

A blue-tinted photograph of a library interior. Two students are seated at a long white table, looking at books. The table is cluttered with various items including books, papers, and a calculator. In the background, tall white bookshelves are filled with books. The ceiling has recessed lighting. The overall atmosphere is quiet and studious.

*A Level Subject Guide
2016—2018*

Heathfield School, Ascot

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A Levels 2016 – 2018											
Name of Qualification: Edexcel Biology B	Examination Board: Edexcel										
Reformed or unreformed: Reformed	If unreformed date of reformation if known.										
How assessed: 3 papers Paper 1 - Advanced Biochemistry, Microbiology and Genetics (90 marks, 30%, 1 hour 45 minutes) – examines content from topics 1-4,5,6,7 Paper 2 – Advanced Physiology, Evolution and Ecology (90 marks, 30%, 1 hour 45 minutes) – examines content from topics 1-4,8,9,10 Paper 3 – General and Practical Principles in Biology (120 marks, 40%, 2 hours 30 minutes) – examines content from topics 1-10, it also includes synoptic type questions and will examine understanding of experimental methods covered in Core practicals.											
Any other comments on assessment (eg all coursework based/ closed book examinations etc)	All examination papers require students to access Level 2 Mathematics and 10% of the marks across the papers are awarded for this. There is no coursework, however students are required to complete 16 core practicals from which content can be asked in paper 3. Records and evidence of their practical work and their competency in it are now required in order for them to gain their science practical endorsement. This will be recorded as a pass/fail alongside their final grade										
Subjects it might lead to at University/College	A range of subjects are accessible at university. Outside of Chemistry and Physics, Biology matches particularly well with Maths, Geography and Psychology. The most common subjects pursued are in medical areas such as Biomedical Science, however other subjects such as Zoology, Forensics and Ecology are options too										
Mathematical Skill required?	Yes										
Subjects required at GCSE to take course with minimum grade: Biology either as a standalone GCSE or part of the Dual Science award – grade B, preferably A. Maths you need a B.											
Why study subject? Advances in Biology have been spectacular in recent years. Research has cloned sheep, genetically engineered drugs such as insulin and wiped out smallpox. Biology is at the centre of issues that matter – should we allow human cloning? What do we think about research conducted on embryos? Does it make a difference eating genetically modified food? Is organic really better for you? Not a week goes past without Biology making the headlines in our newspapers – interested in being involved and understanding more then take Biology.											
Skills developed • Application of knowledge • Analyse, interpret and evaluate scientific information, ideas and evidence • Numeracy • Ability to handle a variety of apparatus and to collect accurate data • The development of a wide variety of practical techniques • Ability to assess risk within practical context • Graphing and processing of data • Ability to communicate information and ideas through terminology and ICT in the context of findings of practical work • Evaluation of the role of science in the wider community											
Course Content Topics studied are as follows: <table border="0"> <tbody> <tr> <td>1 – Biological molecules</td> <td>6 – Microbiology and Pathogens</td> </tr> <tr> <td>2 – Cells, viruses and reproduction of living things</td> <td>7 – Modern Genetics</td> </tr> <tr> <td>3 – Classification and Biodiversity</td> <td>8 – Origins of Genetic Variation</td> </tr> <tr> <td>4 – Exchange and Transport</td> <td>9 – Control Systems</td> </tr> <tr> <td>5 – Energy for Biological processes</td> <td>10 – Ecosystems</td> </tr> </tbody> </table>		1 – Biological molecules	6 – Microbiology and Pathogens	2 – Cells, viruses and reproduction of living things	7 – Modern Genetics	3 – Classification and Biodiversity	8 – Origins of Genetic Variation	4 – Exchange and Transport	9 – Control Systems	5 – Energy for Biological processes	10 – Ecosystems
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Tell me more... (Extension activities/trips/how it will benefit my CV/how it is regarded...) There will be an opportunity to go on a field trip to Somerset near Exmoor and study Ecology and see Biology up close and personal. A-level Biology is held in high regard as it is considered one of the most demanding A levels you can take. It is one of the most flexible A level sciences as it is able to be matched with a wide range of other subjects											

A Levels 2016 – 2018	
Name of Qualification: Business	Examination Board: Edexcel
Reformed or unreformed: reformed	If unreformed date of reformation if known.
How assessed: Number of papers Length of Examinations	AS 2 written papers 1 hour 30 mins each A Level 3 written papers each 2 hours
Any other comments on assessment (eg all coursework based/ closed book examinations etc)	Data response questions
Subjects it might lead to at University/College	Any Business, Economics or Accounting course
Mathematical Skill required?	Yes/No Yes. Learning Formulae. Working out percentage changes
Subjects required at GCSE to take course with minimum grade: Maths and English B grades are recommended. It is not essential to have studied Business at GCSE.	
Why study subject? Interesting, real world, prepares students for a life in business. It is the right subject if students enjoy: Communicating and explaining their ideas Exploring and presenting alternative courses of action Thinking strategically and making decisions Working with numbers to solve business problems Keeping up to date with national and international business news Learning about the world of business through research and investigation	
Skills developed Problem solving Ability to analyse and evaluate Calculations and interpretation of results Decision making Communication skills Team working skills	
Course Content Business is a dynamic subject. You will learn about the diverse nature of business enterprise and the interdependence of the various parts of the business world. You will explore business success and business failure, investigate local, national and global business markets and understand how businesses need to adapt and respond strategically to the changing environment in which they operate to survive and grow. This constant evolutionary process makes business a fascinating subject. In Theme 1 and Theme 2 you will learn about how businesses work. You will be introduced to the marketing and people functions before investigating entrepreneurs and business start-ups. You will also explore the how business finance and operations work, and understand the impact of external influences. Theme 3 and Theme 4 move from functions to strategy. You will explore influences on business strategy and decision-making, and understand how businesses mitigate risk and uncertainty. You will also explore global business and the opportunities and issues facing businesses in today's global world.	
Tell me more... (Extension activities/trips/how it will benefit my CV/how it is regarded...) Through studying business you will develop transferable skills that will prepare you for studying at university or moving into the world of work. You will become skilled in making decisions, solving problems, applying numerical skills (including understanding finance and working with data) and understanding the business environment. You will also develop commercial awareness. Suitable higher education courses include: Business management Accountancy and finance Marketing Tourism management and International business Business students can also progress to a wide range of careers, such as banking, sales, product management and General management, to working in public sector organisations or charities. There are visits to large businesses to apply knowledge gained in the classroom. Taking part in Young Enterprise is also an option.	

A Levels 2016 – 2018	
Name of Qualification: Theatre Studies/Drama	Examination Board: AQA
Reformed or unreformed: Reformed	If unreformed date of reformation if known.
How assessed: Number of papers at A Level Length of Examinations	3 Components : 1x 3 hour written paper 40% (80 marks) 1x Devised performance 30% (20 marks)+ working notebook (40 marks) 1 x Practical Exploration of 3 key extracts from contrasting plays 30 % (40 marks) + Reflective report (20 marks)
Any other comments on assessment (eg all coursework based/ closed book examinations etc)	Unit 1The written paper is in 3 sections: A – Set text B – Set Text Both are Open book C – Response to live Theatre Unit 2 is internally assessed and externally moderated Unit 3 is externally examined.
Subjects it might lead to at University/College	Drama and Theatre Studies, Psychology, Any Media/Marketing/ Event Management/ Business Considered by many Universities as a complement to Law and Humanities courses
Mathematical Skill required?	No
Subjects required at GCSE to take course with minimum grade: At least a B in English Literature and Drama although Drama is not a prerequisite	
Introduction to Subject: Key topics/questions (sell your subject here!) A-level Drama and Theatre Studies is for students who enjoy reading and watching plays, and taking part in them, whether performing, directing or designing sets and costumes. It offers students the freedom to choose both the content and the form of their practical presentations. Students are given opportunities to be creative and to have interpretative freedom as well as inspiration and critical and practical skills for other subjects they may be studying - students can attend any live theatre production and bring their experiences into class - written papers add rigour to the course and help ensure that students understand the way plays relate to their historical, social and cultural context - students develop confidence, team-building, communication and other life skills - the work of significant theatrical practitioners is considered and that students understand the connection between theory and practice. Students say that they like; - the group work that is at the heart of this course - the range of play choices – one to be chosen from six set plays for each written paper - being able to go to any live theatre productions - having the skills to analyse and appreciate any drama or theatre - the opportunity to devise original work - being able to consider work by influential playwrights directors and theatre companies - developing skills that could help them in many different careers.	

A Level 2016 – 2018	
Name of Qualification: Spanish AS and A Level	Examination Board: AQA
Unreformed: First teaching: September 2016	AS and A-Level Year 1 are co-teachable and all students will take the AS examination
How assessed: - AS Level	How assessed: - A Level
Paper 1: 1hour 45 minutes 40% Listening, reading and translation into English	Paper 1: 2hour 30 minutes 40% Listening, reading and translations into English and into French
Paper 2: 1 hour 15 minutes 30% Translation into French and response to a question on a set text or a set film	Paper 2: 2 hours 30% response to a question on a set text and a question on a set film
Paper 3: 30% Oral examination: 12 to 14 minutes	Paper 3: 30% Oral examination: 12 to 14 minutes
A film or a novel will be studied in preparation for the writing task	A film or a novel will be studied in preparation for the writing task For the oral, A Level students will prepare an individual project on a theme of their choice
Subjects it might lead to at University/College: It can lead to degrees in foreign languages, art, social sciences and humanities, science, engineering, medicine	
Mathematical Skill required? No	
Subjects required at GCSE to take course with minimum grade: Spanish at GCSE is required and an A is recommended.	
Topics: Social issues and trends AS and A Level: Aspects of Hispanic society - Modern and traditional values - Cyberspace - Equal rights A Level: Multiculturalism in Hispanic society - Immigration - Racism - Integration Political and artistic culture AS and A Level: Artistic culture - Modern days idols - Spanish regional identity - Cultural heritage or cultural landscape A Level: Aspects of political life in Hispanic world - Today's youth, tomorrow's citizens - Monarchies, republics and dictatorships - Popular movements	

A Levels 2016 – 2018	
Name of Qualification: Classical Civilisation	Examination Board: OCR
Reformed or unreformed:	Unreformed
How assessed: Number of papers at A Level Length of Examinations	AS Level Course-2 papers: Homer's Odyssey in Society, 1 hour, 30 minutes, 50% Greek Tragedy in it Context, 1 hour, 30 minutes, 50% A2 Level Course- 2 papers: Art and Architecture in the Greek World, 2 hours, 50% Virgil and the World of the Hero, 2 hours, 50%
Any other comments on assessment (e.g. all coursework based/closed book examinations etc.)	All examinations are closed book and there is no coursework element.
Subjects it might lead to at University/College	As well as any degrees with Classical content, Classical Civilisation is also very complementary to any text based subject such as English literature and humanity subjects such as History, Politics, History of Art and Religious Studies. Because it provides a rich selection of subjects within its four modules, it would also suit those pursuing degrees in Art, Drama, Philosophy, Languages and many more.
Mathematical Skill required?	No
Subjects required at GCSE to take course with minimum grade: There are no specific subjects for GCSE which need to be taken in advance and GCSE Classical Civilisation is not needed to take up the study of the subject at A level. Whist there are no set minimum grade requirements, this is a reading and essay subject and would particularly suit those who enjoy English Literature.	
Why study subject? To allow pupils to read some of the greatest literature in Western civilisation which has shaped and formed our own literature To allow pupils to study some of the finest art and its techniques in Western civilisation, again which has shaped and formed our own To develop an interest in, and enthusiasm for, the literary, historical and cultural features of the ancient world To apply analytical and evaluative skills to the text, to make an informed and personal response to the material studied and to develop a sensitive and analytical approach to language and literature generally	
Skills developed: Interpretative, Critical Thinking, Literary, Analytical, Evaluative, Research	
Course Content Homer's Odyssey in Society involves the study of the Epic poem with particular focus on certain books which map Odysseus' journey back to Ithaca and then his eventual revenge against the suitors. Themes learned include hospitality, heroism, gods and monsters and fate. Greek Tragedy in it Context includes four plays to be studied including Euripides' Medea and Electra, Sophocles' Antigone and Aeschylus' Agamemnon. The girls will learn about Athenian views on justice and revenge, piety, violence and the role of women. Art and Architecture in the Greek World focusses on the sanctuaries, temples and statuary of ancient Athens during an exciting time for artistic development and pupils will learn about the composition of the architecture and objects, as well as their religious significance. Virgil and the World of the Hero predominantly features the study of Virgil's Aeneid, looking at the creation of a new Roman hero out of the traditional Homeric model. The girls will look at heroism, fate and gods as well as the imperial destiny of Rome. They will also be studying a few books of Homer's Iliad.	
Tell me more... (Extension activities/trips/how it will benefit my CV/how it is regarded...)	
The knowledge learned will equip the pupil for any number of Classical and non-Classical courses at university and it is no surprise that many institutions are offering Classics taster courses to students studying European and British culture, history and literature so that they can appreciate their subject in more depth. In terms of careers, a degree or A Level in a Classical subject does not limit one's choice of jobs and they are highly valued by prospective employers. Classical Civilisation is also an opportunity to take on the study of many different subjects as it encompasses literature, history, politics, theology and art, as well as small parts of ancient languages. This could provide a solution to those who are unsure or unwilling to leave behind so many subjects at school. Through the study of the culture, pupils will be extended. The authors and artists studied too are renowned for their pioneering and enlightening works with plenty of scope for academic and philosophical discourse. Pupils will also be eligible for our Classics trip which tends to run once every two years; in 2016 we will be exploring Rome whilst in 2014 we visited Athens and Delphi in Greece.	

A Levels 2016 – 2018	
Name of Qualification: OCR Chemistry B (Salters)	Examination Board: OCR
Reformed or unreformed: Reformed	If unreformed date of reformation if known.
How assessed: 3 papers - Fundamentals in Chemistry (41%, 135 minutes) - Scientific Literacy in Chemistry (37%, 135 minutes) - Practical Skills in Chemistry (22%, 90 minutes)	
Any other comments on assessment (eg all coursework based/ closed book examinations etc)	There is no coursework but there is a pass or fail Practical Endorsement that is achieved by students demonstrating their competence in a variety of activities undertaken throughout the A Level course.
Subjects it might lead to at University/College	Chemistry is essential or strongly preferred for studying Medicine, Dentistry, Pharmacy, Biochemistry, Biology, Geology, Food Science, Nutrition, and Dietetics, as well as Chemistry, Chemical Engineering and Pharmaceutical Sciences. Today there are many joint degrees for Chemistry with Management, Law, Economics and Languages. Chemistry is highly regarded as a suitable A-level for courses such as Law, Economics and Accountancy at leading universities because a good grade proves you have well-developed logic and analytical skills as well as the ability to learn and understand complex material. You will also have a clear understanding of many current and topical issues.
Mathematical Skill required?	Yes
Subjects required at GCSE to take course with minimum grade:	
The course has been designed for students who have completed GCSE Dual Science or Chemistry Triple Award. You must have at least a grade B in both Science/Chemistry and Mathematics.	
Why study subject? From the moment you are born, and throughout your life, you are surrounded by Chemistry - the air you breathe, the food you eat and the clothes you wear - they're all Chemistry. Chemistry is the study of substances; what they are made of, how they interact with each other and the role they play in living things. Whether you want to care for penguin colonies in Antarctica or work in a dynamic business environment, Chemistry can help you. From research in space, to the depths of the oceans, Chemistry helps you understand the world around you and opens up lots of career opportunities.	
Skills developed • Numeracy • Analysis and Problem-Solving • Awareness of Ethical and Environmental impacts • Time Management and Organisation • Interpretation and Evaluation • Teamwork and Communication (written and oral) • IT and Technology • Confidence in dealing with unfamiliar problems Understanding of the complexities, challenges and rewards of Chemistry	
Course Content	
Chapter Headings: - Elements of Life - Developing Fuels - Elements from the Sea - The Ozone Story - What's in a Medicine? - The Chemical Industry - Polymers and Life - The Oceans - Development of Metals - Colour by Design	
Tell me more... (Extension activities/trips/how it will benefit my CV/how it is regarded...)	
Chemistry students are highly valued for their numerical, linguistic and analytical skills. A Chemistry qualification can take you almost anywhere.	

A Levels 2016 – 2018	
Name of Qualification: Philosophy of Religion and Religious Ethics	Examination Board: AQA
Reformed or unreformed: Reformed	September 2016
How assessed: Number of papers at A Level Length of Examinations	Exams based 2 papers 1 hour 45 minutes each
Any other comments on assessment (eg all coursework based/ closed book examinations etc)	Closed book examinations. No coursework- all exam based.
Subjects it might lead to at University/College	It provides an excellent foundation for those going on to study Law, Medicine, Veterinary Science, Philosophy, Theology, Journalism and Politics partly because of its strong emphasis on the development of skills such as problem solving, disciplining oneself in discussion and analysing complex arguments.
Mathematical Skill required?	No
Subjects required at GCSE to take course with minimum grade: English – B, Religious Studies - B	
If you enjoy discussions and debates regarding the big questions in life then you will find this subject thought-provoking, intriguing, challenging and- best of all– very enjoyable! We will explore ideas such as why would a loving God allow suffering? Where do I go when I die? Can we prove God exists by philosophical argument? Do miracles really happen? Do I have free will to control my own actions?	
The course involves the combined study of religion, theology, modern and ancient philosophy, ethical theory and practical ethical problems. These approaches often contradict and undermine each other. Sometimes they complement each other. On this course we explore these differences and similarities.	
You will have the freedom to reflect on and express your own views in a safe environment with likeminded people...But expect to be challenged!	
The topic list for AS level is as follows:	
Paper 1 Section A: The study of a religion: • God/gods/Ultimate Reality. • Life after death. • Sources of wisdom and authority. Section B: Philosophy of religion • Arguments for the existence of God. • Evil and suffering. • Religious experience.	Paper 2 Section A: The study of a religion • Key moral principles. • Religious identity. Section B: Ethics and religion. • Ethical theories. • Issues of human life and death. • Issues of animal life and death.
Paper 1 Section A: The study of a religion: • God/gods/Ultimate Reality. • Life after death. • The challenge from science. • The nature and role of religion. • Sources of wisdom and authority. Section B: Philosophy of religion • Arguments for the existence of God. • Evil and suffering. • Religious experience. • Religious language. • Miracles. • Self and life after death. • The nature and function of religion. Section C: The dialogue between philosophy and religion How religion is influenced by, and influences, philosophy of religion in relation to the issues studied.	Paper 2 Section A: The study of a religion: • Key moral principles. • Religious identity. • Religion and sexual identity. • Religious pluralism. Section B: Ethics and religion • Ethical theories. • Issues of human life and death. • Issues of animal life and death. • Introduction to meta ethics. • Free will and moral responsibility. • Conscience. • Bentham and Kant. Section C: The dialogue between ethical studies and religion. How religion is influenced by, and influences, ethical studies in relation to the issues studied.

A Levels 2016 – 2018	
Name of Qualification: AS / A2 Photography	Examination Board: AQA
Reformed or unreformed: Reformed	If unreformed date of reformation if known.
How assessed: Number of papers at A Level Length of Examinations	Coursework / Examination units N/A AS: 10hrs (Practical) A level: 15hrs (Practical)
Any other comments on assessment (eg all coursework based/ closed book examinations etc)	AS & A Level: Skills / Coursework Unit (Sept-Feb) Examination Unit (Feb-June)
Subjects it might lead to at University/College	Any Photography / Art / Design / Film / Media / Marketing / Advertising / Cinematography /
Mathematical Skill required?	Not at this level
Subjects required at GCSE to take course with minimum grade: N/A	
Why study subject? Brand new and exciting subject not taught at GCSE Obtain life skills that can be transferred for use in years to come Subject contains more depth and skill than some may initially realise Encourages 'seeing' things instead of just 'looking' Photography crosses over with many other subjects: Art / Science / History / Explores Social / Moral / Cultural / spiritual issues within personal topic choices Based on independent learning – personal choices of exploration Practical / Written / Skills Based / aspects to the course A chance to be creative without drawing / painting Ideal for EVERYONE of all abilities / interests Lead to many, many careers	
Skills developed: Independent Learning Contextual study Analytic skills Subject specific terminology Essay writing Personal choices / responses Research methods Peer / self assessment opportunities Photographic skills inc using camera controls, using specific terminology, using analogue and digital media, traditional darkroom methods, advanced use of Photoshop, contextualising images, using professional equipment inc studio lighting, reflectors, filters, and lenses	
Course Content AS (1 year course) & A Level 2 year course) Coursework 60% - Skills based / teacher led Examination 40% - Independent study / own topic choice	
Tell me more... (Extension activities/trips/how it will benefit my CV/how it is regarded...) Chance to apply for photography prefect / scholar positions (Leadership / initiative / organisational skills) Chance to enter national competitions London gallery trips to NHM, V&A, NPG Residential trip domestic / abroad Photography students regularly achieve A* - B grades (A Level) due to dedication, hard work and enjoyment of the subject Photography is a strong / popular subject in that many schools now have a separate Photography Department (from Art & Design). At Heathfield we have been awarded 'The best Photography Department in an independent school' from the Good Schools Guide 2015. Some universities welcome photography as a subject where you need to problem-solve and 'think outside the box' (even if applying for a non-related subject. Check with preferred universities first).	

A Levels 2016 – 2018	
Name of Qualification: English Literature	Examination Board: OCR
Reformed or unreformed: Reformed	If unreformed date of reformation if known.
How assessed: Number of papers at A Level Length of Examinations	Shakespeare; Drama and Poetry pre-1900: 2 hours 30 minutes examination Comparative and Contextual Study: 2 hours 30 minutes examination Coursework Literature post-1900
Any other comments on assessment (eg all coursework based/ closed book examinations etc)	All examinations are closed book
Subjects it might lead to at University/College	English: Arts and Humanities courses
Mathematical Skill required?	No
Subjects required at GCSE to take course with minimum grade: English Language: B; English Literature: B	
Why study subject? If you enjoy reading and debating the deepest layers of meaning in novels, plays and poems, you will love the opportunity to refine, extend and enhance your awareness of a subject which changes the way we see ourselves, others and the world around us. At the same time as developing sophisticated and powerful perceptions about the nature of the human condition, you will be rewarded by the aesthetic beauty of language and the way in which its usage defines and shapes our destiny.	
Skills developed Critical thinking, encompassing a variety of alternative perspectives whilst, ultimately, drawing an independent conclusion Evaluation of the significance of historical, political, moral, philosophical and literary contexts Establishing and promoting ideas through textual analysis and imaginative insight	
Course Content: Shakespeare; Drama and Poetry pre-1900 "Measure for Measure"; Selected Poems of Coleridge; "The Duchess of Malfi": Webster Comparative and Contextual Study Women in Literature "Sense and Sensibility": Jane Austen; "Jane Eyre": Charlotte Bronte Coursework Students complete a close reading or re-creative writing piece with commentary and write a comparative essay	
Tell me more... (Extension activities/trips/how it will benefit my CV/how it is regarded...) The subject is very highly regarded by universities and employers, who appreciate the development of original thinking through coherent and compelling argument. Students have the opportunity to select and devise tasks for the coursework component and may write about texts of their own choice. Trips to the theatre are frequent and rewarding, especially as the examination stipulates that analysis of productions should be an integral feature of all essays about plays. In the broadest sense of the word, understanding emerges in a series of exhilarating contexts: personal reflection; paired presentation; group discussions. Every text is a platform for an informed, personal response to the world.	

A Level 2016 – 2018	
Name of Qualification: French AS and A Level	Examination Board: AQA
Unreformed: First teaching: September 2016	AS and A-Level Year 1 are co-teachable and all students will take the AS examination
How assessed: - AS Level Paper 1: 1hour 45 minutes 40% Listening, reading and translation into English Paper 2: 1 hour 15 minutes 30% Translation into French and response to a question on a set text or a set film Paper 3: 30% Oral examination: 12 to 14 minutes	How assessed: - A Level Paper 1: 2hour 30 minutes 40% Listening, reading and translations into English and into French Paper 2: 2 hours 30% response to a question on a set text and a question on a set film Paper 3: 30% Oral examination: 12 to 14 minutes
A film or a novel will be studied in preparation for the writing task	A film or a novel will be studied in preparation for the writing task For the oral, A Level students will prepare an individual project on a theme of their choice
Subjects it might lead to at University/College:	It can lead to degrees in foreign languages, art, social sciences and humanities, science, engineering, medicine
Mathematical Skill required?	No
Subjects required at GCSE to take course with minimum grade: French at GCSE is required and a Grade A is recommended.	
Topics: Social issues and trends AS and A Level: Aspects of French-speaking society: current trends • The changing nature of the family • The “cyber-society” • The place of voluntary work A Level: Aspects of French-speaking society: Current issues • Positive features of a diverse society • Life for the marginalised • How criminals are treated Political and artistic culture AS and A Level: Artistic culture • A culture proud of its heritage • Contemporary francophone music • Cinema: the 7th art form AS and A Level: Aspects of political life in the French-speaking world • Teenagers, the right to vote and political commitment • Demonstrations, strikes- who holds the power? • Politics and immigration	

A Levels 2016 – 2018	
Name of Qualification: Psychology	Examination Board: AQA
Reformed or unreformed: Reformed	If unreformed date of reformation if known.
How assessed: Number of papers at A Level Length of Examination	3 papers, each 2 hours, mixture of multiple choice, short answer and extended essay answers required
Any other comments on assessment (eg all coursework based/ closed book examinations etc)	All closed book
Subjects it might lead to at University/College	Anything!
Mathematical Skill required?	Yes
Subjects required at GCSE to take course with minimum grade: Would prefer at least C in Maths, C in English and C in a science.	
Why study subject? It is directly applicable to students' lives and there are elements of Psychology in any job. It gives a good insight into working with people and what drives human behaviour. It is fascinating and will even help you to become a better learner. As well as giving a grounding in the scientific method, Psychology is unique in that there is also an art to expressing ideas through essay writing as well as maintaining and developing mathematical skills.	
Skills developed The subject involves developing a mixture of skills such as critical thinking, evaluation and other higher order thinking skills, as well as essay and report writing, presentations, use of maths and statistics and scientific investigation.	
Course Content In the first year topics include memory, attachment, social influence, psychopathology, biopsychology and research methods. In year two topics are selected from a choice including gender, relationships, eating behaviour, schizophrenia and forensic psychology. Issues and debates in Psychology are also examined, with plenty of opportunities for group discussions on interesting topics such as the nature nurture debate.	
Tell me more... (Extension activities/trips/how it will benefit my CV/how it is regarded...) Psychology is a hugely popular subject that has grown substantially in recent years. It is one of the most popular A-levels in the UK and is regarded as a science when applying to the majority of universities. Extension activities include 'psychology movie night' where films related to topics studied are watched, Psychology Club which provides an opportunity to investigate topics of personal interest to students and discuss them further and trips to conduct students' own psychological research	

A Levels 2016 – 2018	
Name of Qualification: A Level Politics	Examination Board: Edexcel
Reformed or unreformed: Unreformed (until 2017)	If unreformed date of reformation if known.
How assessed: Number of papers at A Level Length of Examinations	Four externally assessed examination papers (2 x 1hr 20 mins; 2 x 1½ hrs)
Any other comments on assessment (e.g., all coursework based/closed book examinations, etc.)	All examinations are closed book
Subjects it might lead to at University/College	Advertising History International Relations Journalism Law Media Studies Philosophy Politics Sociology
Mathematical Skill required?	No
Subjects required at GCSE to take course with minimum grade: English Language Grade B	
Why study subject? Politics affects everything we do in life and this A Level course takes a look at the major functions of government and politics in the UK and beyond. During the Lower Sixth year, the UK political aspect covers the major components of the democratic process (parties, pressure groups and elections). The UK government aspect focuses specifically on how the country is run and the various bodies that work together to govern the UK. This includes the various arms of government (executive, legislature and judiciary) and also looks at the constitution. During the Upper Sixth year, similar topics are studied but in the context of the USA. This is a subject where candidates get to practice skills of explanation, analysis, synthesis and evaluation to a high level. Consequently, it is well regarded by both universities and employers.	
Skills developed Analytical and critical reasoning Oral and written communication Research skills	
Course Content Paper 1: People and Politics Paper 2: Governing the UK Paper 3: Representative Processes in the USA Paper 4: Governing the USA	
Tell me more... (Extension activities/trips/how it will benefit my CV/how it is regarded...) Extension activities and trips include revision conferences as well as possible trips to Parliament and Washington, DC. A Level Politics on a CV shows that a student has practised a number of key transferable skills much sought after by universities and employers, such as analysing, synthesising, reasoning, decision making, active listening, oral communication and written communication. This course is highly regarded by universities as it helps to produce well informed students capable of independent thought.	

A Levels 2016 – 2018	
Name of Qualification: Geography	Examination Board: AQA
Reformed or unreformed:	Reformed
How assessed:	3 components: 2 exams and a geographical investigation
Any other comments on assessment (eg all coursework based/closed book examinations etc)	Physical Geography written paper 40% Human Geography written paper 40% 3-4,000 word Fieldwork investigation 20%
Subjects it might lead to at University/College	Geography BA or BSc, Physical or Human Geography, Part of combined Honours eg with Politics, Climate Science, Hazard Management, Environmental Science, Geo-politics
Mathematical Skill required?	Yes - geographical skills with some statistics
Subjects required at GCSE to take course with minimum grade: B grade or above in Geography	
Why study subject? Geography is everywhere! Geography students hold the key to the world's problems. 'So many of the world's current issues – at a global scale and locally - come down to geography, and need the geographers of the future to help understand them. Global warming as it affects countries and regions, food and energy security, the degradation of land and soils from over-use and misuse, the spread of disease, the causes and consequences of migration, and the impacts of economic change on places and communities' Michael Palin RGS. Students are encouraged to understand their role in society by considering different viewpoints, values and attitudes.	
Skills developed - Geographical – Cartographic, Graphical , Numerical, Statistical, - Thinking skills, Problem-Solving, Decision-making and Evaluation - Teamwork and Communication (written and oral) - IT and Technology - Time Management and Organisation - Awareness of Ethical and Environmental impacts - Thinking like a Geographer – aware of bigger picture	
Course Content A chance to explore the many relationships between people and the environment they occupy. Physical Geography – Water and carbon cycles, Coastal systems and landscapes, Hazards. Human Geography – Global systems and global governance, Changing places, Population and environment. A Geographical investigation defined and developed by the student.	
Tell me more... (Extension activities/trips/how it will benefit my CV/how it is regarded...) Field trips take place on a local, regional and international level to places like around the UK and further such as N America. Geography students are highly valued for their numerical, analytical and decision-making skills. Many employers appreciate the knowledge and skills that geographers can provide eg GIS, town and transport planning, chartered surveying, land and water management, sustainability, environmental consultancy, development, tourism, conservation, demography, housing and social welfare, Overseas Development, as well as the Civil Service. A fifth of geographers go on to further study teaching, legal training, masters or doctorates. The Russell Group of Universities recognises Geography as a key "facilitating" subject for entry to degree level study.	

A Levels 2016 – 2018	
Name of Qualification: A Level History	Examination Board: Edexcel
Reformed or unreformed: Reformed	If unreformed date of reformation if known.
How assessed: Number of papers at A Level Length of Examinations	Three externally assessed examination papers (2 x 2¼ hrs; 1 x 1½ hrs) One coursework assignment of 4,000 words
Any other comments on assessment (e.g., all coursework based/closed book examinations, etc.)	All examinations are closed book
Subjects it might lead to at University/College	Accountancy and Finance Archaeology History (Modern and Ancient) Journalism Law Politics Sociology Teaching Tourism
Mathematical Skill required?	No
Subjects required at GCSE to take course with minimum grade: History Grade B	
Why study subject? History is a fantastic course that shows you how Europe has swung between nationalism, dictatorship and democracy in living memory. It also enables you, in the Upper Sixth year, to complete a piece of research-based coursework to a standard approaching undergraduate level. In addition, having A Level History can open you up to a world of possibilities at university and beyond. The A Level History course gives you practice in writing and literature skills but also provides you with contextual knowledge and research experience. Consequently, universities and employers look incredibly favourably upon applicants with A Level History.	
Skills developed Analytical and critical reasoning Oral and written communication Research skills	
Course Content Paper 1: Germany and West Germany, 1918-89 Paper 2: The rise and fall of fascism in Italy, c. 1911-46 Paper 3: The British experience of warfare, c. 1790-1918 Paper 4: Coursework	
Tell me more... (Extension activities/trips/how it will benefit my CV/how it is regarded...) Extension activities and trips include revision conferences as well as possible trips to Italy and / or Germany. A Level History on a CV shows that a student has practised a number of key transferable skills much sought after by universities and employers, such as analysing, synthesising, reasoning, decision making, active listening, oral communication and written communication.	

Physics continued					
Mathematical Skill required?	Yes				
Subjects required at GCSE to take course with minimum grade: To study and succeed at A Level Physics you should be on course for at least a B in Physics GCSE or B in your Physics modules if studying double award Science. In addition, since the course has a significant mathematical content you should also be on course for at least a B in Mathematics GCSE.					
Why study subject? See below					
Skills developed Physics is a highly valued post-16 subject which clearly demonstrates that the student has the following attributes: • Logical thought • Problem solving • Key practical skills • Numeracy • An understanding about the world around us from sub-atomic, through every day to galactic proportions • A solid appreciation of “How Science Works” & the way that existing scientific theories are replaced when new evidence is available Importantly, these are transferable skills & equip the student for further study, employment & also for understanding the changing world in which we live.					
Course Content <table> <tr> <th>Core Content Topics 1 to 5 AS and A level Topics 6 to 8 A level only</th><th>Options A level only</th></tr> <tr> <td> 1. Measurements and their errors 2. Particles and radiation 3. Waves 4. Mechanics and materials 5. Electricity 6. Further mechanics and thermal physics 7. Fields and their consequences 8. Nuclear physics </td><td> 9. Astrophysics 10. Medical physics 11. Engineering physics 12. Turning points in physics 13. Electronics </td></tr> </table>		Core Content Topics 1 to 5 AS and A level Topics 6 to 8 A level only	Options A level only	1. Measurements and their errors 2. Particles and radiation 3. Waves 4. Mechanics and materials 5. Electricity 6. Further mechanics and thermal physics 7. Fields and their consequences 8. Nuclear physics	9. Astrophysics 10. Medical physics 11. Engineering physics 12. Turning points in physics 13. Electronics
Core Content Topics 1 to 5 AS and A level Topics 6 to 8 A level only	Options A level only				
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Tell me more... (Extension activities/trips/how it will benefit my CV/how it is regarded...) There are no set trips as part of the curriculum but we like to take advantage of any relevant lectures or presentations when we can.					

A Levels 2016 – 2018		
Name of Qualification: Physics		Examination Board: AQA
Reformed or unreformed: Reformed		If unreformed date of reformation if known.
How assessed: Number of papers at AS Level: 2 Number of papers at A Level: 3 Length of Examinations		
1.		2.
AS		
Paper 1		Paper 2
What's assessed Sections 1 – 5		What's assessed Sections 1 – 5
Assessed - written exam: 1 hour 30 minutes 70 marks 50% of AS		Assessed - written exam: 1 hour 30 minutes 70 marks 50% of AS
Questions 70 marks of short and long answer questions split by topic.		Questions Section A: 20 marks of short and long answer questions on practical skills and data analysis Section B: 20 marks of short and long answer questions from across all areas of AS content Section C: 30 multiple choice questions
A Level		
Paper 1	Paper 2	Paper 3
What's assessed Sections 1 – 5 and 6.1 (Periodic motion)	What's assessed Sections 6.2 (Thermal Physics), 7 and 8 Assumed knowledge from sections 1 to 6.1	What's assessed Section A: Compulsory section: Practical skills and data analysis Section B: Students enter for one of sections 9, 10, 11, 12 or 13
Assessed - written exam: 2 hours 85 marks 34% of A-level	Assessed - written exam: 2 hours 85 marks 34% of A-level	Assessed - written exam: 2 hours 80 marks 32% of A-level
Questions 60 marks of short and long answer questions and 25 multiple choice questions on content.	Questions 60 marks of short and long answer questions and 25 multiple choice questions on content.	Questions 45 marks of short and long answer questions on practical experiments and data analysis. 35 marks of short and long answer questions on optional topic.
Any other comments on assessment (eg all coursework based/closed book examinations etc)		There is also a separate practical assessment
Subjects it might lead to at University/College		Here is a small selection of careers available to students who study Physics: - Electronics, Communications Space & Avionics - Law, accountancy & Finance - Medicine & veterinary Science - Environment, Architecture & Civil Engineering - Transport & Mechanical Engineering - IT, Media, Sound & Vision Technology - Education - Sports Science & Biomechanics - You decide! Something which doesn't exist yet

A Levels 2016 – 2018	
Name of Qualification: A Level History of Art	Examination Board: AQA
Reformed or unreformed: Unreformed	If unreformed date of reformation if known.
How assessed: 4 written exams Number of papers at A Level 2 at AS 2 at A2 Length of Examinations 1 x 1hr 3 x 1hr 30mins	2017
Any other comments on assessment (eg all coursework based/closed book examinations etc)	
Subjects it might lead to at University/College	The subject also complements studies in English, History, Classics, Art and even Chemistry if a student is interested in restoration. History of Art is a well-respected academic subject that is offered by both Oxford and Cambridge. Students with a degree in History of Art will find that their visual, literary and analytical skills will not only prepare them for careers in the academic and commercial art worlds but make them attractive candidates for entry to the creative and marketing industries. As an essay based discipline it would support any career where the expression and organisation of ideas is important.
Mathematical Skill required?	No
Subjects required at GCSE to take course with minimum grade: The course assumes no prior knowledge of the subject although students must have strong literacy skills and a willingness to visit galleries and museums in their own time. It is advantageous for girls to have gained at least a grade B at GCSE in either English Language or Literature and at least one other text based subject. An enthusiastic love of beauty and interest in the visual environment as well as a desire to search beneath its surface will serve students of art history well. To pursue the subject at a more advanced level a modern language is highly desirable.	
Introduction to Subject: Key topics/questions (sell your subject here!)	
Aims - To reveal an understanding and appreciation of some of the most significant artistic and cultural ideas and achievements in painting, sculpture and architecture from classical Greece to the end of the twentieth century - To develop visual analytical skills both orally and in written form - To relate works of art to their social, historical and cultural context History of Art is an increasingly popular A Level choice in Sixth Form. In an age where communication is increasingly dominated by visual media, the study of art history offers invaluable insights into the ways messages and meanings have been expressed in the past, revealing the concerns and values of various periods of European society including our own. The course involves visits to London museums, such as the National Gallery and Tate Galleries, and a trip abroad to Paris at an additional cost. The A Level At AS, students are taught to look at and analyse art. They are introduced to the formal characteristics, terminology and techniques of painting, sculpture and architecture. These include composition, colour, light, space, ornament, volume, techniques, line and shape. We also look at the context and meaning of works and significant art historical themes such as patronage, the role of the artist, style, and the treatment of different subject matter. Students find understanding the motivation behind works, changes in style and the development of taste very rewarding. Some of the works or artists we look at in detail are: the Parthenon, Colosseum, Chartres, Giotto, Wilton Diptych, Masaccio, Donatello, Leonardo, Michelangelo, David, Delacroix, Turner, Monet, Gauguin, Matisse and Picasso. In the second year we study two periods in depth, art and architecture of the nineteenth century in Europe, as well as 1900 to 1945 in Europe and America. There is no practical element to the course. Girls really enjoy and find it rewarding becoming experts in this time.	

A Levels 2016 – 2018	
Name of Qualification: Latin	Examination Board: OCR
Reformed or unreformed:	Reformed starting in 2016 (provisionally planned)
How assessed: Number of papers at A Level Length of Examinations	AS Level Course-2 papers: Language (01), 1 hour, 30 minutes, 50% Literature (02), 2 hours, 50% A Level Course- 4 papers: Unseen Translation (01), 1hour 45 minutes, 33% Prose Composition or Comprehension (02), 1hour 15 minutes, 17% Prose Literature (03), 2 hours, 25% Verse Literature (04), 2 hours, 25%
Any other comments on assessment (e.g. all coursework based/closed book examinations etc.)	All examinations without dictionaries or any other study aids. No coursework.
Subjects it might lead to at University/College	As well as any degrees with Classical content, Latin is also very complementary to any language, text and humanity subject. In addition, many potential medics or lawyers study Latin with the roots of many medical and legal terms coming from the language. An A level in Latin is an impressive indicator to any university of academic ability.
Mathematical Skill required?	Yes- the scanning of metric verse requires some basic mathematics
Subjects required at GCSE to take course with minimum grade: B in GCSE Latin	
Why study subject? To allow pupils to read some of the greatest literature in its original form to obtain its full sense, meaning and tone To acquire language skills in Latin which can be transferred to the learning of other languages as well as giving pupils an informed grammatical perspective of the English language To develop an interest in, and enthusiasm for, the literary, historical and cultural features of the ancient world To apply analytical and evaluative skills to the Latin text, to make an informed and personal response to the material studied and to develop a sensitive and analytical approach to language and literature generally To develop skills of logic and reasoning in deciphering a language with a very different cognitive process from our own	
Skills developed: Linguistic, Interpretative, Literary, Analytical, Evaluative, Research	
Course Content The language modules continue to examine a high standard of Latin either through translation, comprehension or composition. Whilst the AS has its own vocabulary list, the A level course requires a study of individual, pre-determined authors and has no vocabulary list, meaning that pupils acquire vocabulary by gaining experience of that particular author's works. For examinations in 2018-19, the prose will be Pliny's letters whilst the Verse will be the poems of Ovid. For the literature modules for 2018-19 the course content will be as follows: Prose: The writings of Cicero, Tacitus and Seneca Verse: Virgil, Ovid, Tibullus and Propertius	
Tell me more... (Extension activities/trips/how it will benefit my CV/how it is regarded...) Studying Latin does not, as some might think, close doors to most careers as it is a challenging subject with a strong academic reputation amongst universities and employers; this makes it a desirable A level. Latin is also an opportunity to take on the study of many different subjects as it encompasses literature, history, politics, theology and art, as well as the language itself and could provide a solution to those who are unsure or unwilling to leave behind so many subjects at school. Through the study of the language and culture, pupils will be extended, particularly through the prose composition element and no vocabulary list. The authors studied too are renowned for their pioneering and enlightening works with plenty of scope for academic and philosophical discourse. Pupils will also be eligible for our Classics trip which tends to run once every two years; in 2016 we will be exploring Rome whilst in 2014 we visited Athens and Delphi in Greece.	

A Levels 2016 – 2018	
Name of Qualification: Physical Education	Examination Board: OCR
Reformed or unreformed: Reformed	If unreformed date of reformation if known.
How assessed: Number of papers at A Level Length of Examinations	3 externally marked written papers: Physiological factors affecting performance (2 hours) 30% Psychological factors affecting performance (1 hour) 20% Socio-cultural issues involved in physical activity (1 hour) 20% Practical Assessment in chosen sport plus an evaluation & analysis of performance 30%
Any other comments on assessment (eg all coursework based/ closed book examinations etc)	
Subjects it might lead to at University/College	Sports Coaching / Sports Science / Teaching / Physiotherapy / Sports Psychology / Fitness Trainer or Instructor / Sports Management / Sports Journalism
Mathematical Skill required?	No
Subjects required at GCSE to take course with minimum grade: Ideally (although not essential) GCSE PE minimum grade C. Biology / Science grade B (If no GCSE PE) Practically competent in one sport (1 st team level or equivalent)	
Introduction to Subject: A Level PE is a versatile subject, combining well with both the Humanities and the Sciences. For those wanting to pursue a career in the Sporting world or teaching PE this is a must. The Physiological component of the course helps develop a theoretical knowledge and understanding of how the body responds to exercise and physical activity and what is required to improve performance. Within the Psychological component you will gain an understanding of sports psychology: personality, motivation and the formation of groups and leadership and the effects these have on performance and how such knowledge can assist you in improving your own performance. Socio-cultural and contemporary sporting issues you an insight into the background of sport in the UK as well the USA and Australia and looks at what we can learn from the two countries. It also covers the contribution that physical activity makes to a healthy active lifestyle as well as looking at issues such as: drugs in sport; the role of technology; the history of the Olympics and the Media. The final component of the course is the practical assessment which involves you being assessed either performing or coaching a sport which can be chosen from a wide variety including team sports such as lacrosse and netball to outdoor adventurous activities such as skiing and equestrianism.	

A Levels 2016 – 2018	
Name of Qualification: MUSIC	Examination Board: OCR
Reformed or unreformed:	If unreformed date of reformation if known.
How assessed: Video/Coursework/Written paper Number of papers at A Level: 3	Length of Examinations: Unit 1: 10 – 12 minute videoed recital worth 35% Unit 2: Two coursework compositions worth 25% Unit 3: Written Examination (90 minutes) worth 40%
Any other comments on assessment (eg all coursework based/closed book examinations etc)	Unit 1: a video recording accompanied by a verbal or written explanation of the pieces chosen Unit 2: Two coursework compositions: - One to a brief set by OCR - One to a brief written by the learner - Combined duration at least 4 minutes Unit 3: Written Examination (90 minutes) worth 40% - Area of Study 1: Instrumental Music of Haydn, Mozart and Beethoven - Area of Study 2: Popular Song: Blues, Swing, and Big Band Candidates choose two further areas of study from a choice of six as follows: - Area of Study 3: Developments in instrumental Jazz 1910 to the present day - Area of Study 4: Religious Music of the Baroque Period - Area of Study 5: Programme Music 1820 – 1910 - Area of Study 6: Innovations in Music 1900 to the present day
Subjects it might lead to at University/College	MUSIC
Mathematical Skill required?	No
Subjects required at GCSE to take course with minimum grade:	
- Music Grade B - Grade V Associated Board Theory - Weekly participation in one of the ensembles, such as Choir or Orchestra - There is a biennial European Choir Tour to which all AS and A2 students are invited, provided they attend Choir or Orchestra on a regular, weekly basis. This bears an additional cost	
Introduction to Subject: Key topics/questions (sell your subject here!) This subject will foster a real love and understanding of music within students through the study of great masters, writing compositions, developing aural awareness and building upon performing skills. However, music cannot be studied in isolation and other subjects including philosophy, culture and religion are also discussed. This is a good starting point for further study at all universities and colleges and a good grounding for a career in performing. Changes to the legacy specification: Harmony work will be studied during the LVI year, but is non-examined <i>“The advantage of Music AS is that curricular and extra-curricular music often overlap. Lessons are relaxed but challenging and it is really a case of learning a new thing every day. Composition is hard work, but you get a real sense of achievement when you have worked so hard on something and you are pleased with the outcome.” An A Level pupil</i>	

Leiths 2016 – 2018	
Name of Qualification: Leiths Introductory Certificate in Food and Wine	Examination Board: Leiths School of Food and Wine
Reformed or unreformed: N/A	If unreformed date of reformation if known.
How assessed: Number of papers at A Level Length of Examinations	20% Theory examination (1½ hours): techniques, methods, terminology and definitions covered during the course. 40% Practical examination (2½ hours): specified dishes cooked to the required standard under timed conditions. 40% Continual assessment: cooked dishes, time plans, menu planning assignments and revision tests will be assessed.
Any other comments on assessment (e.g. all coursework based/closed book examinations etc.)	
Subjects it might lead to at University/College	Food and Nutritional Sciences; Culinary Arts and Professional Cookery; Catering and Hospitality.
Mathematical Skill required?	No
Subjects required at GCSE to take course with minimum grade: None	
Why study subject? ‘ Before I learnt to cook I opened the kitchen cupboard and saw meaningless ingredients, now I see food.....’ Leiths School of Food and Wine is one of the most prestigious and respected cookery schools in the country. We are delighted to be able to offer to our VIth Form students the opportunity to study the Leiths Introductory Certificate in Food and Wine. This course is designed for the interested amateur cook and the potential professional chef. Students will be shown a wide range of professional practical cooking methods and taught the associated theory. The primary aim is to provide them with a vital life skill for independent living which could also open up areas of possible employment. Students will gain the confidence to become proficient in family cooking and entertaining, learn to interpret and follow recipes, manage time efficiently and work in an organised manner.	
Skills developed Students are encouraged to cook and experience a range of ingredients and explore different cooking techniques to produce dishes that have a modern twist. The principal techniques and methods covered include knife skills, meat and vegetable preparation, jointing poultry, filleting fish, roasting, stewing, marinating, steaming, batters, the making of classic sauces, pasta and rice dishes, the use of gelatine, caramel, mousses, ice creams, meringues, tarts, bread, various pastries and cakes as well as decorating and icing skills.	
Course Content Students write a time plan for each practical session, complete a menu planning exercise, follow healthy eating guidelines, develop an awareness of what to look for when buying ingredients and learn the basic theoretical principles associated with the cooking techniques. Sample recipes include - <i>Chicken with Caramelised Onions & Apples - Duck Breast with Ginger, Honey & Lime - Sirloin Steak with Béarnaise Sauce - Rack of Lamb with Mustard & Herb Crust - Trout en Papillote - Moules Marinière - Leek & Gruyère Tart - Cheese Soufflé - Broad Bean, Pea, Feta & Mint Salad - Rosemary Focaccia - Individual Apple Tarts - Chocolate Profiteroles - Crème Brûlée - Pavlova - Blueberry Clafoutis - Citrus Fruit Salad in Spiced Caramel - Whisked Sponge - Christmas Cake.</i>	
Tell me more... (Extension activities/trips/how it will benefit my CV/how it is regarded...)	
The students also spend time with a Master of Wine, tasting various wines and learning how to select the most appropriate ones to complement different ingredients and dishes.	
Leiths provide all the course material, termly visits to see how students are progressing and substantial behind-the-scenes support.	
At the end of the course, the students take a practical and theory examination set by Leiths and successful candidates are awarded a graded Leiths Certificate in Food and Wine. Students also complete a Level 2 Food Safety Award which along with the Certificate can be used to find employment in a variety of family level cooking jobs, through the agency, ‘Leiths List’. Should they decide to take up cooking professionally they would be eligible for the Two Term Diploma at Leiths School of Food and Wine which could open doors to a wide range of opportunities within the industry.	

A Levels 2016 – 2018	
Name of Qualification: A-Level Mathematics	Examination Board: Edexcel
Reformed or unreformed: Unreformed	Reformation due September 2017
How assessed: Number of papers at A Level Length of Examinations	Assessed by 3 examinations for AS Level and 3 additional examinations for A2 Level. Each examination is 1.5 hours.
Any other comments on assessment (eg all coursework based/ closed book examinations etc)	All papers allow the use of a calculator, with the exception of C1, which is a compulsory AS unit.
Subjects it might lead to at University/College	STEM, Medicine or Economics
Mathematical Skill required?	Yes
Subjects required at GCSE to take course with minimum grade: At least a grade A in GCSE Mathematics	
Why study subject? Mathematics is a fascinating subject and there is so much more to learn about it past the level of GCSE. If you enjoy learning Mathematics and the way that it demands a much different set of skills compared to your other subjects then you will find A-Level Mathematics very rewarding. Other than enjoying the subject and a desire to learn more, there are other practical reasons to study Mathematics in terms of the opportunities it offers once you have completed the course. It is either highly desirable or essential for university courses such as Accountancy, Economics, Engineering, Architecture, Business, Physics, Chemistry, Psychology and Medicine. Even for university courses or careers that do not relate to Mathematics, the A-Level is viewed highly due to the unique skills it develops and the complexity of the course. Skills developed Studying A-Level Mathematics will improve your ability to think logically and understand abstract concepts. It will also help you to communicate your ideas mathematically and present your reasoning in an ordered and concise manner. Course Content By its nature, Mathematics often has clear real world applications and at other times can appear quite abstract. A-Level Mathematics reflects these two qualities by combining Applied modules; Decision and Statistics, which use Mathematics to solve real life problems with Pure modules; Core Mathematics 1 to 4, which focus on the underlying tools and discoveries of Mathematics such as algebra, trigonometry and proof. Tell me more... (Extension activities/trips/how it will benefit my CV/how it is regarded...) Working through the “A 2 A Star Booster Pack” on mymaths would be an excellent way to prepare for the demands of studying A-Level Mathematics. Two excellent books that may give you an insight into why people wish to study Mathematics for the beauty and intrigue of the subject are ‘Fermat’s Last Theorem’ by Simon Singh and ‘The Music of the Primes’ by Marcus Du Sautoy.	

A Levels 2016 – 2018	
Name of Qualification: Further Mathematics	Examination Board: Edexcel
Reformed or unreformed: Unreformed	Reformation due September 2017
How assessed: Number of papers at A Level Length of Examinations	Assessed by 3 examinations for AS Level and 3 additional examinations for A2 Level. Each examination is 1.5 hours.
Any other comments on assessment (eg all coursework based/ closed book examinations etc)	All papers allow the use of a calculator.
Subjects it might lead to at University/College	STEM subjects
Mathematical Skill required?	Yes
Subjects required at GCSE to take course with minimum grade: Students should have gained an A* in GCSE Mathematics if they wish to study A-Level Further Mathematics. They must also be studying A-Level Mathematics.	
Why study subject? A-Level Further Mathematics is a challenging and rewarding course that offers the opportunity to study a vast variety of topics within Mathematics. You will develop a large range of skills as you progress through the course that can be applied to your future studies of many different subjects. The course also offers a unique opportunity to study the fascinating topic of Proof, which is covered only briefly in A-Level Mathematics and also gives you an insight into many more applications of Mathematics, such as the Mathematics used in the business world as well as further applications of the subject in Physics and Statistics. A-Level Further Mathematics is an excellent choice for someone who wishes to study Mathematics, Statistics, Physics or Engineering at University. Some of the harder content of the course is equivalent to the topics covered during the first year of a Mathematics degree and therefore it is excellent preparation if you intend to study Mathematics in the future. Skills developed As with A-Level Mathematics, this course will improve your ability to think logically and understand abstract concepts. It will also help you to communicate your ideas mathematically and present your reasoning in an ordered and concise manner. This is especially true in the topic of proof, which is only studied in Further Mathematics. Course Content A-Level Further Mathematics is made up of six separate modules; three at AS and three at A2. FP1 is compulsory for AS and FP2 or FP3 is compulsory for A2, although students can study all three. All of these modules are about core Mathematics and involve topics such as coordinate geometry, calculus and proof. The remaining modules are applied Mathematics, such as Mechanics, Statistics or Decision Maths. Tell me more... (Extension activities/trips/how it will benefit my CV/how it is regarded...) In addition to the preparation for A-Level Mathematics, you may also wish to read, “Q.E.D. Beauty in Mathematical Proof” by Dr Burkard Polster or borrow one of the many books from the Mathematics department library.	