



ETTONBURY
ACADEMY

Sixth Form

Subject Guide
2025

Subjects

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Entry Requirements

A Levels Entry Requirements	
Art	GCSE Art Grade 5
Biology	GCSE Science Grade 6 and GCSE Maths Grade 6
Business Studies	GCSE English Grade 5 and GCSE Maths Grade 5
Chemistry	GCSE Science Grade 6 and GCSE Maths Grade 6
Computer Science	GCSE Computer Science Grade 6 and GCSE Maths Grade 6
English Literature	GCSE English Language and Literature Grade 6
Geography	GCSE Geography Grade 5 and GCSE Maths Grade 5
French	GCSE French Grade 6
Further Maths	GCSE Maths Grade 7
History	GCSE History Grade 6 or GCSE English Language Grade 6
Maths	GCSE Maths Grade 6
Photography	GCSE Photography Grade 5
Psychology	GCSE English Language, Maths and Science Grade 5 . If studied, GCSE Psychology Grade 5
Physics	GCSE Science Grade 6 and GCSE Maths Grade 6
Product Design	Engineering Design Distinction
Sociology	GCSE Sociology Grade 6 or English Language Grade 6
BTECs Entry Requirements	
Forensic Science	GCSE Science Grade 5. GCSE Maths and English Grade 4
Health & Social Care	GCSE English, Maths and Science Grade 4.
Media	GCSE English Language Grade 5
Performing Arts	English Language/Literature grade 4. Level 2 qualification in a relevant subject within the Performing Arts or a related creative subject.
Sport	GCSE PE Grade 5 or BTEC Sports Level 2 Pass
Travel & Tourism	GCSE English and Maths Grade 4
Applied Diploma Entry Requirements	
Criminology	GCSE English Language Grade 5

We require all students to have achieved at least 5 GCSEs at Grade 4. If you do not achieve a Grade 4 in Maths or English, you will be required to retake these in Etonbury Sixth Form. Individual discussion can be had after results day if you do not meet the minimum requirements for the subjects above.

“There is no doubt that creativity is the most important human resource of all. Without creativity, there would be no progress, and we would be forever repeating the same patterns.”- Edward de Bono

A Level Art allows you to develop an exciting and extensive range of creative and technical skills. You will also gain a strong understanding of historic and contemporary visual art practice, through supporting contextual studies. Unique to studying Art at A Level, you build up a very personal and continually evolving body of practical work, guided and supported by your teachers. Individual exploration and development of your personal skills and creative directions is a special aspect of this subject.

Course Title	Eduqas A Level Art
What will I be learning?	This option covers a broad and developing area of study that includes painting, drawing, ceramics, sculpture, installation, conceptual art and aspects of printmaking and photography. It utilises traditional, new and emerging media and processes and involves expressive use of a particularly wide range of materials, techniques and skills. Reading about Art & Design in books as well as on the web and in magazines is an important part of the contextual studies which underlie the development of your practical skills. Artist research and visits to relevant exhibitions and galleries are all part of reviewing, analysing, and developing your personal interpretations.
How will I be assessed?	Component 1: Personal Investigation (60% of qualification) consists of two integrated constituent parts: 1. a major in-depth critical, practical and theoretical investigative project/portfolio 2. an extended written element of 1000 words minimum, which must clearly relate to practical and theoretical work Component 2: Externally Set Assignment (40% of qualification) The Externally Set Assignment will be set by WJEC, assessed by the teacher and externally moderated.
Independent study opportunities	Websites: https://www.studentartguide.com/ https://www.theartnewspaper.com/ https://www.artforum.com/ Galleries/Exhibitions: Tate Modern, Tate Britain, National Gallery, National Portrait Gallery, Saatchi Gallery, Victoria and Albert Museum, Royal Academy of Arts, The Barbican, Whitechapel Gallery Podcasts: ArtCurious, The Great Women Artists Podcast, Beyond the Studio
What resources will I need?	We will be putting together an A Level Equipment pack for students to purchase. This will be around £35 and at a discounted price
Will I go on any trips?	A study trip to Berlin
What careers could this lead to?	Advertising Art Director, Animator, Art Therapist, Ceramics Designer, Commercial Art Gallery Manager, Community Arts Worker, Concept Artist, Fine Artist, Glass Blower/Designer, Graphic Designer, Illustrator Printmaker
What grades will I need ?	GCSE Art Grade 5

“The biggest innovations of the 21st century will be at the intersection of biology and technology. A new era is beginning” - Steve Jobs

Biology is a fantastic subject to have, offering access to a huge variety of options from both university courses and careers. Enhance your knowledge of life and living organisms and gain a fascinating insight into evolution, gene expression and biological molecules. Whether you're interested in the biochemical workings of a cell, the physiology of the human body, or perhaps the stranger world of plants and extremophile organisms, A Level biology has something for you.

Course Title	OCRA Level Biology A
What will I be learning?	The specification is divided into topics where you will learn about the core concepts of biology and about the impact of biological research and how it links to everyday life. You will learn to apply your knowledge, investigate and solve problems in a range of contexts. Topics include foundations in biology, biodiversity, disease, genetics and many more. This A Level course builds on content covered at GCSE but delves into much greater detail and expands to a much wider context. Teaching of practical skills is integrated with the theoretical topics and assessed through written papers and the practical endorsement.
How will I be assessed?	Component 1 <i>Biological processes</i> assesses content from modules 1, 2, 3 and 5 (2 hour 15 minutes written paper. 37% of total A Level) Component 2 <i>Biological diversity</i> assesses content from modules 1, 2, 4 and 6 (2 hour 15 minutes written paper. 37% of total A Level) Component 3 <i>Unified biology</i> assesses content from all modules 1-6 (1 hour 30 minutes writing paper. 26% of total A Level) A Level Practical Endorsement in biology (04) (non exam assessment) Reported separately
Independent study opportunities	Website - https://www.rsb.org.uk/ The Royal Society of Biology. Website - www.staircase12.org (By University College, Oxford. It contains interviews and book reviews from current students) Book - “The Selfish Gene” - Richard Dawkins. Named the most influential science book of all time. A must read if you are interested in genetics and what makes us work.
What resources will I need?	A Level Biology for OCR A Student Book £40
Will I go on any trips?	Twilight tour of GlaxoSmithKline in Stevenage. A trip to a nature reserve to study Ecology. The AMGEN Biotechnology experience doing DNA gel electrophoresis and PCR using both the school's state-of-the-art equipment with loaned equipment and resources from the University of Hertfordshire
What careers could this lead to?	A Level Biology can lead to a wide range of career opportunities including: biological research, environmental, forensics, sports and medical. The transferable skills you will pick up on the course, such as problem solving, teamwork, planning and analysing, are also useful for many other areas, such as law.
What grades will I need ?	GCSE Science Grade 6 and GCSE Maths Grade 6

“The people who are crazy enough to think they can change the world are the ones who do” - Steve Jobs

Through Business Studies A Level, you'll engage with the world of business through the context of current business developments and real business situations. You'll learn how management, leadership and decision-making can improve performance in marketing, operational, financial and human resources. Much of the learning is based around business case studies and focusing on how students can use their business knowledge to determine the success of a business. The aim is to encourage students to develop a critical understanding of different businesses, the context in which they operate, the markets they serve, and ultimately recommend actions that businesses should take to be successful. Students will be expected to immerse themselves in a business-like mindset and to pay attention to the world around them.

Course Title	AQA A Level Business
What will I be learning?	What is business? Managers, leadership and decision making Decision making to improve marketing performance Decision making to improve operational performance Decision making to improve financial performance Decision making to improve human resource performance Analysing the strategic position of a business Choosing strategic direction Strategic methods: how to pursue strategies Managing strategic change
How will I be assessed?	Paper 1: Multiple choice, short answer and essay questions (2 hours, 33%) Paper 2: Three data response compulsory questions (2 hours, 33%) Paper 3: One compulsory case study followed by approximately six questions (2 hours, 33%).
Independent study opportunities	Website: Tutor2u Business https://www.tutor2u.net/business Videos: BizConSesh https://www.youtube.com/c/BizConSeshGCSEBusiness01/playlists?view=5o&sort=dd&shelf_id=10
What resources will I need?	Textbook: AQA Business for A Level by Ian Marcousé Revision guide: My Revision Notes: AQA A Level Business Paperback by Neil James Revise AQA A Level Business Revision Guide and Workbook by Pearson
Will I go on any trips?	Various encounters with local businesses
What careers could this lead to?	Studying Business opens up a vast amount of career opportunities in any of the four disciplines studied: Marketing, Operations, Finance and Human resources
What grades will I need?	GCSE English and Maths Grade 5

“Chemistry begins in the stars. The stars are the source of the chemical elements, which are the building blocks of matter and the core of our subject.” - Peter Atkins

Chemistry is a ‘link’ science which connects concepts across sciences such as Biology and Physics and can open the door to a range of careers, such as drug discovery, forensic toxicology and environmental analyst. With ever enhancing technologies and analytical techniques, Chemistry is a science which allows questions to be answered such as how a reaction starts and finishes and how we can make changes to benefit ourselves in the future. The skills developed in Chemistry are applicable in a range of careers, including planning and conducting experiments, collecting and analysing a range of quantitative and qualitative data and assessing risks.

Course Title	OCR A Level Chemistry A
What will I be learning?	The specification is divided into topics which includes Organic, Physical and Inorganic Chemistry, each covering different key concepts of Chemistry. The A Level course builds on content covered at GCSE including Alkanes and Alkenes, Testing for Ions and Energy Changes in reactions. Teaching of practical skills is integrated with the theoretical topics and they’re assessed both through written papers and the practical endorsement.
How will I be assessed?	<p>Component 1 <i>Periodic table, elements and physical chemistry</i> assesses content from modules 1, 2, 3 and 5 (2 hours 15 minutes written paper 37% of total A Level)</p> <p>Component 2 <i>Synthesis and analytical techniques</i> assesses content from modules 1, 2, 4 and 6 (2 hours 15 minutes written paper 37% of total A Level)</p> <p>Component 3 <i>Unified chemistry</i> assesses content from all modules 1-6 (70 marks 1 hour 30 minutes writing paper 26% of total)</p> <p>A Level Practical Endorsement in Chemistry (04) (non exam assessment) Reported separately</p>
Independent study opportunities	<p>Website - https://www.rsc.org/ - The Royal Society of Chemistry</p> <p>Book - “Why Chemical Reactions Happen” - By James Keeler and Peter Wothers</p>
What resources will I need?	A Level Chemistry for OCR A Student Book £40
Will I go on any trips?	Twilight tour of GlaxoSmithKline in Stevenage to specifically look at the use of Nuclear magnetic resonance (NMR) in the Pharmaceutical industry. The students will also take part in the Royal Society UK Chemistry Olympiad and the Cambridge Chemistry Challenge run by St Catherine's College, Cambridge University
What careers could this lead to?	A Level Chemistry could lead to numerous careers including drug discovery, forensic toxicologist, environmental analyst and researcher in a number of fields.
What grades will I need ?	GCSE Science Grade 6 and GCSE Maths Grade 6

Computer Science

“The computer was born to solve problems that did not exist before” - Bill Gates

Computer Science is one of the biggest industries in the world. We interact with computer systems everyday and their effect on our lives continues to grow. This course covers every major field in computer science, looking at the fundamentals of programming, functional programming, data representation, computer systems, networking, and databases as well as looking at the consequences of computing and big data

Course Title	AQA A Level Computer Science
What will I be learning?	The A Level builds on the programming skills developed in the GCSE course, as well as introducing object oriented programming. It will introduce more complex data structures such as stacks, queues, trees, graphs, hash tables, dictionaries, and vectors. You will develop your knowledge of abstraction, introduce finite state machines, understand Big-O notation and compare the efficiency of algorithms. You will learn how to represent negative numbers and fractions in binary and discuss data representation in much more detail. You will look deeper into systems architecture and explore networking and cyber security in much more detail. The A Level introduces functional programming and builds on your knowledge of databases. Finally we will look at the impact of big data and the consequences of computing. Students will develop bigger and more complex programs than in the GCSE, completing an on screen exam and a coursework project.
How will I be assessed?	Paper 1 - On-screen exam (2hr 30mins, 40% of A Level) Students answer a series of short questions and write/adapt/extend programs on a computer Paper 2 - Written exam (2hr 30mins, 40% of A Level) Students answer short-answer and extended-answer questions Non-exam assessment (20% of A Level) Students will create a programmed solution to a problem or investigation. 42 of the 75 available marks are allocated to the technical solution, the rest is for the documentation - analysis, design, testing, evaluation
Independent study opportunities	PG Online AQA A Level Computer Science https://www.pgonline.co.uk/resources/computer-science/a-level-aqa/
What resources will I need?	Access to a Windows PC or laptop at home on which they can work on their programming skills
What careers could this lead to?	Software developer, Cyber security analyst, Data analyst, Games developer, Systems analyst, Web developer.
What grades will I need ?	GCSE Computer Science Grade 6 & GCSE Maths Grade 6

“Every society has the criminals that it deserves.” Havelock Ellis

A truly multidisciplinary course, the diploma in criminology includes elements of psychology, sociology and law to understand crime in today’s society. You will learn how crime is defined, measured and perceived and how accurately it is represented in the media. You will also study the many reasons why people become criminals, and why the reasons vary according to the type of crime and the society they live in. You will use real crime case studies to follow the journey of a crime from detection through evidence gathering and forensics, interviews and documentation, right through to charging, trial and verdict. Finally you will look at the ways in which society tries to encourage its citizens to stay law-abiding, and how effective that is. It is an applied course, which means all learning is related to real-world situations, making it fascinating and very relevant to our world. Anyone who is interested in working within the criminal justice system or studying criminology or a related subject at university will find this course an excellent basis for their future study or work.

Course Title	Eduqas Level 3 Applied Diploma in Criminology
What will I be learning?	<p>Unit 1 Changing awareness of crime Which different types of crime are there and how are these perceived by society? Does media representation of crime match reality? How could you change the way crime is represented in the media? Why are some crimes not reported?</p> <p>Unit 2 Criminological theories Why might someone become a serial killer, or an abuser? Understanding psychological and sociological theories of why people might commit crime, and evaluating how useful these are to explain different types of criminal behaviour.</p> <p>Unit 3 Crime scene to courtroom How does the criminal justice system work? Which organisations are involved, how is evidence gathered, and what happens from the moment a crime has been identified to the final verdict?</p> <p>Unit 4 Crime and punishment How does society regulate law and order? This unit incorporates prior learning to explore how social institutions, using psychological and sociological theories, encourage law-abiding behaviour, and how effective these mechanisms are.</p>
How will I be assessed?	<p>Unit 1: 100% coursework 25%</p> <p>Unit 2: Written exam 90 minutes 25%</p> <p>Unit 3: 100% coursework 25%</p> <p>Unit 4: Written exam 90 minutes 25%</p>
Independent study opportunities	<p>Websites: The Court service www.courtservice.gov.uk, The criminal justice system www.criminal-justice-system.gov.uk, The Crown Prosecution Service www.cps.gov.uk</p> <p>Books: ‘The Secret Barrister - stories of the law and how it’s broken’; ‘Eve was Framed’ by Helena Kennedy, ‘Forensics - the anatomy of crime’ by Val McDermid</p> <p>Videos: Channel 5 “The world’s most luxurious prison” & “5 mistakes that caught a killer”, ITV “The real manhunt: The night stalker”</p> <p>Podcasts: “Serial” podcast series 1</p>
What resources will I need?	Criminology Book 1 and Criminology Book 2, both by Rob Webb and Annie Townend, approx £18 each
What careers could this lead to?	Learners gain the required understanding and skills to be able to consider employment within some aspects of the criminal justice system, e.g. the National Probation Service, the Courts and Tribunals Service or the National Offender Management Service
What grades will I need?	GCSE English Language Grade 5

English Literature

*“When I read great literature, great drama, speeches or sermons, I feel that the human mind has not achieved anything greater than the ability to share feelings and thoughts through language.”
-James Earl Jones.*

The written and spoken word is not only influenced by, but also shapes, humanity. Therefore, the study of English Literature encourages us to reflect on historical and social influences and inspires us to examine what it means to be human. Studying literature at A Level will expose you to new materials, different voices and original experiences far away from the confines of your day to day life. The texts you will study are underpinned by the belief that no text exists in isolation but is a product of the time in which it was produced. By undertaking an A Level in Literature, a world of inspiration and creativity will be opened up to you, in addition to developing skills in critical thinking, analysis and self expression. Perhaps most importantly, the study of English Literature is so valuable because it equips you with the experience necessary to take on tomorrow.

Course Title	AQA A Level English Literature A
What will I be learning?	<p>Love Through the Ages: Here you will study three texts through the lens of a central literary theme as seen over time: a selection of pre-1900 poetry and one prose text (The Great Gatsby) and one Shakespeare play (Othello). The exam will also include two unseen poems.</p> <p>Texts in Shared Contexts: Your second area of study will encourage you to engage with modern literature through a wide range of social, political, personal and literary issues which have helped to shape the latter half of the 20th century and the early decades of the 21st century. Along with an unseen extract in the exam, you will study The Handmaid’s Tale, A Streetcar Named Desire and Carol Ann Duffy’s poetry collection, Feminine Gospels.</p> <p>Non-exam assessment: Independent critical study: texts across time One extended essay (2,500 words) that is a comparative critical study of two texts, at least one of which must have been written pre-1900.</p>
How will I be assessed?	<p>Paper 1: Love through the Ages (3 hours, 40% of A Level) Paper 2: Texts in Shared Contexts (2 hours 30, 40% of A Level) Non Exam Assessment: Texts across time (20% of A Level)</p>
Independent study opportunities	<p>Podcasts: In Our Time, BBC Radio 4 Book Club, An Overview of Literature podcast Website: The British Library: Discovering Literature collection https://www.bl.uk/20th-century-literature Magazine: EMC</p>
What resources will I need?	Copies of the texts
Will I go on any trips?	Opportunities to watch productions of the plays studied across the course, including A Streetcar Named Desire and Othello.
What careers could this lead to?	Any job that involves communication: Journalism, Publishing, Media and Television, Education, Advertising and the legal profession. It is also well respected by universities and is part of the ‘facilitating subjects’ suggested by the Russell Group universities
What grades will I need ?	GCSE English Language and Literature Grade 6.

"Every contact leaves a trace" - Dr Edmond Locard

The field of analytical and forensic science is vast and is not just limited to crime scene investigation. Scientists use the same skills on a daily basis to attempt to solve current issues. The course is designed to give learners a detailed understanding of key scientific principles while developing the practical skills and knowledge used in the fields of analytical and forensic science. The course takes learners through a series of assignments and challenging investigations which utilise some of the techniques used by crime scene investigators and analytical and forensic scientists in the workplace including collecting evidence from crime scenes and analysis of evidence through chemical and biological testing. It encourages students to think outside the box and problem solve to form unbiased conclusions.

Course Title	BTEC Level 3 National Foundation Diploma in Forensic Investigation
What will I be learning?	<p>Principles and Applications of Science This unit covers some of the key science concepts in Biology, Chemistry and Physics</p> <p>Practical Scientific Procedures and Techniques Learners will be introduced to quantitative laboratory techniques, calibration, chromatography, calorimetry and laboratory safety, which are relevant to the chemical and life science industries</p> <p>Science Investigation Skills Learners will cover the stages involved and the skills needed in planning a scientific investigation: how to record, interpret, draw scientific conclusions and evaluate.</p> <p>Forensic Investigation Procedures in Practice Learners develop techniques in collecting, analysing and reporting chemical, physical and biological evidence during forensic investigations.</p> <p>Physiology of Human Body Systems Learners will focus on the physiological make up of three human body systems (musculoskeletal, lymphatic and digestive), how the systems function and what occurs during dysfunction.</p> <p>Environmental Forensics (Entomology) Learners study the use of environmental forensics in crime, covering the study of taphonomy and the main methods used in collecting and analysing entomological, soil, pollen and diatom evidence.</p>
How will I be assessed?	Units 1 Principles and Applications of Science and 3 Science Investigation Skills are externally assessed units (exams) and count towards 41% of the total qualification. All other units are a mixture of practical based work followed by scientific report writing (59%)
Independent study opportunities	<p>Magazines: New Scientist Magazine, The Journal of Forensic Sciences</p> <p>Podcast: Inside Forensic Science Podcast</p> <p>Videos: Forensics: The Real CSI - BBC series</p> <p>Books: Crime Scene Investigation - Simon Shawcross, Crime Scene Investigation: Methods And Procedures- Ian Pepper</p>
What resources will I need?	Lab coat
Will I go on any trips?	Visit to GlaxoSmithKline laboratories
What careers could this lead to?	Forensic Scientist or forensic Laboratory Assistant, providing impartial scientific evidence for courts.
What grades will I need ?	GCSE Science Grade 5. GCSE Maths & English Grade 4

For more information, please contact Mr Lowrie
wlowrie@bestacademies.org.uk

This is course will run in 2025, subject to government approval

Geography

“The study of Geography is about more than just memorising places on a map. It’s about understanding the complexity of our world, appreciating the diversity of cultures that exist across the continents, and in the end, it’s about using all that knowledge to help bridge divides and bring people together” - Barack Obama

There has never been a more important time to study Geography. We cover many of the ‘real world’ issues facing society today, such as climate change, migration and natural hazards. Geography helps you to make sense of the world around you. It’s hands on, relevant, and fun. Whatever your passion for the world – fascination with landscapes or concerns about sustainability – Geography will provide you with knowledge and transferable skills that will reward you personally and advance you professionally.

Course Title	AQA A Level Geography
What will I be learning?	<ul style="list-style-type: none"> • Water and Carbon Cycles • Coastal Systems and Landscapes • Hazards • Global Systems and Global Governance • Changing Places • Contemporary Urban Environments • Fieldwork • Independent Investigation
How will I be assessed?	<p>Paper 1: Physical Geography (Water and carbon cycles, Coastal systems and landscapes, Hazards) (Written exam: 2 hours 30 minutes, 40% of A Level)</p> <p>Paper 2: Human Geography (Global systems and global governance, Changing places, Contemporary urban environments) (Written exam: 2 hours 30 minutes, 40% of A Level)</p> <p>Non Examined Assessment: Geography Fieldwork Investigation Individual investigation including data collected in the field (3000-5000 words, 20% of A Level)</p>
Independent study opportunities	<p>Journals: Geography (GA publication), Geofiles (the geographer online), National Geographic</p> <p>Books: Prisoners of Geography, The Power of Geography (Tim Marshall)</p> <p>Podcasts: ‘Ask the Geographer’ (RGS), The Geographical Podcast</p> <p>Websites: Royal Geographical Society https://www.rgs.org/, Geographical Association https://www.geography.org.uk/</p>
What resources will I need?	<p>A/AS Level Geography for AQA Student Book (Cambridge University Press) - £35</p> <p>AQA A Level Geography Fourth Edition (Hodder Education) - £38</p>
Will I go on any trips?	Residential at Magdalen Farm in Somerset for the summer term of Year 12 in order to complete fieldwork element of the course
What careers could this lead to?	International Aid Worker, Coastal Engineer, Environmental Consultant, Meteorologist, Conservationist, Town Planner, Cartographer and Hydrologist.
What grades will I need ?	GCSE Geography Grade 5 and GCSE Maths Grade 5

“There is no greater joy nor greater reward than to make a fundamental difference in someone’s life.” – Mary Rose McGeady

The course supports any student who is interested in a career in health care or social care. It will provide a sound basis for a degree or career in nursing, midwifery, social work, physiotherapy, occupational therapy, pharmacy. The course also supports any career in childcare from teaching, nursery work, child psychology or social work. Combined with Biology or Psychology it could lead to a degree in nursing. With English or History it could lead to a degree in Primary Education or with Sport it could lead to a degree in Sport Science

Course Title	Health and Social Care Extended Certificate Pearson Level 3 - AAQ BTEC National
What will I be learning?	<p>Unit 1 - Human Lifespan and Development – Exam PIES and factors affecting growth and development, interventions and the different professionals providing care and treatment</p> <p>Unit 2 Human Biology and Health – Exam Human body structure and systems, normal physiological functioning and the impact of common disorders</p> <p>Unit 3 - Principles of Health and Social Care Practice – Internal coursework Core principles, values and legislation that underpin and influence health and social care, and the effect of social determinants on an individual health status</p> <p>Unit 5 - Promoting Health Education – Internal coursework Health education, its purpose and use of different approaches and models to achieve positive health outcomes</p>
How will I be assessed?	<p>50% Exam – 2 x 1 ½ hour exams Assessment is through a combination of short and long answer questions</p> <p>Unit 1 – Human Lifespan Development</p> <p>Unit 2 – Human Biology and Health</p>
Independent study opportunities	The news and newspapers are the best independent study opportunities as the HSC sector is a real and constantly evolving sector. Keeping abreast of national HSC government policy via the news and web sites will help inform work and assignments.
What resources will I need?	One textbook over the two years will cover the mandatory units
Will I go on any trips?	<p>Visits will be identified throughout the course to relevant health care, social care, childcare facilities</p> <p>Guest speakers who work in the HSC sector will invited into speak to students</p>
What careers could this lead to?	The health and social care sector employs over four million people across the UK and there are over 300 distinct career paths in the sector. This course is recognised by professional bodies such as British Association of Social Workers, NHS Trusts and Higher Education organisations.
What grades will I need ?	English and Maths Grade 4. GCSE grade 4 4 in science is required for Unit 2 Human Biology exam. Or grade 4 in biology (triple science)

“We are not makers of history. We are made by history.” - Martin Luther King Jr

Everything happening around us today has been influenced by and is a result of what has happened in the past. History can help us predict what could happen in the future. One of the most flexible of qualifications, history provides an excellent pathway to degrees such as History, Law, English and Philosophy, and beyond that to a range of interesting careers. Studying A Level History not only helps improve your knowledge of the past, but it also helps you gain transferable skills that are invaluable in many jobs, such as critical thinking, research, arguing a case and reaching conclusions. This course is a must for those with curious and enquiring minds who love History.

Course Title	Edexcel A Level History
What will I be learning?	<p>Democracies in change: Britain and the USA in the twentieth century</p> <ul style="list-style-type: none"> • Britain transformed, 1918–97 • The USA, 1955–92: conformity and challenge <p>The witch craze in Britain, Europe and North America, c1580–c1750</p> <p>Non Exam Assessment - Interpretations of the Holocaust</p>
How will I be assessed?	<p>Paper 1: Breadth study with interpretations- Britain transformed, 1918–97 (Written paper 2 hour 15 minutes, 30% of total A Level)</p> <p>Paper 2: Depth study- The USA, 1955–92: conformity and challenge (Written paper 1 hour 30 minutes, 20% of total A Level)</p> <p>Paper 3: Themes in breadth with aspects in depth- The witch craze in Britain, Europe and North America, c1580–c1750 (Written paper 2 hours 15 minutes, 30% of total A Level)</p> <p>Coursework: Interpretations of the Holocaust (3,000– 4,000 words, 20% of total A Level)</p>
Independent study opportunities	<p>TV via iplayer: Lucy Worsley Investigates - Witch Hunts, Thatcher and Reagan - a very special relationship, Mrs. America.</p> <p>Magazines: BBC History</p> <p>Podcasts: BBC In Our Time, Letters from America</p> <p>Online courses: OU Open Learn and Futurelearn courses</p>
What resources will I need?	<p>Edexcel AS/A Level History, Paper 1&2: Democracies in change: Britain and the USA in the 20th century Student Book + ActiveBook £30</p> <p>Edexcel A Level History, Paper 3: The witch craze in Britain, Europe and North America c1580–c1750 Student Book + ActiveBook £18</p>
Will I go on any trips?	Trip to USA
What careers could this lead to?	Journalist, Lawyer, Teaching, Civil Service, Archaeologist, Librarian, Political Analyst, Heritage Manager, Business Consultant and Historian. Many employers regard History as a valuable and challenging degree.
What grades will I need ?	GCSE History Grade 6 or GCSE English Language Grade 6

“Mathematics is the abstract key which turns the lock of the physical universe” - John Polkinghorne

Mathematics is seen everywhere; from the Golden Ratio helping shape many natural wonders, to helping to create the coding behind every application on your mobile phone. It has shaped the very foundations of what we know about the world today and continues to develop how we see the world in the future. Maths is the universal language that everyone follows.

One of the most beneficial parts about Maths is that it can open the doors to many different professions in the future. From finances to nursing, computing to chemists, nearly every career will use Maths in some way.

Course Title	Edexcel A Level Mathematics
What will I be learning?	<p>Pure Mathematics: Proof, Algebra and functions, Coordinate geometry in the (x, y) plane, Sequences and series, Trigonometry, Exponentials and logarithms, Differentiation, Integration, Numerical methods, Vectors</p> <p>Statistics: Statistical sampling, Data presentation and interpretation, Probability, Statistical distributions, Statistical hypothesis testing)</p> <p>Mechanics: Quantities and units in mechanics, Kinematics, Forces and Newton’s laws, Moments</p>
How will I be assessed?	<p>Paper 1 Pure Mathematics - 2 hours written exam Paper 2 Pure Mathematics - 2 hours written exam Paper 3 Statistics and Mechanics- 2 hours written exam</p> <p>100% exam based. Calculators allowed for all exams.</p>
Independent study opportunities	<p>Pearson Active Learn (online textbooks) https://www.pearsonactivelearn.com/app/home Dr Frost Maths (online notes) https://www.dr frostmaths.com/ Underground Maths (free online resources + challenges) https://undergroundmathematics.org/ Mathswatch for KS5 vle.mathswatch.co.uk Resourceaholic https://www.resourceaholic.com/</p>
What resources will I need?	Scientific calculator (preferred Casio fx991 - EX classwizz £30)
Will I go on any trips?	UKMT Senior Maths Challenge for year 12 and 13
What careers could this lead to?	Maths opens the doors for many different careers. Finance and banking uses a lot of the statistics side, whereas physicists will use the mechanics side of Maths. This course has been credited with improving students’ transferable skills such as their problem solving, critical thinking, adaptability and self-management/self-development which are highly sought after by employers
What grades will I need ?	GCSE Maths Grade 6

"You shouldn't dream your film, you should make it!" - Steven Spielberg

The Media play a central role in contemporary culture, society and politics. They shape our perceptions of the world through the representations, ideas and points of view they offer. The aim in Media Studies is to offer learners the opportunity to develop an in depth understanding and knowledge of these issues alongside a theoretical framework to support critical exploration, reflection, analysis and debate.

Course Title	Eduqas A Level Media Studies
What will I be learning?	Our course covers all the media industries, film, advertising & marketing, radio, video games, music videos, online, television crime drama (1 English language, 1 non English language origin), and magazines
How will I be assessed?	Component 1 Media products, Industries and audiences (written exam) Component 2 Media products in depth (written exam) Component 3 Cross-Media Production (non exam assessment)
Independent study opportunities	<p>Documentaries: The story of film: An Odyssey A personal journey with Martin Scorsese through American movies, Vision of Light: The art of Cinematography</p> <p>Books: 1. WJEC/Eduqas GCSE Media Studies Student Book Revised Edition: Amazon.co.uk: Sheard, Hayley: 9781913963255: Books 2. WJEC/Eduqas GCSE Media Studies Revision Guide: Amazon.co.uk: Sheard, Hayley: 9781911208891: Books 3. Study and Revision Guide (WJEC GCSE Media Studies): Amazon.co.uk: Bell, Christine: 9781908682215: Books 4. WJEC/Eduqas Media Studies for A level Year 2 & A2: Revision Guide: Amazon.co.uk: Bell, Christine, Johnson, Lucas: 9781912820184: Books 5. WJEC/Eduqas Media Studies for A Level Year 2 & A2: Student Book: Amazon.co.uk: Bell, Christine, Johnson, Lucas: 9781911208112: Books 6. WJEC/Eduqas Media Studies for A Level Year 1 & AS: Student Book: Amazon.co.uk: Bell, Christine, Johnson, Lucas: 9781911208105: Books 7. WJEC/Eduqas Media Studies for A Level AS and Year 1 Revision Guide: Amazon.co.uk: Bell, Christine, Johnson, Lucas: 9781911208877: Books 8. Media Theory for A Level: The Essential Revision Guide: Amazon.co.uk: Dixon, Mark: 9780367145439: Book</p>
Will I go on any trips?	British Film Institute Trips to the local cinemas and theatres
What careers could this lead to?	The course will provide skills for a multitude of career paths. The most obvious being a career in the media, working on set or behind the scenes, creating digital media. This could be in the television industry, film, print (newspapers & magazines) or digital industries (online, web, social media). Mr Baga's former pupils have gone onto work for E4, Arsenal FC and open up their own production studios, such as Crocodile Productions. Away from a career in the media, the skills learnt will be part of every industry where there is communication to audiences involved.
What grades will I need ?	GCSE English Language Grade 5

“The creative industries drive our economy in the UK.. The contribution they make has often been underappreciated. These industries generate £108 billion a year. Employ over 2.3 million people in every corner of the country. And there is a real sense of energy in the sector, which has grown at more than 1.5 times the rate of the wider economy over the past decade”. Gov.uk 2023

Students learn about the diversity of roles, responsibilities, employment and progression opportunities available within the Performing Arts sector. The course provides students with the skills, knowledge and understanding necessary to access and progress to degree level study and employment in the performing arts or developing skills to support students' future careers more generally. This course is suitable for those who have an interest in Drama, Music, Dance, Media, Art and Design, Photography and other creative technologies.

Course Title	Pearson BTEC Level 3 National Extended Certificate in Performing Arts
What will I be learning?	This course will enable you to develop your presentation and production skills. You will research, analyse and evaluate relevant information and ideas in order to develop creative solutions and understand, adapt and safely use appropriate and practical methods and skills for creative production. A range of activities might include; Front of house activities, Production meetings, Stage management and organisation, Costume and wardrobe supervision, make up and special effects duties, Staging, design and direction, filming for multimedia, technical backstage work, Warm-ups, read-throughs and rehearsals, Understudying, Ensemble performance work, Individual presentations and group work, discussion groups to analyse, consider and confirm ideas, peer and self-assessment.
How will I be assessed?	There are 4 units with no written exams. Students complete work under supervised conditions and out of 3 mandatory units, 2 will be externally assessed (Investigating Practitioners Work, Developing Skills and techniques for live performance and a group performance workshop) There will be a 4th unit option which will be chosen in support of the students on the course. This is a 100 % continuous theoretical, practical and physical course assessed via a digital portfolio assessment and video.
Independent study opportunities	Opportunities to take part in LAMDA qualifications to complement the course can be taken and gain additional UCAS points. Students have the opportunity to take part in our annual whole school community productions and have the chance to be talent scouted providing further exposure and opportunities when considering the vast range of careers in this sector
What resources will I need?	Theatre trips, masterclasses and field trips which may impose some additional costs. Materials for making props, costumes, set materials and tools may need to be purchased.
Will I go on any trips?	We will offer trips to see theatre productions as well as visiting linked creative industries so that students can experience employment opportunities in the field. Workshops will also be delivered by outside artists. There will be a spectacular residential visit to Cornwall to the world renowned outdoor Minack Theatre
What careers could this lead to?	Students may go on to specialise in a wide range of careers such as special effects and make-up in film and tv, architecture, directing, teaching, sound and lighting engineers as possible examples.
What grades will I need ?	English Language/Literature grade 4 or above. It would be beneficial to have a Level 2 qualification at grade 4 or above in a relevant subject such as Performing Arts or a creative subject, but this may not be necessary.

Photography

“What I like about photographs is that they capture a moment that’s gone forever, impossible to reproduce.” – Karl Lagerfeld

Photography jobs are as vast as the medium is visible in the world. This course will make you a great creative thinker and you will be able to construct your photographic images so that they contain high visual appeal and visual communication. In this way you will be able to carve out your desired career in photography. The course is directed by Eduqas and assessment criteria make this course as much about project management as it is about photography. In this way the skills and academic requirement will enable you to build projects of your own. This will mean that you will be able to apply this knowledge to any other subject or profession where project management features.

Course Title	Eduqas A Level Photography
What will I be learning?	A Level Photography will teach you to look at the world in a creative way and will enable you to apply creative, analytical and critical thinking and problem solving, in order to visually communicate ideas through photography. Students will develop critical analyses of artists’ work helping to develop their own ideas through reaction, practical application and written reflections. Students will learn about a variety of photographic media, techniques and processes including hands-on experimentation with traditional techniques in our dedicated darkrooms, lighting in our studio and use computers for Photoshop and digital media, utilising these techniques and equipment to achieve visual communication through photography.
How will I be assessed?	Component 1: Personal Investigation (60% of qualification) consists of two integrated constituent parts: 1. a major in-depth critical, practical and theoretical investigative project/portfolio 2. an extended written element of 1000 words minimum, which must clearly relate to practical and theoretical work Component 2: Externally Set Assignment (40% of qualification) The Externally Set Assignment will be set by WJEC, assessed by the teacher and externally moderated.
Independent study opportunities	Websites: https://photographylife.com/photography-basics https://iso.500px.com/a-beginners-guide-to-photography/ Galleries: The Photographer’s Gallery, Michael Hoppen Gallery, Hamilton’s Gallery Podcasts: PetaPixel Photography Podcast, A Photographic Life, The Candid Frame
What resources will I need?	The Canon EOS Rebel SL3 https://www.digitalcameraworld.com/reviews/canon-eos-250d-review
Will I go on any trips?	A study trip to Berlin
What careers could this lead to?	Advertising, Commercial work, Editorial, Fashion, Film, Food, Forensic, Industrial, Architectural, Ariel, Portraiture and Wedding photography, Sports and Travel, Press photography, Photojournalism, Fine Art, Editing, Fashion photography or Styling, the Film industry, Forensic science, Curating, Image Library
What grades will I need ?	GCSE Photography Grade 5

"We are what we are because we have been what we have been." – Sigmund Freud

Psychology is relevant to ALL of us - helping to answer how and why other people think, feel and behave the way they do. In which situations do people tend to behave the same? When and why might people behave differently? When is our behaviour influenced by our environment and others, and when does it stem from our individual biology and personality? Psychology, as a social science, will equip you with a wide range of academic skills useful to both arts and science subjects - for example, how to conduct and analyse effective scientific research, extended writing, forming substantiated judgements, and critical thinking. Psychology is a fascinating subject, which helps us to understand ourselves and others around us, and which you will be able to apply to many aspects of your life, for the rest of your life

Course Title	AQA A Level Psychology
What will I be learning?	<p>Introductory topics: Social Influence (how far is our behaviour influenced by others?) Memory (how do we remember and forget things, how accurate is it?) Attachment (how do early child-parent relationships affect us?) Psychopathology (what is mental health, how do we explain and treat phobias, depression and obsessive-compulsive disorder?)</p> <p>Psychology in context: Approaches in psychology (historical development and different ways of 'doing' psychology) Biopsychology (the brain and nervous system and ways of studying it) Research methods (methods of studying people, scientific processes, data analysis (some maths is required), statistical testing)</p> <p>Issues and options: Issues and debates (gender and culture, free-will and determinism, nature-nurture, ethical implications) Cognition and development (cognitive development in children, development of social skills) Stress (physiology, link to illness, individual differences, managing and coping with stress) Forensic psychology (offender profiling, explanations for offending behaviour, dealing with offending behaviour)</p>
How will I be assessed?	Three written exams, no coursework. All three exams are 2 hours Mix of multiple choice, short answer and extended writing
Independent study opportunities	<p>Videos: Crash course psychology (and lots more) on YouTube Websites: www.simplypsychology.org, www.verywellmind.com/psychology Memoirs by current and former psychologists such as Tanya Byron (clinical psychology), Kerry Daynes (forensic psychologist), Paul Britton (a now-discredited profiler, but still a fascinating read)</p>
What resources will I need?	AQA Psychology for A Level, Year 1 and AS student book, 2nd edition (£21 approx) AQA Psychology for A Level Year 2 student book, 2nd edition (£26 approx)
What careers could this lead to?	Clinical, Health, Sports, Occupational/work, Forensic, Research. However it's a subject that is useful and positively viewed in many careers as everyone works with people!
What grades will I need?	GCSE English Language, Maths & Science Grade 5 If studied, GCSE Psychology Grade 5

"Physics is a good framework for thinking... Boil things down to their fundamental truths and reason up from there" - Elon Musk

Studying Physics gives insights into the fundamental way the world works. From interstellar movements to the quantum realm, A Level Physics will broaden your understanding of the universe we live in. If you want a fulfilling, interesting and challenging A Level then physics is definitely for you. It's the study of everything, and the perfect place to start questioning and challenging preconceptions

Course Title	OCR A Level Physics A
What will I be learning?	A Level Physics covers the basis of how things work, from the constituent parts of atoms to understanding the extent of the universe. Topics include foundations of physics, forces and motion, particles and medical physics, and Newtonian world and astrophysics. Teaching of practical skills is integrated within the theoretical topics. You will learn to apply your knowledge of the key concepts to solve problems in a range of different contexts and applications
How will I be assessed?	Component 1 Modelling physics assesses content from modules 1, 2, 3 and 5 (2 hours 15 minutes written paper, 37% of total A Level) Component 2 Exploring physics assesses content from modules 1, 2, 4 and 6 (2 hours 15 minutes written paper, 37% of total A Level) Component 3 Unified physics assesses content from all modules 1-6 (1 hour 30 minutes written paper, 26% of total A Level) A Level Practical Endorsement in Physics (non exam assessment) Reported separately
Independent study opportunities	Website - https://www.iop.org/ - The institute of Physics Books - "Brief history of time" - Stephen Hawking, "Paradox" - Jim Al-Kahlili
What resources will I need?	A Level Physics for OCR A Student Book £40
Will I go on any trips?	Trip to a local observatory, Twilight tour of GlaxoSmithKline in Stevenage to look at the use of magnetism, waves and Quantum Physics in industry. A "Skies over Etonbury" talk and telescope demo by a local Astrophotographer.
What careers could this lead to?	Physics is one of the most universally accepted qualifications for progression to university. As such, it can lead to a huge array of career options including Business, Finance, IT, Engineering, Research and so much more.
What grades will I need ?	GCSE Science Grade 6 and GCSE Maths Grade 6

"The knowledge of how to make – both everyday objects and highly-skilled creations – is one of humanity's most precious resources." - Daniel Charny, Victoria & Albert Museum Curator

This is an exciting course which focuses on 'User Centred Design'. You will have the opportunity to explore your ideas and create a fantastic portfolio which you can show at a university interview to show off your creativity, problem solving and communication skills. Product Design is an inspiring, rigorous and practical subject. There is a strong focus on ensuring the content reflects authentic practice, giving an insight into the way that creative, engineering and manufacturing industries function. Learners are therefore enabled to make the connection between the knowledge, understanding and skills they develop and how this will benefit them in the future.

Course Title	OCRA Level Product Design
What will I be learning?	<p>The course based upon around a client need using iterative design, meaning pupils are encouraged to design through exploring and trying out different ideas, until they find the right answer. A focus is put on design, prototyping, CAD and experimenting.</p> <ul style="list-style-type: none"> • Identifying requirements • Learning from existing products and practice • Implications of wider issues • Design thinking and communication • Material and component considerations • Technical understanding • Manufacturing processes and techniques • Viability of design solutions • Health and safety
How will I be assessed?	<p>Coursework (50% of A Level) Paper 1 Theory (1.5hrs, 26.7% of A Level) Paper 2 Problem solving investigation (1 hr 45, 23.3% of A Level)</p>
Independent study opportunities	<p>Videos: 'Abstract' on Netflix. This is a series of programmes about significant designers, engineers and architects and what they have accomplished. Magazines: Blueprint, Design Week and Creative Review Websites: www.Ideo.com who are world pioneers in design</p>
What resources will I need?	Drawing materials such as a good set of pencils, rubbers etc
Will I go on any trips?	The Design Museum, V&A Museum and 100% Design in London
What careers could this lead to?	Product Design, Engineering, Architecture, Game Design, Interior Design, Graphic Design, UX Design, Automotive Design.
What grades will I need ?	Engineering Design Distinction

"The function of sociology, as of any science, is to reveal what is hidden" - Pierre Bourdieu

Sociology is about the study of society in which we live. Sociology examines social behaviour from a variety of perspectives: how it originates, develops, and the ways people are organised into groups according to distinctions such as class, gender and race. Sociology will make you question so much about your lives; Why are girls and boys dressed differently? Why do some people appear to get away with committing crime? Why does school have a uniform? For those with enquiring minds and the desire to find out answers, this is the ideal subject

Course Title	AQA A Level Sociology
What will I be learning?	<p>Education: The role and functions of the education system, Differential educational achievement of social groups Relationships and processes within schools The significance of educational policies</p> <p>Families and Households The relationship of the family to the social structure and social change Changing patterns of marriage, cohabitation, separation, divorce, childbearing and the life course Gender roles, domestic labour and power relationships within the family in contemporary society The nature of childhood, and changes in the status of children in the family and society Demographic trends in the United Kingdom since 1900</p> <p>Global Development Development, underdevelopment and global inequality Globalisation and its influence on the cultural, political and economic relationships between societies The role of transnational corporations, non-government organisations and international agencies in local and global strategies for development Development in relation to aid, trade, industrialisation, urbanisation, the environment, and war and conflict, employment and education</p> <p>Crime and Deviance Crime, deviance, social order and social control The social distribution of crime and deviance by ethnicity, gender and social class Globalisation and crime in contemporary society; the media and crime; green crime; human rights and state crimes Crime control, surveillance, prevention and punishment, victims, and the role of the criminal justice system and other agencies.</p> <p>Each topic will also cover research methods.</p>
How will I be assessed?	<p>Paper 1 - Education with Methods in Context (2 hours, 33.3%) Paper 2 - Families and Households and Global Development (2 hours, 33.3%) Paper 3 - Crime and Deviance with Theory and Methods (2 hours, 33.3%)</p>
Independent study opportunities	<p>Watching and reading the news from a variety of different channels Book: Invisible Women by Caroline Criado - Perez Video: Battle for power programme series on iplayer</p>
What resources will I need?	<p>Year 12 - AQA A Level Sociology Book One £22 approx Year 13 - AQA A Level Sociology Book Two £22 approx</p>
What careers could this lead to?	<p>Police and Probation Services, Local and Central Government, Social and Market Research, Charitable, Counselling and Voluntary organisations, Public Relations, Journalism and Communications, Media and Marketing</p>
What grades will I need?	<p>If studied, GCSE Sociology grade 6. If not, English Language Grade 6</p>

“Ability is what you’re capable of, Motivation determine what you can do and Attitude determines how well you can do things”- Lou Holtz

The BTEC Sport will give learners a solid understanding and knowledge of the sport and active leisure sector, enabling students to develop essential skills required for gaining employment, securing career progression, or enabling entrance into further qualifications and training required to achieve their goals. This course provides a specialist, applied programme of vocational study designed for students who have a real interest in the theoretical and practical aspects of anatomy and physiology, physical and psychological sports performance, coaching and fitness. It will give you the opportunity to develop your knowledge and investigate a wide range of sport, exercise and coaching aspects

Course Title	Pearson BTEC Level 3 National Diploma in Sport (Equivalent in size to two A Levels) Pearson BTEC Level 3 National Extended Certificate in Sport (Equivalent in size to one A Level)
What will I be learning?	Anatomy and Physiology Fitness Training and Programming for Health, Sport and Well-being Sports Leadership Professional Development in the Sports Industry Investigating Business in Sport and the Active Leisure Industry Skill Acquisition in Sport Sports Injury Management Application of Fitness Testing Rules, Regulations and Officiating in Sport
How will I be assessed?	Pearson BTEC Level 3 National Diploma in Sport (Equivalent in size to two A Levels)- 9 units of which 6 are mandatory and 3 are external. External assessment (45%) Pearson BTEC Level 3 National Extended Certificate in Sport (Equivalent in size to one A Level)-4 units of which 3 are mandatory and 2 are external. External assessment (67%)
Independent study opportunities	Podcasts: BBC Sport podcasts Take part in a variety of extracurricular sporting activities
What resources will I need?	Pearson BTEC National Sport Student book 1
Will I go on any trips?	Attending live professional sports games
What careers could this lead to?	Sports Science, Sports Management or Marketing, Physiotherapy, Sports Engineering, Teaching and Coaching, Sports Psychology, Sports Therapy, Health and Fitness Industries, Sports Development, Sports Injuries Clinics, Coaching, or Physiotherapy
What grades will I need ?	GCSE PE Grade 5 or BTEC Sports Level 2 Pass

“Travelling – it leaves you speechless, then turns you into a storyteller.” – Ibn Battuta

The travel and tourism sector continues to grow at a rapid pace, with the amount of travel undertaken by individuals for both leisure and business purposes continuing to increase. The value of tourism to the UK economy is approximately £126 billion, and the sector employs around 3.1 million people. An expansion in the short-break market has led to a growth of regional airports in the UK and across Europe and a rise in the number of new hospitality enterprises including health spas and boutique hotels. This is an excellent course for anyone wishing to pursue a career in the Travel & Tourism industry as it offers students the opportunity to study the growth of world tourism, how this has changed over time, how people travel to resorts and the impact of tourism.

Course Title	Pearson BTEC Level 3 National Extended Certificate in Travel and Tourism (Equivalent in size to one A Level)
What will I be learning?	<p>Unit 1 The world of travel and tourism Types of Travel and Tourism, The types of travel and tourism organisations, their roles and the products and services they offer to customers, The scale of the Travel and Tourism Industry, Factors affecting the Travel and Tourism industry</p> <p>Unit 2 Global Destinations Geographical awareness, locations and features giving appeal to global destinations, Potential advantages and disadvantages of travel options to access global destinations, Travel planning, itineraries, costs and suitability matched to customer needs, Consumer trends, motivating and enabling factors and their potential effect on the popularity and appeal of global destinations</p> <p>Unit 3 Principles of marketing The importance of focusing on meeting customer needs to the success of marketing activities in travel and tourism organisations, The impact that marketing activities have on the success of different travel and tourism organisations, Marketing plans and data research, How marketing plans meet industry and customer needs</p> <p>Unit 9 Visitor Attractions The nature, role and appeal of visitor attractions, How visitor attractions meet the diverse expectations of visitors, How visitor attractions respond to competition and measure their success and appeal</p>
How will I be assessed?	<p>Unit 1 The world of travel and tourism, Exam 1.5hrs</p> <p>Unit 2 Global Destinations, Exam – pre-release material 2 weeks before the exam and a 3hr task to complete in exam conditions</p> <p>Unit 3 Principles of marketing, Internal and synoptic where students create their own marketing campaign</p> <p>Unit 9 Visitor Attractions, Internal assessment</p>
Independent study opportunities	<p>Podcasts: Costing the Earth, Zero to Travel, The Travel Diaries, Amateur Travel.com</p> <p>TV: Race Across the World, Travel Man, A Place in the Sun, An Idiot Abroad</p> <p>Magazines: Lonely Planet, Wanderlust, National Geographic</p>
What resources will I need?	BTEC Nationals Travel & Tourism Student Book
Will I go on any trips?	Luton airport, various attractions such as theme parks, farms, zoos, museums, National Trust properties
What careers could this lead to?	Travel Agent, Tour Guide, Tourism Manager, P R Manager, Event Manager Airline Ground Staff, Cabin Crew, Transport Officer, Travel Writer
What grades will I need ?	GCSE English and Maths Grade 4

Extended Project Qualification

"Research is formalized curiosity. It is poking and prying with a purpose." - Zora Neale Hurston

The EPQ is an excellent opportunity for students to undertake a self-directed and self-motivated project which allows students to explore a topic of interest in depth through independent research. It provides students with a strong foundation in their transition to university study. This qualification enables students to use their problem-solving and decision making skills; demonstrate initiative and enterprise; evaluate and reflect on their project; develop time management and presentation skills; and show their analytical and critical thinking.


Course Title	Level 3 Extended Project Qualification
What will I be learning?	<p>The EPQ allows students to lead their own projects. Students get to plan and carry out research on a topic that they've chosen and isn't covered by their other qualifications. They can take inspiration from something touched on in class or something personal and unrelated to their studies. They then use this research to produce a written report and, in the case of practical projects, an artefact or a production. By taking responsibility for the choice, design and decision making of an individual project students:</p> <ul style="list-style-type: none"> • become more critical, reflective and independent learners • develop and apply decision-making and problem-solving skills • increase their planning, research, analysis, synthesis, evaluation and presentation skills • learn to apply technologies confidently • demonstrate creativity, initiative and enterprise
How will I be assessed?	<p>Students need to produce a production log, verified by the supervisor, a written report, supplementary evidence and a presentation. Students will be assessed against four objectives:</p> <p>AO1 Manage: Identify, design, plan and complete the individual project or task within a group project, applying organisation skills and strategies to meet stated objectives</p> <p>AO2 Use resources: Obtain and select information from a range of sources, analyse data, apply relevantly and demonstrate understanding of any appropriate linkages, connections and complexities of their topic</p> <p>AO3 Develop and realise: Select and use a range of skills, including new technologies, to solve problems, to take decisions critically, creatively and flexibly, and to achieve planned outcomes</p> <p>AO4 Review: Evaluate outcomes including own learning and performance. Select and use a range of communication skills and media to convey and present outcomes and conclusions</p>
Independent study opportunities	This will be dependent on the topic chosen by the student and guided by the supervisor.
What grades will I need ?	GCSE English Grade 5

"No employment can be managed without arithmetic, no mechanical invention without geometry." – Benjamin Franklin



Mathematics is seen everywhere and used in all aspects of life. Everything that has ever been created has used some form of Maths to create the final product. Further Maths allows you to learn about mathematical systems in real depth that have helped shape our world. If you have ever been curious saying to yourself 'why does this calculation work?' then you will enjoy learning about the complex systems and proofs that will help answer those curious questions. If you are thinking of doing Maths at a top university then Further Maths is the most highly regarded A level and will immediately make your application stand out above anyone without it. Due to the subject's complex nature, we are able to offer an AS Level in Further Mathematics that will allow you to achieve a grade in year 12, giving you the option to pursue the subject further into year 13 as a flexible option. This course will allow you to obtain valuable UCAS points that no other course allows since this will be considered as a fourth AS/A level option.

Course Title	Edexcel A Level Further Mathematics
What will I be learning?	<p>Pure Mathematics: Complex Numbers, Argand Diagrams, Series, Roots of Polynomials, Volumes of Revolution, Matrices, Linear Transformations, Proof by Induction, Further Vectors, Methods in Calculus, Polar Coordinates, Hyperbolic Functions, Methods in Differential Equations, Modelling with Differential Equations</p> <p>Decision Maths: Algorithms, Graphs and Networks, Algorithms on Graphs, Route Inspection, Linear Programming, Critical Path Analysis, The Travelling Salesman Problem, The Simplex Algorithm, The Planarity Algorithm, Scheduling Diagrams</p> <p>Further Mechanics: Momentum and Impulse, Work, Energy and Power, Elastic collisions in one dimension, Momentum as a Vector, Elastic strings and springs, Elastic collisions in two dimensions</p>
How will I be assessed?	<p>100% exam based. Calculators allowed for all exams.</p> <p>AS Further Maths (2 exams total) Paper 1: Core Pure Maths & Paper 2: Further Mechanics & Decision</p> <p>A Level Further Maths (3 exams total) Paper 1: Core Pure Maths, Paper 2: Core Pure Maths & Paper 3: Further Mechanics & Decision</p>
Independent study opportunities	<p>Pearson Active Learn (online textbooks) https://www.pearsonactivelearn.com/app/home</p> <p>Dr Frost Maths (online notes) https://www.drfrstmths.com/</p> <p>Underground Maths (free online resources + challenges) https://undergroundmathematics.org/</p> <p>Mathswatch for KS5 http://www.mathswatch.co.uk</p> <p>Resourceaholic https://www.resourceaholic.com/</p>
What resources will I need?	Scientific calculator (preferred Casio fx991 - EX classwizz £30)
Will I go on any trips?	UKMT Senior Maths Challenge for year 12 and 13
What careers could this lead to?	Maths opens the doors for many different careers. Finance and banking uses a lot of the statistics side, whereas physicists will use the mechanics side of Maths. This course has been credited with improving students' transferable skills such as their problem solving, critical thinking, adaptability and self-management/self-development which are highly sought after by employers
What grades will I need?	GCSE Maths Grade 7

In addition to their subjects, students will also have the opportunity to get involved in a variety of activities. We encourage our students to get involved with as many as they feel able, as they will look excellent on their future CVs and personal statements for university

<p>Extended Project Qualification</p>	<p>Students identify, design, plan and complete an individual project on a topic that interests them, gathering and analysing information from a range of sources. Universities look favourably on those who have studied EPQ because it shows that you have been able to exercise a range of transferable skills. Skills developed: speaking, problem solving, creativity, resilience, organisation, presentation, data analysis, enquiry, aiming high</p>
 <p>THE DUKE OF EDINBURGH'S AWARD</p>	<p>The Duke of Edinburgh's Award challenges, empowers, and recognizes young people between the ages of 14 and 24. By recognizing the amazing things young people can do and learn outside the boundaries of formal education, the award empowers them to discover hidden talents, develop untapped leadership potential and make a difference in their community. Skills developed: speaking, listening, problem solving, creativity, resilience, organisation, teamwork, leadership, organisation, reliability, aiming high</p>
<p>Senior Student Team</p>	<p>Students will apply to be selected for leadership roles within the school. They will be part of the school council, helping bring the ideas of the student body to fruition and will represent the school at various events. Skills developed: teamwork, speaking, leadership, aiming high</p>
<p>Subject Champions</p>	<p>Students will work within a department to offer in class support or 1:1 tutoring to younger students. They will become ambassadors of their subjects so younger students have someone they can go to for advice. Skills developed: speaking, listening, problem solving, organisation, teamwork, reliability</p>
<p>Peer Mentoring</p>	<p>Students will be trained to offer mentoring support to younger students who may be facing challenges in their lives. The younger students get to know a friendly face who they can turn to when needed. This looks fantastic on the references for students wishing to work in the psychological or caring professions. Skills developed: listening, speaking, organisation, reliability, resilience</p>

<p>Fundraising Committee</p>	<p>Students will be responsible for selecting charities they wish to support and organising fundraising events throughout the year which brings the whole student body together. This is a good opportunity for students wishing to pursue a career in events, marketing or finance. Skills developed: speaking, listening, organisation, presentation, teamwork, budgeting, resilience, creativity, aiming high</p>
<p>ETA Ambassadors</p>	<p>Students will be trained as tour guides to show prospective parents around the school. They will also go into schools to promote the Sixth Form and the opportunities that Etonbury offers. Skills developed: speaking, presentation, reliability, creativity, aiming high, teamwork</p>
<p>Sport</p>	<p>Students will be able to participate in extracurricular sport, even if they are not studying BTEC Sport to support their physical and mental well-being. Skills developed: teamwork, speaking, listening, leadership, problem solving, resilience</p>
<p>Lectures and talks from industry and higher education experts</p>	<p>Students will be invited to attend various talks from a range of industry experts and higher education providers. This will encourage students to think about their next steps after Sixth Form and possibly start thinking about careers in industries not previously considered. Skills developed: speaking, listening, aiming high</p>
<p>Healthcare Academy</p>	<p>Students interested in a career within the NHS will be invited to take part in the Bedfordshire Health and Care Academy. Their program includes live and pre-recorded events, to deliver a diverse and action packed programme that is comprised of role-play, simulation, demonstrations, behind the scenes tours and so much more. Skills developed: speaking, listening, reliability, aiming high, resilience</p>
<p>School Productions</p>	<p>Students can continue to be an active part of Etonbury's highly successful school productions, either performing on stage, being part of the production team backstage or front of house, welcoming our audiences. This will particularly useful for those studying music tech, art, photography or media, or anyone who wishes to pursue a career in the arts. Skills developed: teamwork, speaking, listening, leadership, creativity, reliability, presentation, resilience</p>

	<p>Speaking in Public exams prepares students for a task that daunts so many people. Learners write their own speeches, researching the topics, creating visual aids and presenting them from memory (although they can use notecards, if they prefer). As they progress, they will develop the ability to speak clearly and project their voice for an audience. They'll discover the techniques they require to engage an audience and to structure their speech effectively. Students will be able to pay to gain a recognised qualification with UCAS points Skills developed: speaking, listening, creativity, presentation, resilience, aiming high</p>
	<p>Trip to the UCAS convention where students can talk with representatives from 100s of higher education and apprenticeship providers from across the UK Skills developed: speaking, listening, aiming high</p>
<p>Future Planning</p>	<p>Students will be given timetabled sessions to support them with their next steps. Whether it be applying to university through UCAS, applying for higher apprenticeships with some of the UK's most prestigious companies, interview techniques, budgeting or even learning basic cookery skills for living away from home for the first time, we aim to support all Sixth Formers for a successful, independent life. Skills developed: speaking, listening, reliability, presentation, resilience, aiming high, creativity, organisation, problem solving, budgeting</p>