.1 Stages of learning, guidance and feedback 4.5 Global sporting events 6.3 	End of month written test.
POLITICS	<p>Constitution. Parliament.</p>	Timed end of topic test / essay.
PSYCHOLOGY	<p>Attachment. Biopsychology. Approaches in Psychology.</p>	<p>Attachment: End of unit assessment; 2 x in class timed exam question. Approaches in Psychology and Biopsychology: End of unit assessment; 2 x in class timed exam question.</p>
RELIGIOUS EDUCATION	<ol style="list-style-type: none"> Philosophy of Religion Theme 3 Religious Experience A-C Religion and Ethics Theme 3 Teleological Ethics A-C Islam - Religious Life; A-C 	End of Unit examination, 1 hour.
SOCIOLOGY	Sociology of Education - Sociological Methods.	
SCIENCE: BIOLOGY	<p>Exchange. DNA, genes and protein synthesis.</p>	End of topic tests and teacher assessment.

SUBJECT	UNIT OF WORK	ASSESSMENT
SCIENCE: CHEMISTRY	C4 Energetics C6 Chemical equilibria C12 Alkanes C13 Halogenoalkanes	C4 end of chapter test and continuous teacher assessment. C6 end of chapter test and continuous teacher assessment. C12 end of chapter test and continuous teacher assessment. C13 end of chapter test and continuous teacher assessment.
SCIENCE: PHYSICS	P4 Waves. P5 Optics. P6 Forces in equilibrium (continued). P7 Kinematics (On the move). P8 Newton's Laws of Motion .	End of chapter test for P4, P6 and P7, and continuous teacher assessment.
SPANISH	Completion of Unit 3 and Unit 4 Teacher 1: Theme 2 Artistic culture in the Hispanic world Unit 6 El patrimonio cultural Teacher 2: Theme 1 Aspects of Hispanic-speaking society: current trends Unit 5: La identidad regional en España	Unit 4 Assessment in listening, reading and translation. Unit 3 Assessment in listening, reading and translation.
EXTENDED PROJECT	Project Proposal Forms.	
THE BRIDGING COURSE (BUSINESS)	Unit 9 – Personal Selling Unit 2 – Business Organisations Unit 5 - The Marketing Plan Unit 1 – Business Purposes	Unit 1 - summative assessments, Q&A, Coursework – internal assessment and feedback. <i>Unit 5, Unit 9, Unit 2 and Unit 1 will have a combination of learning.</i>
THE BRIDGING COURSE (CREATIVE MEDIA)	C2 Learning Outcome A: Develop media production skills and techniques. C2 Learning Outcome B: Apply Media Production Skills and techniques.	Teacher observations, practical work.



Year 12: Spring 2 - Until Easter Holidays



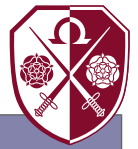
SUBJECT	UNIT OF WORK	ASSESSMENT
ART	Chosen Theme: Nature and Time; Love and War; Order and Disorder; Gods and Humanity.	KS5 Assessment and Feedback Matrix based on the Edexcel 'A' Level Fine Art Marking Matrix.
BUSINESS STUDIES	Marketing Mix 7Ps, product life cycle and product portfolio, pricing decisions, place and promotion decisions, integrating the marketing mix. Human resource objectives, motivation in theory, motivation in practice, organisational design, human resource flow, employer-employee relations, human resource data, decision making and improved H.R. performance. Finance - Cash flow management, budgeting and profit analysis.	10 - 12 mark essay on topics covered. 16 - 20 mark essay on topics covered. 16 - 20 mark essay on topics covered.
CAMBRIDGE TECHNICAL BUSINESS	Unit 4 - Customers and Communication	Continuous assessment via coursework. Meeting deadlines.
COMPUTER SCIENCE	The internet Subnet mask Lesson 1 - Programming paradigms Lesson 2 - What are different LANs (A level) Lesson 2 - How do we monitor wireless communications Lesson 4 - What are dictionaries Lesson 5 - Secondary storage devices (Research lesson) Lesson 6 - Pre-liminary material Lesson 7 - Pre-liminary material Lesson 8 - Pre-liminary material • hard disk • optical disk • solid-state disk (SSD) Lesson 9 - Internal hardware components: processor • main memory • address bus • data bus • control bus • I/O controllers. Lesson 10 - Translators (Assemblers, Compilers, Interpreters) Lesson 12 - Systems vs Application software	Mock examination 7516
CREATIVE DIGITAL MEDIA	Unit 4: scripts, shot list, diegetic and non-diegetic, characterisation and storyboards.	Internal - coursework.
D&T: PRODUCT DESIGN	Start NEA (coursework). Includes identifying possible problem areas, primary users and stakeholders. Theory of materials and manufacturing.	NEA
D&T: FASHION & TEXTILES	Start NEA (coursework). Includes identifying possible problem areas, primary user's and stakeholders. Theory of materials and manufacturing.	NEA Mini tests
D&T: ENGINEERING DESIGN	Theory (Preparation for Iterative design project NEA): Preparation for NEA - what is the NEA? How many marks is it worth? 50%. Practical (NEA - project work, research): analysis of design contexts; research into design needs; identification of essential stakeholders.	Exemplar material - preparation of PowerPoint, scatter chart of ideas.
DRAMA	Component 2: Devising.	Written coursework: Working Notebook.
ECONOMICS	Government Failure. Revision of Year 12 content covered. Demand side policies and supply side policies.	Microeconomics mini-mock class based. Macroeconomics class test.
ENGLISH LANGUAGE	Language and Technology. Language and Gender Representations.	Essays. Textual Analysis - meanings and representations.
ENGLISH LITERATURE	Modern Poetry. Romantic Poetry.	Critical textual analysis. Essays.

SUBJECT	UNIT OF WORK	ASSESSMENT
FRENCH	TOPIC AREA Aspects of French-speaking society: current trends 5. La musique francophone contemporaine, including introduction of new grammar 6. Le septième art, including introduction of new grammar	
GEOGRAPHY	Contemporary urban environments and changing places.	Mid-unit assessment CUE. Mid-unit assessment CP.
GERMAN	Chapter 5: Kunst und Architektur.	Translation / writing.
HISTORY	1F: In Search of the American Dream: The USA, c. 1917-1996 The changing quality of life, 1917-80 2F: South Africa, 1948–94: from apartheid state to ‘rainbow nation’ Redefining resistance and challenges to National Party power, 1968–83	‘A’ Level exam style essay - timed.
MATHEMATICS	Statistics: Chapter 3 - Representation of data Statistics: Chapter 4 - Correlation Statistics: Chapter 5 - Probability Mechanics: Chapter 9 - Constant acceleration (continued) Mechanics: Chapter 10 - Forces and motion	Chapter assessments for each statistics and mechanics chapters.
FURTHER MATHEMATICS	Elastics Collisions in one Dimension Route Inspection Linear Transformations	Skills test and exam questions for each topic area.
PHOTOGRAPHY	Experimentation.	Experimentation board and book hand in.
PHYSICAL EDUCATION	<ul style="list-style-type: none"> Preparation and training methods 2.2 Sports psychology - Individual differences 5.1 	End of month written test.
POLITICS	Prime Minister and Cabinet. Relations between the Branches.	Timed end of topic test / essay.
PSYCHOLOGY	Psychopathology. Research Methods.	Psychopathology: End of unit assessment; 2 x in class timed exam question.
RELIGIOUS EDUCATION	1. Philosophy of Religion Theme 4 Religious Language A-C 2. Religion and Ethics Theme 4 Determinism and Free Will A-C 3. Islam - Religious Practises that shape society	End of Unit examination, 1 hour.
SOCIOLOGY	Sociology of Education - Sociological Methods.	Mock exam (AS), Paper 2.
SCIENCE: BIOLOGY	Mass transport Genetic diversity	End of topic tests and teacher assessment.
SCIENCE: CHEMISTRY	C7 Oxidation, reduction and redox C9 Group 2, the Alkali Earth Metals C14 Alkenes C15 Alcohols	C7 end of chapter test and continuous teacher assessment. C9 end of chapter test and continuous teacher assessment. C14 end of chapter test and continuous teacher assessment. C15 end of chapter test and continuous teacher assessment.
SCIENCE: PHYSICS	P5 Optics (continued). P8 Newton’s Laws of Motion. P9 Force and Momentum.	End of chapter test for P5, P8 and P9, and continuous teacher assessment.
SPANISH	Completion of Unit 5 and Unit 6 Exam practice	
EXTENDED PROJECT	Introduction and Chapter 1: First Milestone.	Independent Feedback.
THE BRIDGING COURSE (BUSINESS)	Unit 5 – The Marketing Plan	Strategies via role play, presentation, the standard written work.

SUBJECT	UNIT OF WORK	ASSESSMENT
THE BRIDGING COURSE (CREATIVE MEDIA)	C2 Learning Outcome C: Apply Media Production Skills and techniques. C3 External exam preparation.	Teacher observations, practical work.



Year 12: Summer 1 - Until May Half Term



SUBJECT	UNIT OF WORK	ASSESSMENT
ART	Chosen Theme: Nature and Time; Love and War; Order and Disorder; Gods and Humanity.	KS5 Assessment and Feedback Matrix based on the Edexcel 'A' Level Fine Art Marking Matrix.
BUSINESS STUDIES	Year 13 content. Change Management - Section on the syllabus for Year 13 that will be covered in Year 12.	Mock examination based on Year 12 content. Paper 1 and Paper 2.
CAMBRIDGE TECHNICAL BUSINESS	Unit 16 - Principles of project management	Continuous assessment via coursework. Meeting deadlines.
COMPUTER SCIENCE	Preliminary material and Programming / recap on AS topics.	Project work.
CREATIVE DIGITAL MEDIA	Optional Unit: 10, 13, 14 - film production, digital games production and digital magazine production.	Internal - coursework.
D&T: PRODUCT DESIGN	NEA (coursework). Includes relevant primary and secondary research, key requirements and initial thoughts. Theory of wider issues.	NEA
D&T: FASHION & TEXTILES	NEA (coursework). Includes relevant primary and secondary research, key requirements and initial thoughts.	NEA Mini tests
D&T: ENGINEERING DESIGN	Theory (Engineering Coursework NEA): key Stakeholder requirements; research into design parameters.	NEA: Iterative Design Project - Coursework 50% of total 'A' Level mark.
DRAMA	Component 1: Revision. Component 2: Devising.	Practice exam questions Written coursework: Working Notebook.
ECONOMICS	Labour Market - Year 13 topic. International Economics - Year 13 topic.	Microeconomics Paper 1 full mock examination. Macroeconomics Paper 2 full mock examination,
ENGLISH LANGUAGE	Revision.	Internal 'AS' Level assessment. AQA 7702//1 Paper 1 and Paper 2.
ENGLISH LITERATURE	Drama. <i>King Lear / A Streetcar Named Desire.</i>	Critical textual analysis. Essays.
FRENCH	TOPIC AREA Aspects of French-speaking society: current trends Finishing Units 5 & 6.	End of unit 5 & 6 assessment (Listening & Writing; Reading & Writing; Speaking - stimulus card section of the exam).
GEOGRAPHY	Contemporary urban environments and changing places.	End of unit assessment CUE. End of unit assessment CP.
GERMAN	Chapter 6: Das Berliner Kulturleben damals und heute.	Speaking photo cards.
HISTORY	1F: In Search of the American Dream: The USA, c. 1917-1996 Review and revision 2F: South Africa, 1948–94: from apartheid state to 'rainbow nation' The end of apartheid and the creation of the 'rainbow nation', 1984–94	Essay planning and timed essay writing practice.
MATHEMATICS	Statistics: Chapter 6 - Statistical distribution. Statistics: Chapter 7 - Hypothesis testing. Mechanics: Chapter 11 - Variable acceleration.	Chapter assessments for each statistics and mechanics chapters.
FURTHER MATHEMATICS	Elastic Collisions in two Dimensions The Travelling Salesman Problem Proof by Induction Vectors	Skills test and exam questions for each topic area
PHOTOGRAPHY	Start of A2 (7206/C) - Landscape or Portraiture.	Research.

SUBJECT	UNIT OF WORK	ASSESSMENT
PHYSICAL EDUCATION	<ul style="list-style-type: none"> Preparation and training methods 2.2 Group and team dynamics and goal setting in sport 5.2 	End of month written test.
POLITICS	Relations between the Branches. Revision.	(AS) Mock exam 8PLO Papers 1 and 2.
PSYCHOLOGY	Research methods project.	In class presentation.
RELIGIOUS EDUCATION	Examination technique; revision and AS examination.	
SOCIOLOGY	Sociology of Education - Sociological Methods. Revision.	(AS) Mock exams 7191 – Papers 1 and 2.
SCIENCE: BIOLOGY	Biodiversity. Revision for mock exam.	Year 12 mock exam.
SCIENCE: CHEMISTRY	C10 Group 7, the Halogens. C16 Organic analysis. C8 Periodicity.	C10 end of chapter test and continuous teacher assessment. C16 end of chapter test and continuous teacher assessment. C8 end of chapter test and continuous teacher assessment.
SCIENCE: PHYSICS	P17 Motion in a circle. P18 Simple Harmonic Motion	End of chapter test for P17 and P18, and continuous teacher assessment.
SPANISH	Exams	Mock Exam in Listening reading and translation ('AS' Level exam paper will be used - which covers Year 1 of the course). Speaking exam.
EXTENDED PROJECT	Chapter 2: Second Milestone.	Independent Feedback.
THE BRIDGING COURSE (BUSINESS)	Unit 1 – Business Purposes	Strategies via role play, presentation, the standard written work showing knowledge, understanding and analysis of key concepts.
THE BRIDGING COURSE (CREATIVE MEDIA)	C3 External exam	BTEC External Assessment



Year 12: Summer 2 - Until Summer Holidays



SUBJECT	UNIT OF WORK	ASSESSMENT
ART	Chosen Theme: Nature and Time; Love and War; Order and Disorder; Gods and Humanity.	KS5 Assessment and Feedback Matrix based on the Edexcel 'A' Level Fine Art Marking Matrix.
BUSINESS STUDIES	Year 13 content. Change Management - Section on the syllabus for Year 13 that will be covered in Year 12.	25 mark essay for Summer Holiday based on change management.
CAMBRIDGE TECHNICAL BUSINESS	Unit 5 - Marketing and Market Research	Continuous assessment via coursework. Meeting deadlines.
COMPUTER SCIENCE	Databases and Java web-based apps.	Lesson application and demonstration; book look; end of unit exam.
CREATIVE DIGITAL MEDIA	Optional Unit: 10, 13,14 - film production, digital games production and digital magazine production.	Internal - coursework.
D&T: PRODUCT DESIGN	NEA (coursework). Includes relevant primary and secondary research, key requirements, initial thoughts and development. Theory of wider issues. Prep for Year 12 exam.	NEA. Year 12 exam.
D&T: FASHION & TEXTILES	NEA (coursework). Includes relevant primary and secondary research, key requirements, initial thoughts and development. Exam prep.	NEA Mock exam
D&T: ENGINEERING DESIGN	NEA: design ideas, development, modelling, CAD.	Stakeholder feedback.
DRAMA	Internal exams. Component 2: Devising.	Written coursework: Working Notebook. Practical Assessment.
ECONOMICS	Labour Market - Year 13 topic. International Economics - Year 13 topic.	Labour market 25 mark essay. Labour market 25 mark essay over summer holidays. International Economics research topic.
ENGLISH LANGUAGE	Introduction to Child Language Acquisition (Literacy). Mini Language Investigation (coursework preparation).	Children's Picture Books Project. Investigation into area of Language Use.
ENGLISH LITERATURE	Drama. Internal Assessment.	Internal 'AS' Level Assessment.
FRENCH	Revision. Introduction to 'A' Level literature text and film.	End of year exam (Listening & Writing; Reading & Writing; Speaking).
GEOGRAPHY	Fieldwork / NEA.	End of year exam (all units).
GERMAN	Start book.	Mock exams, all skills.
HISTORY	History Coursework Students complete an independently researched enquiry on historical interpretations (3000-4000 words) 2F: South Africa, 1948-94: from apartheid state to 'rainbow nation' The end of apartheid and the creation of the 'rainbow nation', 1984-94 Review and revision	Coursework proposal. Resource Record Sheet.
MATHEMATICS	Revision and Mock exams Start Year 13 work Chapter 1: Algebra and partial fractions Chapter 2: Functions and graphs.	Year 12 End of year exams. Paper 1: Pure paper. Paper 2: Statistics and mechanics.

SUBJECT	UNIT OF WORK	ASSESSMENT
FURTHER MATHEMATICS	Linear Programming Complex Numbers	Skills test and exam questions for each topic area. Year 12 Exam.
PHOTOGRAPHY	Start of A2 (7206/C) - Landscape or Portraiture.	Photoshoots relating to research.
PHYSICAL EDUCATION	<ul style="list-style-type: none"> Linear motion 3.1 Energy for exercise 1.1 Ethics and deviance on sport 6.1 	End of month written test.
POLITICS	Political ideas - Liberalism.	
PSYCHOLOGY	Issues and debates.	End of unit assessment.
RELIGIOUS EDUCATION	Recall of Autumn Term and students create their own revision guides for Year 1.	Mini assessments.
SOCIOLOGY	Beliefs in Society - Theories of Religion.	
SCIENCE: BIOLOGY	Populations in ecosystems. Ecology - Field trip preparation work.	Write up of field trip investigations.
SCIENCE: CHEMISTRY	Revision for Year 12. C17 Thermodynamics ('A' Level).	Year 12 mock exams. C17 end of chapter test and continuous teacher assessment.
SCIENCE: PHYSICS	P19 Thermal physics. P20 Gases.	End of chapter test for P19 and P20, and continuous teacher assessment.
SPANISH	Begin Year 2 of the 'A' Level course. Teacher 1: Begin the Topic of Film studies. Teacher 2: Theme 3 Multiculturalism in Hispanic society. Unit 1: La inmigración.	
EXTENDED PROJECT	Redrafting and target-setting for Summer.	Independent Feedback.
THE BRIDGING COURSE (BUSINESS)	Unit 5 – The Marketing Plan Unit 1 – Business Purposes	Strategies via role play, presentation, the standard written work showing knowledge, understanding and analysis of key concepts.
THE BRIDGING COURSE (CREATIVE MEDIA)		



Extended Learning

FOR EACH SUBJECT

SUBJECT	WEBSITES	READ	VISIT OR WATCH	EXTRA
ART	thiscolossal.com; artfund.org; artmonthly. co.uk; frieze.com/ magazine	Arts / culture in The Guardian; art / culture in The Independent; Art Blogs: ARTnews Magazine; Colossal.	Galleries, exhibition spaces, permanent exhibitions. Larger galleries and museum spaces, all with permanent exhibitions: The Tate Modern; The Tate Britain; The Victoria and Albert Museum; The Design Museum; The National Gallery; The National Portrait Gallery; The Royal Academy; The British Museum; The Hayward Gallery; Courtauld Gallery; The Wallace collection; The Barbican. Contemporary Art Galleries with changing exhibitions: The White Cube; The Saatchi Gallery; The Lisson Gallery; The Whitechapel Art Gallery; The Crafts Council Gallery; Cork Street Galleries; The ICA; Camden Arts Centre; Serpentine Gallery; The Photographers' Gallery; Frith Street Gallery; Gagosian Gallery; The Wellcome Institute.	Art Leadership
BUSINESS STUDIES	senecalearning.com; tutor2u.net.	<i>Business for AQA A Level Answer Guide</i> (Marcouse I. & Marcouse C.); <i>Standard Marcouse Answer Guide; Marketing, 3rd Edn</i> (Baines P. & Fill C.); <i>The Daily Drucker</i> (Drucker & Maciatello Butterworth); <i>The Business Book</i> (Ian Marcouse, Nigel Watson and others); <i>How to Start your own Business</i> (Ashton R.).	youtube.com/channel/UCE9uWsZ2C3NYzzKRlo_mntw	Leadership opportunities - Individual tutoring opportunities for the Sixth Form students. Visit to New York. Trip to Brussels.

SUBJECT	WEBSITES	READ	VISIT OR WATCH	EXTRA
CAMBRIDGE TECHNICAL BUSINESS	ocr.org.uk/qualifications/cambridge-technical/business/#level-3; bbc.co.uk/news/business; forbes.com; investopedia.com; bbc.co.uk/bitesize/levels/z6gw2hv	<i>The Economist</i> (EBS Library); <i>Cambridge Technicals Level 3 Business</i> (Tess Bayley, Karen Tullett, Leanna Oliver); <i>The Business Book: Big Ideas Simply Explained</i> (DK); <i>Profit First</i> (Mike Michalowiz); <i>Like a Virgin: Secrets They Won't Teach You at Business School</i> (Sir Richard Branson).	The news – download the BBC app and read the business section daily. Watch and follow upcoming entrepreneurs on YouTube, Instagram etc – use social media effectively to enhance learning.	Recommended – get part-time work; take part in a sport or volunteer at some organisation; find or work on a hobby (everything will relate to some aspect of business).
COMPUTER SCIENCE	eastbarnetschool.com/sites/EBSSharedResourcesComputing; StackOverflow.	<i>AQA AS and A Level Computer Science</i> (PM Heathcote and RSU Heathcote); <i>AQA A level Computer Science</i> (Bob Reeve).	youtube.com/watch?v=DoQV6wp35Gw - AQA Converting between binary, hex and decimal. youtube.com/watch?v=FNeaf1zm01g - AQA 'A' Level Regular expression. youtube.com/watch?v=qGfPe2g8VOs - Finite state machines. youtube.com/watch?v=yORSZkhNpZ4 - Types of programming languages.	Further maths activities.
CREATIVE DIGITAL MEDIA	YouTube: Media Studies - Bell Hooks' Theory - Simple Guide For Students & Teachers.	<i>Revise Creative Digital Media Productions Revision Guide</i>	Films for stereotyping: <i>Green Book</i> , <i>Mulan</i> .	
D&T: PRODUCT DESIGN	technologystudent.com; <i>How It's Made</i> YouTube channel.	<i>OCR Design and Technology for AS/A Level; My Revision Notes: OCR AS/A level Design and Technology: Product Design</i>	Science Museum; Design Museum; any technological events e.g. The Big Bang.	Lunchtime and after school clubs that support classwork. Robotics Club; F1 for Schools; CAD support at lunchtimes and after school.
D&T: FASHION & TEXTILES	YouTube (How It's Made); Technology Student.	<i>OCR Design & Technology for AS/A Level; My Revision Notes: OCR AS/A Level Design & Technology: Product Design</i>	The V&A; Textiles Museum; Design Museum; any technological events e.g. The Big Bang.	Lunchtime/after school clubs that support classwork. CAD support at lunchtimes and after school.

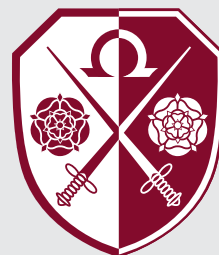
SUBJECT	WEBSITES	READ	VISIT OR WATCH	EXTRA
D&T: ENGINEERING DESIGN	ocr.org.uk/qualifications/as-and-a-level/design-and-technology-h004-h006-h404-h406-from-2017; hoddereducation.co.uk/media/Help_Files/417069_Ess_Math_Sk_DT_DE.pdf?ext=.pdf	<i>Essential Maths Skills for AS/A Level Design & Technology</i> (Peter Warne & Chris Walker); <i>OCR Design & Technology for AS/A Level</i> (Chris Walker, John Grundy, Sharon McCarthy, Jacki Piroddi).	How It's Made. How Do They Do That?	
DRAMA	aqa.org.uk/subjects/drama/a-level/drama-and-theatre-7262; YouTube.	<i>The Ferryman</i> by Jez Butterworth.	Visit a range of theatres: whatsonstage.com.	Leadership in Drama - helping in classes, running Year 7 Drama Club. School show. Cabaret evening.
ECONOMICS	econplusrdal.com; physicsmathstutor.com/economics-revision; tutor2u.net.	<i>Economics in One Lesson</i> (Henry Hazlitt); <i>What is Seen and What is Not Seen</i> , an essay (Frederic Bastiat); <i>The Undercover Economist</i> (Tim Harford); <i>Freakonomics</i> (Stev Steven D. Levitt, Stephen J. Dubner); <i>Too Big To Fail</i> (Andrew Ross Sorkin); <i>Dead Aid</i> (Dambisa Moyo); <i>Economics for Dummies</i> (Sean Masaki Flynn); <i>The Armchair Economist</i> (Landsburg); <i>Trouble with Markets</i> (Roger Bootle); <i>An introduction to economics in 5000 words and a bit</i> (keweipress.com)	econplusrdal.com	Economics Society run by the students for the students. Trip to New York. Possible trip to Brussels.
ENGLISH LANGUAGE	Specification: aqa.org.uk/subjects/english/as-and-a-level/english-language-7701-7702; app. senecalearning.com/sign-up - tailored to the AQA English A Level specification.	A/AS Level English Language for AQA (Marcello Giovanelli) - online access is provided to students; Emag: englishandmedia.co.uk - Login: EBSSStudent Password: EBSLibrary; Newspapers for Schools Login: library@eastbarnetschool.com Password: ebsstudent1	theguardian.com/media/mind-your-language; debuk.wordpress.com; englishlangsfx.blogspot.co.uk.	Sixth Form Leadership.

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ENGLISH LITERATURE	Specification: https://bit.ly/2B6pTLg ; app. senecalearning.com/sign-up - tailored to the edexcel A Level English Literature specification; bl.uk/discovering-literature	Wider reading of classic and contemporary literary texts, set texts, English Review Magazine - my.dynamic-learning.co.uk/MyDynamicLearning.aspx Username: library@eastbarnet.barnet.sch.uk Password: review Centre ID : 15022	Watch dramatic presentations of texts studied. Opportunities for theatre visits.	Sixth Form Leadership.
FRENCH	languagesonline.org.uk ; quizlet.com ; newsinslowfrench.com ; jour1actu.com	News in French - newspapers, magazines, podcasts, radio. French language music.	French language TV programmes; French language films.	Regularly practise spoken French with other people (native French speakers or your classmates/ friends/family who speak French) Visit a French-speaking country if possible.
GEOGRAPHY	BBC; Guardian; Seneca; Geographical Association; Institute of British Geographers; GeoReview (free on Kerboodle); GeoActive (free on Kerboodle).	The Economist, as directed by class teacher; The Guardian; The Independent.	Economist Podcast; Stratford (Olympic Park); Walton on the Naze; Your NEA location e.g. St Albans; Science Museum; Natural History Museum; Covent Garden Transport Museum.	Geography Leadership; Geography Documentary Club.
GERMAN	Deutsche Welle, Spiegel.	Russendisko / Vorleser / Zonenkinder	Goodbye Lenin, Lifes of others, Wir sind jung, wir sind stark, Barbara - YouTube for archive reporting on reunification.	Speaking timetabled with Language Assistant; Leadership supporting Year 11 for their speaking in particular.
HISTORY	qualifications.pearson.com/en/home.html ; bbc.co.uk/bitesize ; nationalarchives.gov.uk ; bbc.co.uk/history			Two students have the opportunity to take part in the 'Lessons from Auschwitz' project. Students are invited to attend the Holocaust Speaker event.
MATHEMATICS	examsolutions.net ; pearsonactivelearn.com ; vle.mathswatch.co.uk ; mathsgenie.co.uk	Textbooks used: <i>Edexcel AS and A level Mathematics Pure Year 1 and Statistics and Mechanics Year 1</i> Edexcel (pearson); Revision Guides and Practice books.	Video clips relevant to the topics from exam solutions and/or Mathswatch.	

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FURTHER MATHEMATICS	Mymaths.co.uk; examsolutions.net; Mrbartonmaths.com; Drfrostmaths.com.	The Music of Primes; Fermat's Last Theorem; The Man Who Knew Infinity; How to Think Like a Mathematician; Finding Moonshine: a mathematician's journey through symmetry.	Numberphile on YouTube; Eddie Woo on YouTube; Mindyourdecisions on YouTube.	
PHOTOGRAPHY	aqa.org.uk/subjects/art-and-design/as-and-a-level/art-and-design/subject-content/photography			Drone, Video, Stop Motion, 3D work, Modelling, Laser Cutting, 3D Printer, Lithophone, Film.
PHYSICAL EDUCATION	brianmac.co.uk; alevelpe.com; ocr.org.uk/qualifications/as-and-a-level/physical-education-h155-h555-from-2016; bbc.co.uk/sport	<i>OCR PE for A Level Year 1</i> (John Honeybourne & Sarah Powell); <i>OCR PE for A Level Year 2</i> (John Honeybourne & Sarah Powell); <i>My Revision Notes: OCR A Level PE</i> (Keri Moorhouse); <i>Physical Education Matters</i> Journal available in the Library.	<i>Remember The Titans</i> - about motivation and leadership; <i>Icarus</i> - deviance in sport and drug cheating; youtube.com/watch?v=yG7v4y_xwzQ (Ted talk); youtube.com/watch?v=TupaYScUUHM (Psychology of a winner).	barnetpartnershipforschoolsport.co.uk; School Clubs.
POLITICS	Edexcel new specification Politics - qualifications. pearson.com/en/qualifications/edexcel-a-levels/politics-2017.html; Financial Times - Website - (school subscription)	<i>UK Government and Politics</i> , Fifth edition (Neil McNaughton) (class textbook); <i>Politics ideas for A Level (Liberalism, Conservatism, Socialism, Nationalism, Multiculturalism, Ecologism)</i> (Richard Kelly et al).	News and current affairs; Financial Times - Website - (school subscription); Politics Review - (school subscription).	Trips (possible): - Parliament; Supreme Court.
PSYCHOLOGY	senecalearning.com; tutor2u.net/psychology/collections; www.aqa.org.uk/subjects/psychology/as-and-a-level/psychology-7181-7182; simplypsychology.org	<i>AQA Psychology for A Level Year 1</i> (Cara Flanagan); Illuminate Publishing Journals of key studies from the specification.	youtube.com/channel/UCe83jLdZ3PugVwAHe6B3U2A; Documentaries of case studies within the specification; Freud Museum, Finchley; University open lectures.	

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RELIGIOUS EDUCATION	eduqas.co.uk/qualifications/religious-studies/as-a-level; mcb.org.uk; resources.eduqas.co.uk/Pages/ResourceSingle.aspx?rId=1186; aboutislam.net/reading-islam/understanding-islam/who-are-the-quranists-why-do-they-reject-sunnah	<i>Understanding Islam the first Ten Steps</i> (C.T.R. Hewer); <i>WJEC/Eduqas Religious Studies for A Level, Year 1 - Islam</i> (Richard Gray); <i>An Introduction to Islam 2nd Edition</i> (David Waines).	ted.com/talks/lesley_hazleton_the_doubt_essential_to_faith	
SOCIOLOGY	AQA AS & A Level Sociology aqa.org.uk/subjects/sociology/as-and-a-level/sociology	<i>Sociology Book One</i> (Rob Webb et al) - course textbook.		
SCIENCE: BIOLOGY	kerboodle.com/users/login; alevelbiology.co.uk/revision; senecalearning.com	AQA A Level Biology textbook; New Scientist.	Epping Forest	
SCIENCE: CHEMISTRY	kerboodle.com; a-levelchemistry.co.uk; knockhardy.org.uk/sci.htm	AQA Chemistry A Level; The New Scientist; Chemistry World; Nature Chemistry.	The Wellcome building, Euston; The Natural History Museum; The Science Museum.	
SCIENCE: PHYSICS	kerboodle.com	<i>AQA Physics AS Level</i> (Jim Breithaupt)		
SPANISH	elpais.es; espanolextra; kerboodle.com; follow epiazza334 on Twitter.	Spanish newspapers; online articles relevant to the topics; text book articles; literature in Spanish.	Spanish films by the director Almodovar and others; Netflix for Spanish series.	Theatre trip; Study visit to Salamanca / Granada.
EXTENDED PROJECT	Future Learn; The British Library; Google Scholar; Core: Free online journals.	Subject specific reading.	Subject specific activities.	Subject specific activities.
THE BRIDGING COURSE (BUSINESS)	ocr.org.uk/qualifications/cambridge-technical/business-2012/	<i>BTEC Level 2 First Business Student Book</i>	YouTube: BBC Dragon's Den – Reggae Reggae Sauce; The Hippy Billionaire The Apprentice	Encourage volunteering at some establishment or finding part-time employment. Being involved in some sport or other hobbies.
THE BRIDGING COURSE (CREATIVE MEDIA)	studiobinder.com; bbfc.co.uk		Youtube: Studiobinder; Piximperfect; The Media Insider.	Media Club Thursday Lunch; Magazine Club Tuesday After School.

EAST BARNET SCHOOL



"I want to learn"

Headteacher

Ms L. Swaine BSc, MA, NPQH

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