

## Biology A Level

|   |  |
|---|--|
| <b>What are the entry requirements?</b> | Grade B in Triple Science Biology or grade B in BOTH Science and Additional Science  |
| <b>What will I study?</b>               | You will study a variety of biological topics relating to both animal and plant life. These topics include biochemistry essential for life, DNA and genetic engineering, through to ecosystems and classification. Students build on knowledge developed during their GCSE and further their understanding of these key biological concepts. |
| <b>How is the course assessed?</b>      | This is a linear course and will be assessed by three examination papers at the end of Year 13 and core practicals throughout the course to assess practical skill.  |
| <b>Future prospects</b>                 | Biology can lead to a number of career prospects, including being a biologist, nurse, health care assistant and doctors. This could also lead to specialist scientific paths including lab work, biotechnology, zoology, conservation and veterinary sciences.   |
| <b>Course Leader</b>                    | Miss S Chapman   |

## Business Studies A Level

|   |   |
|---|---|
| <b>What are the entry requirements?</b> | Grade 5 in English and grade 4 in Maths   |
| <b>What will I study?</b>               | <p>Business is front-page news. The way companies operate is under greater scrutiny than ever before, while TV programmes like The Apprentice and Dragon's Den have raised the profile of Business to a new generation. This course brings business up-to-date, enabling you to engage with, explore and understand business behaviour and develop a critical understanding of what business is and does. During the course you will investigate actual businesses and gain an understanding of business finance. You will use what you learn to understand the businesses you investigate. You will:</p> <ul style="list-style-type: none"><li>• learn about and understand the world of business</li><li>• develop skills in the financial aspects of business</li><li>• carry out research, both within and away from the classroom to see how businesses find the right product/service to sell</li><li>• learn how to work in a team with other members of the class to see how this could influence a business</li><li>• learn the skills of leadership required to run your own business</li></ul> |
| <b>How is the course assessed?</b>      | Assessments are carried out throughout the course to check your progress and then you will sit three x 2 hour end of year exams.  |
| <b>Future prospects</b>                 | You could gain progression into the financial sector, business management and business administration. This course would also allow you entry into university and apprenticeships.  |
| <b>Course Leader</b>                    | Mr J Cohen  |

## Chemistry A Level

|   |   |
|---|---|
| <b>What are the entry requirements?</b> | Grade B in Triple Science Chemistry or grade B in BOTH Science and Additional Science plus grade 5 in Maths   |
| <b>What will I study?</b>               | This is a linear course and over the two years you will study a range of organic and inorganic chemistry including; Atomic structure and the Periodic Table, Chemical bonding and structure, Redox reactions, Inorganic chemistry and the Periodic Table, Formulae, equations and amounts of substance, Organic chemistry, Modern analytical techniques, Chemical energetics, Reaction kinetics, Chemical equilibrium and Transition metals. There are also 16 core practicals throughout the course which give you the opportunity to get some hands on experience of the exciting topics covered in this course.                  |
| <b>How is the course assessed?</b>      | There are 3 examination papers at the end of year 13, these count for 100% of the grade and include questions on experimental methods.<br>There is also a new practical assessment to test practical competency that includes 16 core practicals that cover all of the 12 techniques required to achieve practical competency.  |
| <b>Future prospects</b>                 | As well as the obvious of chemistry, this course is also essential for anyone considering courses in medicine, dentistry, veterinary science, pharmacology, pharmacy, materials science or biochemistry. Chemistry graduates are not only employed by the chemical industry (e.g. food retailers, bulk chemical manufacture, brewing, cosmetics and specialised research), other professions such as accountancy, law, personnel and management seek to employ them too because they recognise the rigorous course they have followed, which involves a high level of numeracy, problem solving, thinking and communication skills. |
| <b>Course Leader</b>                    | Miss J Murray   |

## Drama and Theatre Studies A Level

|   |   |
|---|---|
| <b>What are the entry requirements?</b> | Grade 5 in English and grade B in Drama if taken at GCSE or demonstrate their practical and theoretical skills through the audition process   |
| <b>What will I study?</b>               | <p>Students will study a variety of classical and contemporary texts. Both drama practitioners and texts are used as stimulus to devise your own drama performance.</p> <p>Students will participate in theatre visits to aid their learning for the summer exam.</p>   |
| <b>How is the course assessed?</b>      | <p>40% written exam and 60% coursework. Coursework assessments are seen in the form of;</p> <ul style="list-style-type: none"><li>• Portfolio and written reports</li><li>• A group Performance</li><li>• A Monologue</li></ul> <p>The exam requires:</p> <ul style="list-style-type: none"><li>• A live theatre evaluation.</li><li>• Realising a Performance Text</li></ul> |
| <b>Future prospects</b>                 | <p>Students can look to pursuing drama in higher education. The skills and experience gained through the course could allow them to work within the performing arts sector. This could include:</p> <ul style="list-style-type: none"><li>• Performance</li><li>• Teaching</li><li>• Therapy</li><li>• Arts administration</li></ul>  |
| <b>Course Leader</b>                    | Mrs M Hockley   |

## English Literature A Level

|   |   |
|---|---|
| <b>What are the entry requirements?</b> | Grade 6 in English Language and English Literature  |
| <b>What will I study?</b>               | You will study a wide variety of texts and explore their social, historical and cultural backgrounds. There will be many opportunities for discussion as you develop your insight and your powers of analysis. You will consider a range of different perspectives on aspects of the human condition and discuss the values explored by a variety of authors. This course really is a must for any student who enjoys reading and exchanging ideas. |
| <b>How is the course assessed?</b>      | In this course you will study a range of poetry, prose and plays from different centuries. This is a linear course and you will be assessed by both written coursework and three examinations   |
| <b>Future prospects</b>                 | Progression onto university and entry into many professions, such as civil servant, journalist, personal assistant, social worker and teacher.  |
| <b>Course Leader</b>                    | Mrs K Wilson  |

## Extended Project Qualification (EPQ) Level 3

|   |  |
|---|--|
| <b>What are the entry requirements?</b> | All students entering Post 16 on Pathway 1 will also be entered for the EPQ at Level 3   |
| <b>What will I study?</b>               | What is appealing about the EPQ is that the project can be based on – subject to Academy and examination board approval – any issue that really interests a student. Current project topics include the case for the renewal of Trident, serial killers, space exploration and studying the understanding of children with autism. Students are taught research methodology, academic writing skills, how to prepare for tutorials and a whole host of attributes needed to succeed in higher education and employment. Visiting speakers will include representatives from universities and employers such as the Bank of England. Students will also make use of the Open University's 'Futurelearn' platform. |
| <b>How is the course assessed?</b>      | Year 1: assessed? This is a research based project taking place over the majority of their study time in post 16. It is equivalent to half an A Level in terms of UCAS points. Students will have to provide evidence of their research on topics, including logs of supervisor meetings and amendments to their research. Their final piece of work will be a 5000 word project essay, or artefact combined with a 1500 word essay. Submission for their final project is planned for December 2018.  |
| <b>Additional Information</b>           | Much content of the course is student led and it develops independent learning skills and the ability to write critically. EPQ is a fantastic opportunity to study something of great personal interest, be accredited for it and significantly enhance your future!   |
| <b>Future prospects</b>                 | Universities have praised highly the EPQ and value it greatly on applications.   |
| <b>Course Leader</b>                    | Ms E Haken   |

## Finance IFS Certificate

|   |  |
|---|--|
| <b>What are the entry requirements?</b> | Grade 4 in English and Maths   |
| <b>What will I study?</b>               | <ul style="list-style-type: none"><li>• You will study the importance of money and you will have an introduction to the financial services industry by focusing on the interaction between money, personal finance and the financial services market place.</li><li>• You will gain the ability to plan and manage your money to achieve needs, wants and aspirations. You will appreciate not only the need for short-term but also medium and long-term planning.</li><li>• You will explore how the external environment affects the financial services industry and the financial products and services available in the marketplace.</li><li>• You will have the opportunity to investigate the financial services marketplace from the point of view of the provider and appreciate the challenges that they face.</li><li>• You will become confident, informed consumers capable of planning, monitoring and controlling their short, medium and long-term finances effectively.</li></ul> |
| <b>How is the course assessed?</b>      | This is a modular course with one unit being assessed in January and the second unit being assessed in June. For each exam, section A is multiple choice and section B is a written paper based on a pre-release case study.   |
| <b>Future prospects</b>                 | This course could lead to numerous paths, including banking, insurance, financial services and accounting. This course would also allow you entry into university and apprenticeships.   |
| <b>Course Leader</b>                    | Mr J Cohen   |

## Fine Art A Level

|   |   |
|---|---|
| <b>What are the entry requirements?</b> | Grade B in Art  |
| <b>What will I study?</b>               | You need to be the type of person who enjoys expressing themselves through colour, shape and form. You will learn an extensive variety of artistic techniques, and will gain experience with a range of materials, covering every aspect of Art and Design. You will learn to make innovative visual art through drawing, painting, print-making, sculpture and mixed-media approaches. |
| <b>How is the course assessed?</b>      | Assessment is based on practical projects, followed by an examination.  |
| <b>Future prospects</b>                 | Studying Fine Art at A level can open the door to a wide range of degree courses in any aspect of Art and Design. Future employment opportunities are vast and career prospects include: freelance artist, props designer, sculptor, art therapist, interior designer, set designer, teacher, gallery worker, museum curator.   |
| <b>Course Leader</b>                    | Mrs A Burrige   |



## History A Level

|   |   |
|---|---|
| <b>What are the entry requirements?</b> | Grade 5 in English grade C in History<br>Admission can be subject to discussion with subject leader if not previously studied at GCSE   |
| <b>What will I study?</b>               | <p>You will study a 'modern' course. This starts in the late eighteenth century and ends in the late twentieth century to meet the 200 year rule.</p> <p>Paper 1 covers Britain transformed, 1918-1997. Paper 2 covers the USA, 1955-1992: Conformity and Challenge. Paper 3 covers poverty, public health and the state in Britain c 1780-1928 and coursework will relate to the civil rights movement in the USA, 1877-1981.</p> <p>The topics in paper 1 and 2 are linked thematically and share some of the same content for AS and A-Level. The exams have the same structure but A-Level papers will be more demanding.</p> <p>Papers 1 and 2 meet the requirement to study two different countries. Paper 3 meets the requirement to study change over at least 100 years/</p> <p>Coursework offers students the opportunity to investigate a problem, question or issue that stems from their paper 1, 2 or 3 topics.</p> |
| <b>How is the course assessed?</b>      | AS – Two written exams<br>A2 – One written exam and one coursework enquiry  |
| <b>Future prospects</b>                 | History is a highly regarded academic qualification and this course will allow you to develop the skills and competencies to progress to university.  |
| <b>Course Leader</b>                    |   |

## Mathematics A Level

|   |  |
|---|--|
| <b>What are the entry requirements?</b> | Grade 6 in Mathematics   |
| <b>What will I study?</b>               | <p>Students of our Edexcel A level in Maths will develop an understanding of mathematics and mathematical processes, develop the ability to reason logically and construct mathematical proofs, and understand coherence and progression in mathematics and how different areas of mathematics can be connected.</p> <p>Topics you will learn include;</p> <ul style="list-style-type: none"> <li>• Algebra and functions</li> <li>• Coordinate geometry in the <math>(x,y)</math> plane</li> <li>• Sequences and series</li> <li>• Trigonometry</li> <li>• Exponentials and logarithms</li> <li>• Differentiation</li> <li>• Integration</li> <li>• Vectors</li> <li>• Numerical Methods</li> <li>• Statistical sampling</li> <li>• Data presentation and interpretation</li> <li>• Probability</li> <li>• Statistical distributions</li> <li>• Statistical hypothesis testing</li> <li>• Quantities and units in mechanics</li> <li>• Kinematics</li> <li>• Forces and Newton's laws</li> <li>• Moments</li> </ul> |
| <b>How is the course assessed?</b>      | <p>The Pearson Edexcel Level 3 Advanced GCE in Mathematics consists of three externally-examined papers.</p> <p><b>Paper 1: Pure Mathematics 1</b><br/> <b>2 hour exam 33.33% of the qualification</b></p> <p><b>Paper 2: Pure Mathematics 2</b><br/> <b>2 hour exam 33.33% of the qualification</b></p> <p><b>Paper 3: Statistics and Mechanics</b><br/> <b>1 hour exam 33.33% of the qualification</b></p>   |
| <b>Future prospects</b>                 | <p>Candidates can take on apprenticeships in Accounting, Finance, Engineering, Banking, Investments, Economic, Insurance, Mortgage Broker, Mortgage Consultant, Army, Air force, Navy, Jobs in the Ministry of Defence, Property Management to name a few. Candidates can also obtain degrees in Economic, Accounting, Computer Science, Investment, Banking, Finance, Actuarial Science, Insurance, Mathematics, Mathematics Education, Applied Mathematics, Risk Analyst, Statistician to name a few.</p>  |
| <b>Course Leader</b>                    | Mrs M Lane   |

## Photography A Level

|   |   |
|---|---|
| <b>What are the entry requirements?</b> | Grade C in at least one Art and Design related course   |
| <b>What will I study?</b>               | <p>Do you have an eye for Photography?</p> <p>The Photography course is diverse and offers you the opportunity to learn about digital and analogue camera techniques, as well as developing your basic art skills. The course will enhance your understanding of digital photography and photo-manipulation, lighting, composition, image manipulation, in-camera special effects, moving image and presentation.</p> <p>As well as learning a range of practical techniques, the course will also encourage you to take creative inspiration from the work of others, as you study the history of Photography and the work of famous photographers. An ability to annotate and evaluate your work is vital for success on this course.</p> |
| <b>How is the course assessed?</b>      | You will be assessed on the work you produce, based on practical projects that explore a range of themes. There will also be an examination.  |
| <b>Future prospects</b>                 | <p>Photography at A level could lead into a range of further study on an Art and Design course at university, or career options including:</p> <ul style="list-style-type: none"><li>Photojournalist</li><li>Fashion Photographer</li><li>Industrial Photographer</li><li>Crime Scene Investigator</li><li>Illustration</li><li>Graphic Designer</li><li>Freelance Photographer</li><li>Website content provider</li></ul>  |
| <b>Course Leader</b>                    | Miss K Jones  |

## Physics A Level

|   |   |
|---|---|
| <b>What are the entry requirements?</b> | Grade B in Triple Science Physics or grade B in BOTH Science and Additional Science plus a grade 5 in Maths   |
| <b>What will I study?</b>               | There are also 16 core practicals throughout the course which give you the opportunity for hands on experience of the exciting topics covered in this course.   |
| <b>How is the course assessed?</b>      | This is a linear course and will be assessed by three examination papers at the end of Year 13.   |
| <b>Future prospects</b>                 | Students on this course develop practical and problem solving skills which are relevant to a vast number of career paths. Taking A Level Physics will allow you to go on to study a variety of Scientific courses including Physics, Engineering, Architecture and Medicine. It can also be desirable for many other professions where the ability to think logically, apply ideas to new situations and solve problems are considered to be valuable skills. |
| <b>Course Leader</b>                    | Mr P Dunn   |

## Psychology A Level

|   |  |
|---|--|
| <b>What are the entry requirements?</b> | Grade 6 in English and grade 5 in Maths  |
| <b>What will I study?</b>               | This qualification offers an engaging and effective introduction to Psychology. Students will learn the fundamentals of the subject and develop skills valued by Higher Education (HE) and employers, including critical analysis, independent thinking and research. The course includes a wide range of topics including social influence, memory, psychopathology, research methods and approaches in psychology. |
| <b>How is the course assessed?</b>      | Assessments: three written exams papers including multiple choice, short answer and extended writing questions.  |
| <b>Future prospects</b>                 | This qualification can lead to further study at a higher education establishment, in areas including psychology, social science and counselling. It can lead to careers in teaching, public services, counselling, research based positions, and various fields of psychology including forensics, clinical and educational.   |
| <b>Course Leader</b>                    | Mrs C Patmore  |

## Sociology A Level

|   |   |
|---|---|
| <b>What are the entry requirements?</b> | Grade 5 in English  |
| <b>What will I study?</b>               | Sociology covers a wide range of topics but it is essentially the study of human behaviour including the organisation of society, and the influences of gender, social class, ethnicity and age on our times. You will study family and households, education, beliefs, crime and deviance and sociological research methods. The emphasis is on modern British society with reference made to Britain in the past. |
| <b>How is the course assessed?</b>      | You will be assessed through three 2 hour exams sat at the end of the two year course.  |
| <b>Future prospects</b>                 | This course can lead you on to a career in a broad range of different sectors including opportunities in human resource management, marketing, public administration, social work and public services, for example the police.  |
| <b>Course Leader</b>                    | Mrs C Patmore   |

## Sport Studies BTEC

|   |  |
|---|--|
| <b>What are the entry requirements?</b> | Grade 4 in English Language. Sport or PE at GCSE preferable but not compulsory   |
| <b>What will I study?</b>               | You will study a range of different units within the two year course. In year one these consist of Anatomy and Physiology and Fitness Training and Programming for Health, Sport and Well-being. In year two students will study Sports Psychology and Professional Development in the Sports Industry.  |
| <b>How is the course assessed?</b>      | 67% is a written external assessment and 33% is coursework. Coursework will include the use of ICT, practical completion of fitness tests and verbal and written communication.  |
| <b>Future prospects</b>                 | This course can lead to sport related study at university or a range of careers including a fitness instructor, personal trainer, coach or a leisure centre manager. Students will also have the opportunity to coach and referee younger students in a variety of sports and activities. There will also be opportunities to acquire coaching and refereeing certificates in these sports and activities. |
| <b>Course Leader</b>                    | Mr D Compton   |

## Textile Art A Level

|   |   |
|---|---|
| <b>What are the entry requirements?</b> | Grade C in Art, Textiles or Graphics, or a strong portfolio of work   |
| <b>What will I study?</b>               | This Art and Design course offers you the chance to create a vibrant variety of artwork using Textiles approaches. You will gain an understanding of hand and machine stitching processes, and develop skill using and combining experimental textiles techniques. Projects will include observational work as well as practical Textiles art creation. Areas to be covered include: quilting, fabric colour application, printing, embroidery, garment and constructional textiles. You will need to study the work of other artists and fashion designers. An ability to annotate and evaluate your work as it progresses is paramount. |
| <b>How is the course assessed?</b>      | Students will be assessed through practical projects and an examination.  |
| <b>Future prospects</b>                 | This creative course could lead into further study at university, and career options include:<br>Textile Designer<br>Costume Maker<br>Fashion Designer<br>Freelance Textile Artist<br>Set Dresser<br>Window Display / Dresser   |
| <b>Course Leader</b>                    | Mrs A Burrige   |