John Masefield Sixth Form Centre

Supporting Great Futures

Prospectus

Welcome . . .

Welcome to our Sixth Form – a vibrant, supportive, and ambitious community where every student is supported to achieve their personal best . We take great pride in offering excellent and enjoyable learning that combines academic rigour with an exceptionally wide range of enrichment and leadership opportunities.

Our dedicated team of staff are committed to helping each student grow in confidence, independence, and character as they prepare for life beyond school. Whether your aspirations lie in higher education, training, or the world of work, our Sixth Form provides the guidance, support, and inspiration to help you succeed. We are incredibly proud of our Sixth Form community and look forward to welcoming you to join us, discover your strengths, and make your mark.

Head of Centre - Dr Holmes
Head of Sixth Form - Miss Phillips

Head Students

A warm welcome to John Masefield Sixth Form, we are Jack, Nuo Han and Bella and we are the Head Students. We are honoured to represent the Sixth Form here at John Masefield. The Sixth Form offers a wide variety of different subject and the Sixth Form team endeavour to help and support students in any way to help them with their future successes. The staff work hard to ensure students get a positive experience, with mentoring and one-to-one support, treating students with respect, giving them the independence and responsibilities to prepare them for their future lives at University, in apprenticeships or employment. The well-resourced study room and common room allow students to thrive academically and to make lastly social connections.

Contents

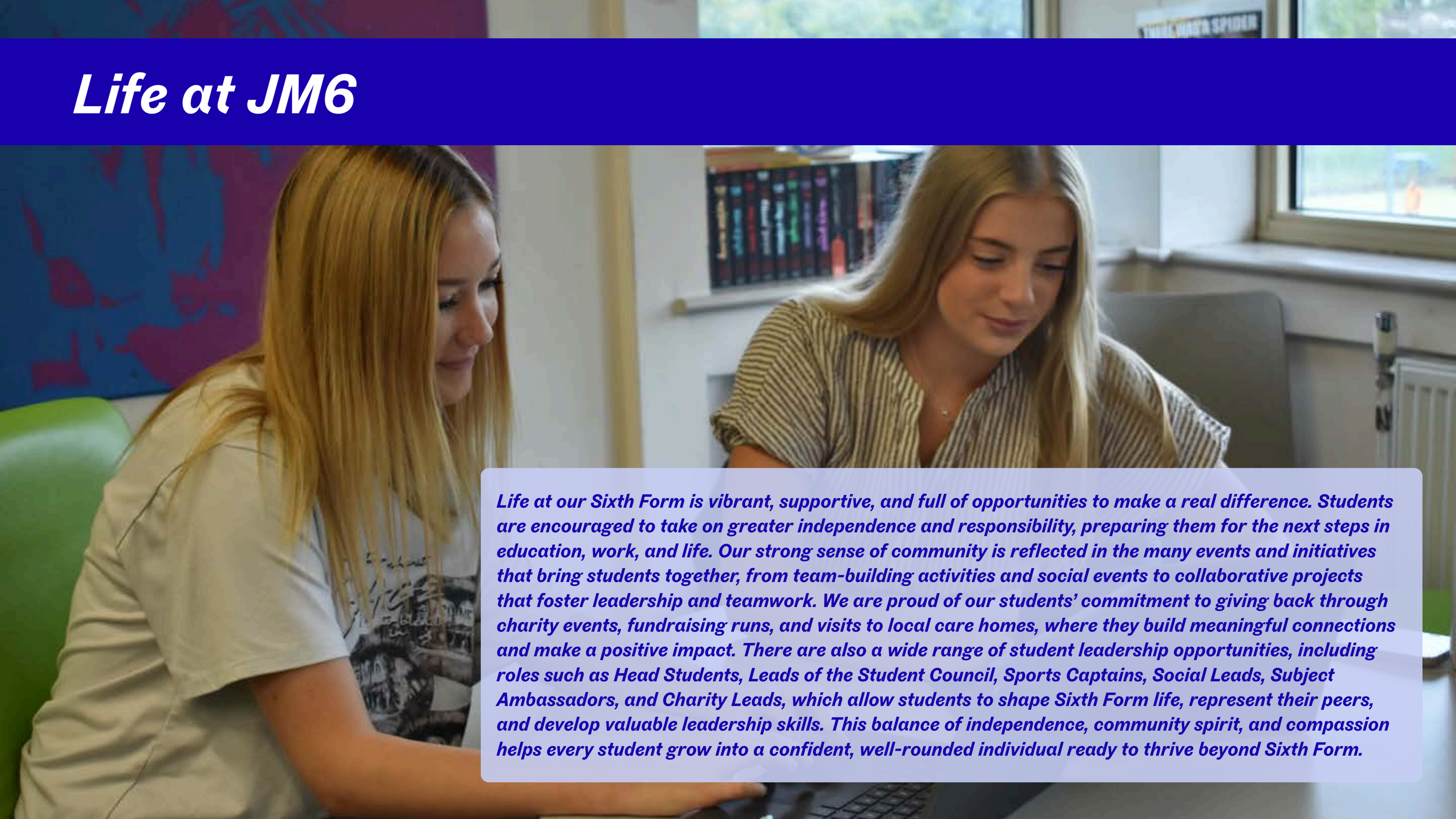
Entry Requirements

Applicants will have to meet the base admission requirements of 5 subjects at Grade 4 and above plus the appropriate grades for specific subjects as detailed in our entry criteria at the back of the prospectus to be eligible to progress to the Sixth Form. Where a student meets the entry requirements, but does not achieve a grade 4 in English Language or Mathematics, they will be supported to retake these examinations alongside their studies with us.

Sixth Form Facilities

Our Sixth Form students enjoy their own dedicated building, separate from the lower school, creating a more mature and focused environment for learning. Within the Sixth Form Centre, students have access to a designated study area equipped with computers and Chromebooks, supporting independent study and coursework. The Centre also includes a well-equipped kitchen and a comfortable common room with relaxed seating and a pool table—offering the perfect balance between study and social time.

Life at JM6



Life at our Sixth Form is vibrant, supportive, and full of opportunities to make a real difference. Students are encouraged to take on greater independence and responsibility, preparing them for the next steps in education, work, and life. Our strong sense of community is reflected in the many events and initiatives that bring students together, from team-building activities and social events to collaborative projects that foster leadership and teamwork. We are proud of our students' commitment to giving back through charity events, fundraising runs, and visits to local care homes, where they build meaningful connections and make a positive impact. There are also a wide range of student leadership opportunities, including roles such as Head Students, Leads of the Student Council, Sports Captains, Social Leads, Subject Ambassadors, and Charity Leads, which allow students to shape Sixth Form life, represent their peers, and develop valuable leadership skills. This balance of independence, community spirit, and compassion helps every student grow into a confident, well-rounded individual ready to thrive beyond Sixth Form.

Programme of study

Our main programme consists of students studying either purely academic A-levels, L3 vocational qualifications, or a mixture of the two. Where results are exceptionally high, students may be permitted to study 4 subjects. Students are also able to study Mathematics Studies or the Extended Project Qualification (EPQ) alongside their studies. Please refer to the contents list for a full list of our offered courses.

Our ability to offer a full range of subjects depends on the number of students who choose to study them. While we cannot guarantee that every applicant will receive all of their preferred subjects, we have generally been successful in meeting the needs of nearly all learners in the past.

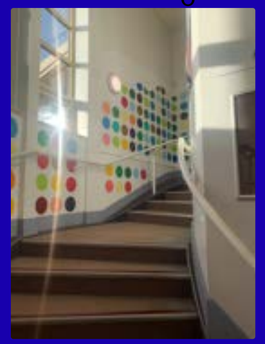
16-19 Bursary

Students aged 16–19 may be eligible for a government-funded bursary to help with education-related costs such as travel, meals, or essential equipment. This support is typically available to students who receive free school meals, whose parents are in receipt of Income Support, or whose household income falls below a specific threshold.

Careers and Work experience

Students receive tailored careers support over a 2-year programme. This includes guidance on post-18 pathways, careers mentoring and support with next step applications. We regularly host guest speakers, including universities, apprenticeship providers and alumni, giving students access to a variety of pathways.

All students also complete 1 week of work experience, allowing students to encounter a range of sectors and support them in determining their next steps.



Enrichment

At our Sixth Form, we believe that education goes beyond the classroom, which is why we offer a rich and varied enrichment programme designed to inspire creativity, develop new skills, and broaden horizons. Students can take part in a wide range of activities, from sport and fitness sessions that promote wellbeing and teamwork, to art workshops that encourage self-expression and imagination. Our sign language course offers a valuable opportunity to learn an important life skill and promote inclusivity, while STEM enrichment challenges students to think critically and innovate through hands-on projects and problem-solving. For those with a passion for creativity and performance, our performing arts programme provides the perfect platform to build confidence and showcase talent. Together, these opportunities help every student grow personally, socially, and academically, preparing them for success beyond Sixth Form.

AQA Examination Board

A Level Art & Design: 3D Design

Everything we see, touch and interact with has been designed. Play a role in shaping the future of mankind.
You will be involved in designing, creating, and solving problems in order to meet functional and aesthetic needs. The emphasis is on learning how and why products are designed and made, and how you as a designer can make improvements.

If you like the idea of designing using freehand drawing as well as computer-generated techniques, and you want to make products using a variety of resistant materials then this is the course for you.

If you enjoy working with resistant materials such as wood, metals, and plastics and have an interest in architecture, Product and furniture design then this is the course for you!

At A-level you will complete two components. For component 1, you will develop work for a personal investigation into an idea, issue, concept or theme supported by written material. This will count for 60% of your total A level marks. In component 2 you will produce personal work in response to one of eight exciting starting points which will count for 40% of your total A-level marks.

Subject Enrichment

Art and Design Workshops

Trip to Art Museums in Paris

How will you be assessed?

Exams	✓
Coursework	✓
Other	

Edexcel Examination Board Pearson Level 3 Alternative Academic Qualification BTEC National in Applied Science (Extended Certificate).

AAQ Applied Science

The Alternative Academic Qualification (AAQ) in Applied Science offers a powerful combination of academic knowledge and hands-on experience, making it ideal for students who enjoy science and want to see how it works in the real world.

The qualification covers the following topics:

- *Principles and Applications of Biology – Structure and function of cells and tissues, biological molecules, enzymes and their role in organisms*

- *Principles and Applications of Chemistry – Structure of the Periodic Table and its implications on physical and chemical properties of substances, through analysis of different bonding methods*

- *Principles and Applications of Physics – Waves and their applications; force principles and their application in transportation and construction of electrical circuits*

- *Practical Scientific Procedures and Techniques – Practical applications across the sciences, including chromatography, colorimetry and electrical circuits.*

- *Scientific Investigation Skills – Investigative research, including planning, data collection, analysis and evaluation*

Subject Enrichment
- *A wide range of practical activities*
- *Links with Worcester University Forensics Department*

How will you be assessed?

Exams	✓
Coursework	✓
Other	

AQA Examination Board

A Level Art & Design: Fine Art

Are you creative and imaginative? Do you enjoy exploring ideas and looking at things in different ways? If so, you should consider a course in fine art. Fine art is about looking, learning, thinking and communicating. You will enjoy developing your understanding of the visual world, learning practical skills and responding to ideas and issues in ways that are personal to you.

A-level Fine Art is a practical course in which you learn by doing, so you will be able to create imaginative personal work. You will find out about a whole range of media, techniques and processes. You will develop your creativity and independent thought, learn to express yourself visually and let your imagination flourish. Fine art is a great companion to all other subjects as creativity, imagination and problem solving skills can give you great ideas for your other subjects.

You will have the opportunity to develop skills in these areas of Fine Art:

- *Drawing*
- *Painting*
- *Mixed-media (including collage and assemblage)*
- *Sculpture*
- *Ceramics*
- *Installation*
- *Printmaking*
- *Moving image (animation, film and video)*

Subject Enrichment

Art and Design Workshops

Trip to Art Museums in Paris

How will you be assessed?

Exams	✓
Coursework	✓
Other	

Edexcel Examination Board

A Level Biology

The Edexcel course provides essential knowledge and understanding of different areas of chemistry and how they relate to each other. It covers the main areas of physical, inorganic and organic chemistry whilst supporting students to develop a wide range of mathematical and practical skills. During the first term students revisit key knowledge from GCSE and throughout the course they build upon this foundation so that they are able to apply their knowledge to a real-life context and widen their understanding to ensure a broad knowledge in the field of chemistry.

The course provides students with:

- *A deep appreciation of the skills, knowledge and understanding of scientific methods*
- *Competence and confidence in a variety of practical, mathematical and problem-solving skills*
- *Interest in and enthusiasm for chemistry, including developing an interest in further study and careers associated with the subject*
- *An understanding of how society makes decisions about scientific issues and how the sciences contribute to the success of the economy and society.*

Students are encouraged and supported to work as scientists, with opportunities to undertake research projects, write reports and essays, and deliver presentations to their peers and teachers. Students are able to use practical work effectively, such as using titration to study the rate of chemical reactions or using their understanding of pharmaceutical chemistry to synthesise aspirin.

Subject Enrichment

STEM debates and contemporary discoveries enrichment

How will you be assessed?

Exams	✓
Coursework	
Other	

AQA Examination Board

A Level Business

Business offers students the opportunity to gain an understanding of their role within the local, national and international business world around them. The AQA A Level in Business actively encourages students to develop their practical and theoretical skills when analysing contemporary business issues. Similarly, students learn how to critically analyse a variety of business environments and strengthen their decision-making techniques in order to analyse the future viability of a business.

What is assessed at A Level?

Year 12

1. *What is business?*
2. *Managers, leadership and decision making*
3. *Marketing management*
4. *Operational management*
5. *Financial management*
6. *Human resources management*

Year 13

1. *Analysing the strategic position of a business*
2. *Choosing strategic direction*
3. *Strategic methods and when and how to implement these*
4. *Managing strategic change*

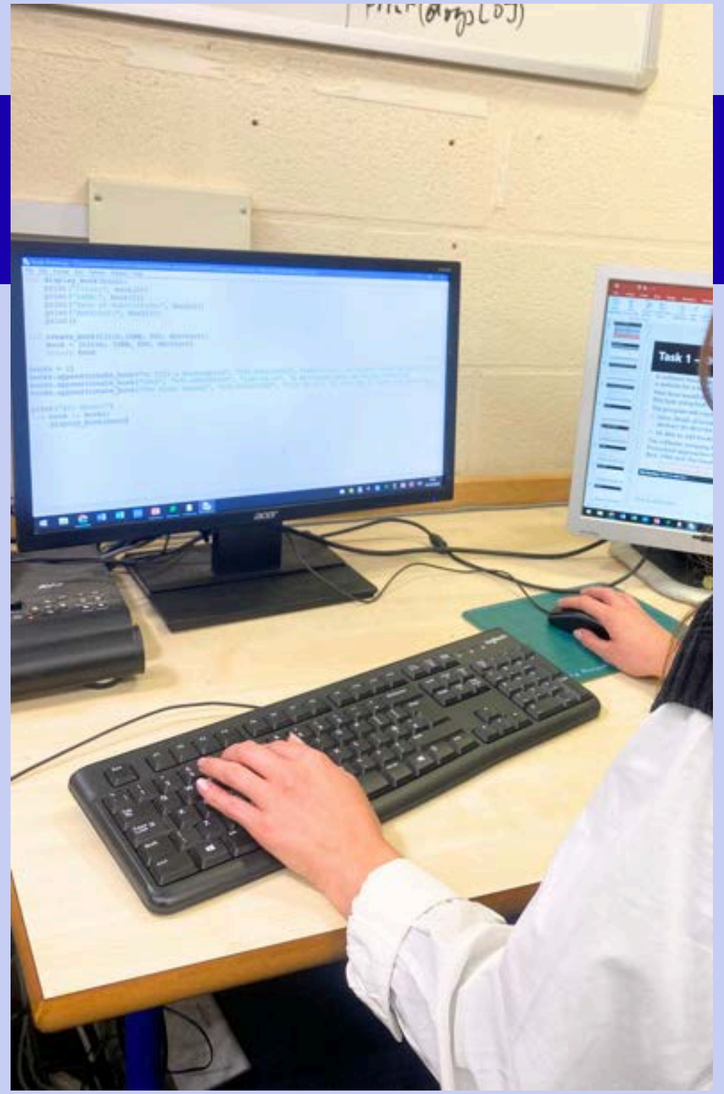
Subject Enrichment
External speakers and workshops, university engagements and Tutor2u business workshops.

How will you be assessed?

Exams	✓
Coursework	
Other	

OCR Examination Board

A Level Computer Science



The aims of the OCR Computer Science course are to widen participation in vocational or work-related learning with a view to equipping learners with skills they will need in the workplace or in Further Education and training. The course focusses more on the technical side of computer use rather than the use of software.

This course is relevant to the modern and changing world of computing. It is an intensely creative subject that combines invention and excitement, and can look at the natural world through a digital prism. OCR's A Level in Computer Science will value computational thinking, helping learners to develop the skills to solve problems, design systems and understand the power and limits of human and machine intelligence. Learners will develop an ability to analyse, critically evaluate and make decisions. The extended project element is valuable evidence that students can take with them to Further Education, Higher Education and the workplace.

The key features of this specification encourage:
·Emphasis on problem solving using computers
·Emphasis on computer programming and algorithms
·Emphasis on the mathematical skills used to express computational laws and processes, eg Boolean algebra/logic and comparison of the complexity of algorithms
·Less emphasis on ICT

Traditional questions concerning computational thinking:
·Elements of computational thinking
·Programming and problem solving
·Pattern recognition, abstraction and decomposition
·Algorithm design and efficiency
·Standard algorithms

Subject Enrichment

- *Students are taught C# and the Unity game engine*
- *Robotics club*
- *STEM enrichment*

How will you be assessed?

Exams	✓
Coursework	✓
Other	

Edexcel Examination Board

A Level Chemistry

The Edexcel course provides essential knowledge and understanding of different areas of chemistry and how they relate to each other. It covers the main areas of physical, inorganic and organic chemistry whilst supporting students to develop a wide range of mathematical and practical skills. During the first term students revisit key knowledge from GCSE and throughout the course they build upon this foundation so that they are able to apply their knowledge to a real-life context and widen their understanding to ensure a broad knowledge in the field of chemistry.

The course provides students with:

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Subject Enrichment

STEM debates and contemporary discoveries enrichment

How will you be assessed?

Exams	✓
Coursework	
Other	

Edexcel Examination Board

A Level Drama & Theatre Studies

This course has been designed to engage students through encouraging creativity, focusing on practical work which reflects 21st century theatre practice. It is a highly enjoyable course in which you will develop your understanding of theatre from both a performance and design perspective.

You will learn advanced performance techniques: vocal and physical discipline and adaptation; creating and developing characterisation; movement and gesture in a range of theatrical styles; interpreting a script with sensitivity and creativity; successful ensemble dynamics; working with as a director. You will acquire appropriate language with which to analyse design, performance and technical elements of a live theatre production in detail and with secure justification. You will learn to apply the theories of influential theatre practitioners to your own performance work with sensitivity and intelligence to be assured of an intended response from your audience.

Component 1: Devising (40% of the qualification)

Component 2: Text in Performance (20% of the qualification)

Component 3: Theatre Makers in Practice (40% of the qualification)

Subject Enrichment
Creating, directing and performing in the Sixth Form Production. Frequent Live Theatre Trips and external workshops.

How will you be assessed?

Exams	✓
Coursework	✓
Other	✓

Edexcel Examination Board

A Level English Literature

The first year of this course introduces students to the discipline of advanced literary study and requires focused study of the content, context and reception of literature. The second year extends and builds on this study and develops the skills needed to analyse, evaluate and compare literary works.

Over the course you will acquire:
· A critical and cultural overview of complex literary texts and criticism
· The analytical and essay-writing skills needed to convey a developed response to reading in writing
· How to research into the background and reception of literary texts
· The ability to evaluate the political, cultural, personal and social impact of literature

Year 12
Unit 1: Modern Poetry; Modern Drama
·A collection of poems from 'Poetry of the Decade' anthology (post-2000)
·'A Streetcar Named Desire' by Tennessee Williams
Unit 2: Prose
·'Frankenstein' by Mary Shelley
·'The Handmaid's Tale' by Margaret Atwood
Unit 3: Coursework
·Students choose two literary texts for their own individual focus and analysis
Year 13
Unit 1: Drama (tragedy)
·'Othello' by William Shakespeare
·'A Streetcar Named Desire' is revised
Unit 2: Prose
·The two novels studied in Y12 (revision)
Unit 3: Poetry
·Poems by the Romantic poet John Keats.

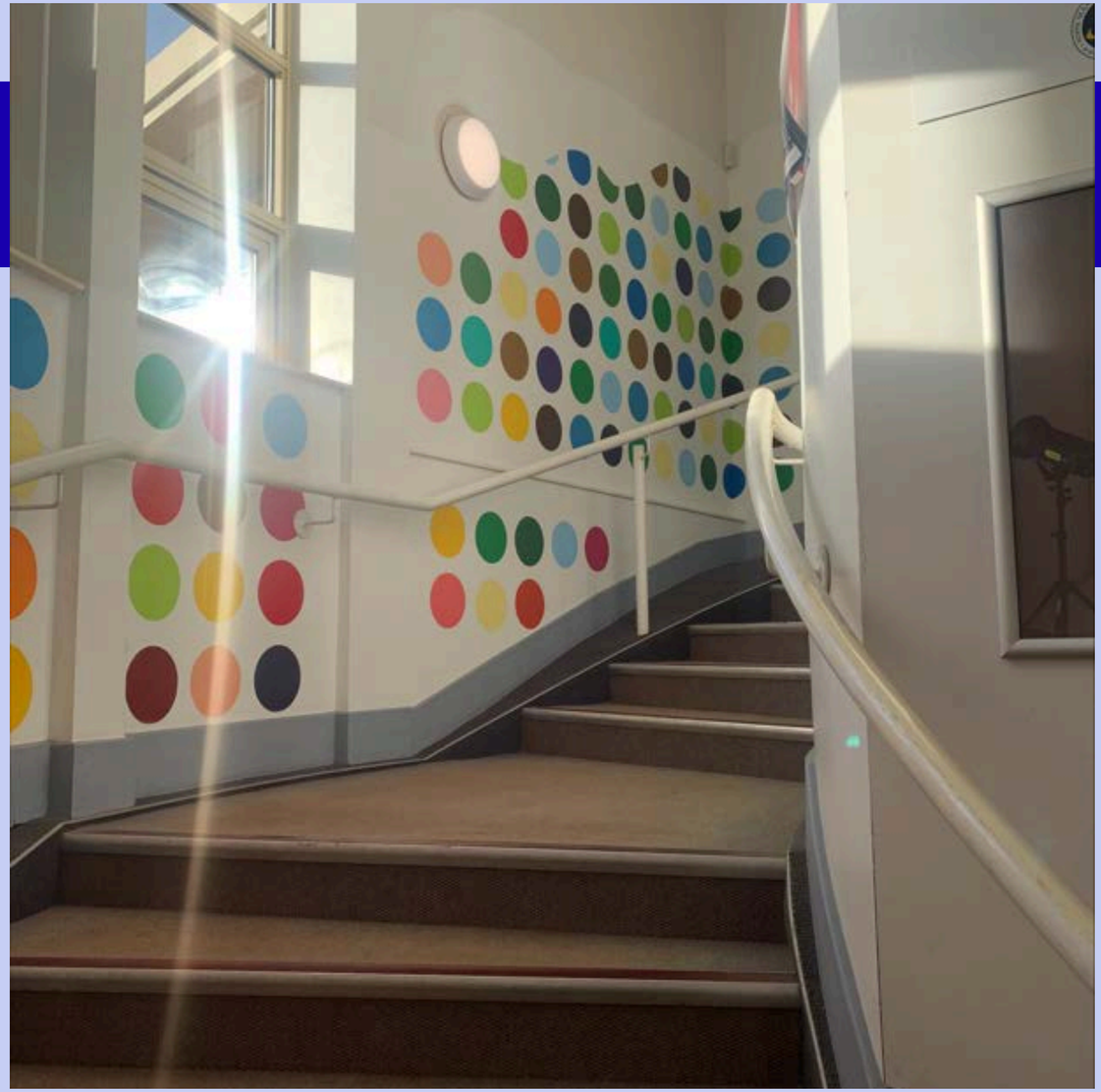
Subject Enrichment
Theatre visits; trips to the Mary Shelley museum in Bath; a residential trip to London to consider literature in the context of the capital.

How will you be assessed?

Exams	✓
Coursework	✓
Other	

AQA Examination Board

*Extended Project Qualification (EPQ)**



In Y12 students are given the opportunity to choose to complete an Extended Project Qualification which is entirely driven by individual interest and direction. This can either be be a practical project, creating an artefact of their choice – for example a short story, a musical composition, an app, a fresco, a family history guide - with a 1000-word report, or a 5000-word extended essay on a research topic they have chosen. A fifteen-minute presentation on their project is also required as part of the EPQ.All students also need to complete a detailed production log which asks students to reflect on their choice, research, and completion of all parts of the project.

The choice of EPQ is made in the autumn term of Y12 with the support of. Early taught sessions focus on how to choose a project and how to support the planning and completion of the research needed. The supervisor familiarises students with the production log and encourages students to keep to deadlines and project parameters. Preliminary research begins before Christmas, while research is completed in the spring and summer terms.The main extended essay is written up/the main artefact is completed over the summer holiday, and the artefact report and production log are finalised in the autumn term of Y13, with the presentation being held in November of Y13.

The photo shows a past EPQ project where a student investigated the role of colour on mood.

*To be studied alongside 3 other courses**

How will you be assessed?

Exams	
Coursework	✓
Other	

Educas Examination Board

A Level Film Studies

Learners encounter a range of accessible films and develop a wide range of transferable skills from critical thinking to technical literacy. In addition, students are able to study theoretical film analysis alongside practical production.

Over the two years, students study the following three components:

Component 1: Varieties of film and filmmaking (6 films studied in total)

Component 2: Global filmmaking perspectives (5 films studied in total)

Component 3: Production

You will study a range of films such as...

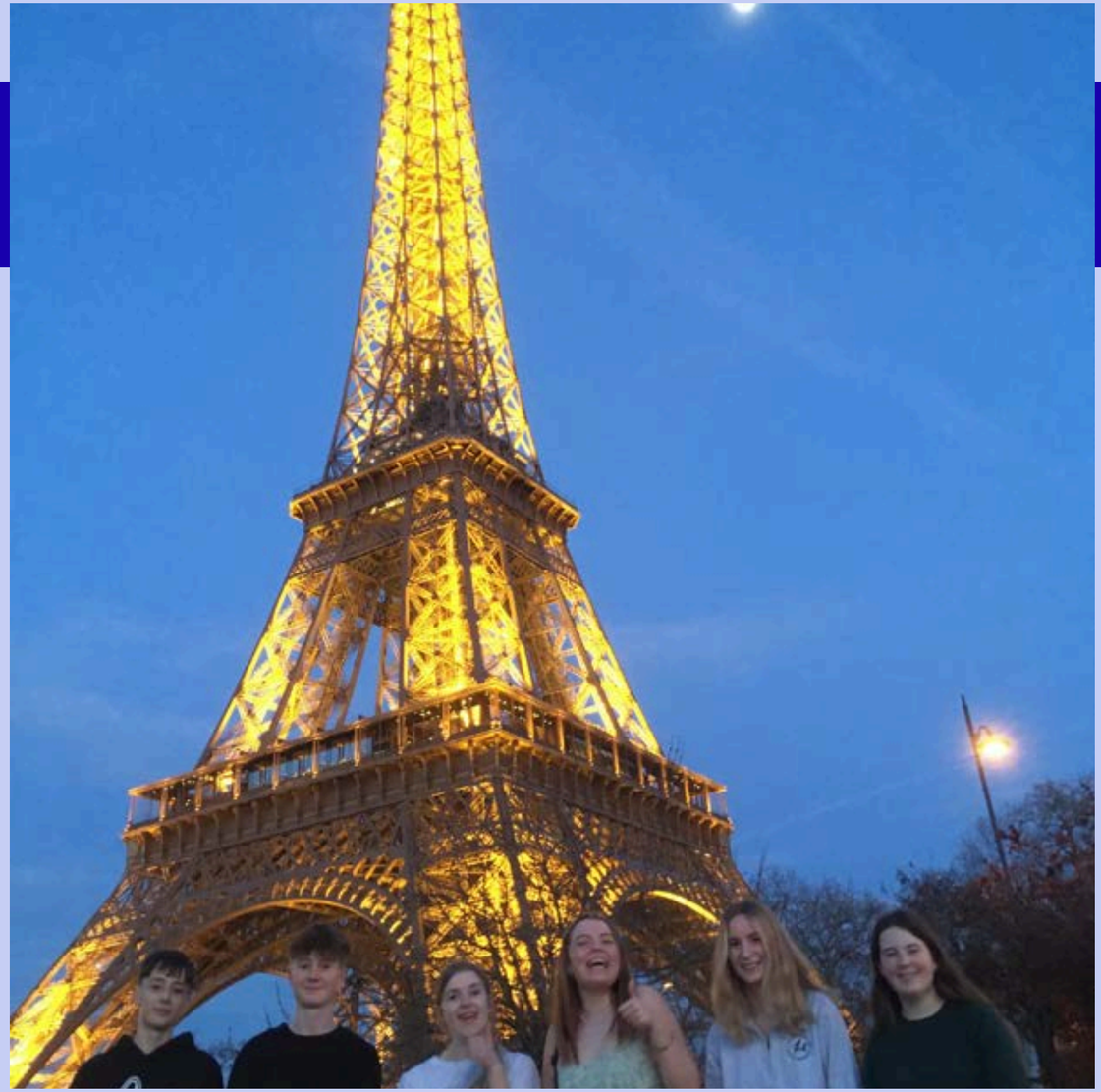
- *Vertigo (Hitchcock, 1958), PG*
- *One Flew Over the Cuckoo's Nest (Forman, 1975), 15*
- *Inception (Nolan, 2010), 12A*
- *Boyhood (Linklater, 2015), 15*
- *Trainspotting (Boyle, 1996), 18*
- *This is England (Meadows, 2006), 18*
- *Pan's Labyrinth (Del Toro, Spain, 2006), 15*
- *House of Flying Daggers (Zhang, China, 2004), 15*
- *Amy (Kapadia, UK, 2015), 15.*
- *Sunrise (Murnau, US, 1927), U*
- *Pulp Fiction (Tarantino, US, 1994), 18*

How will you be assessed?

Exams	✓
Coursework	✓
Other	

AQA Examination Board

A Level French



Speaking a language enhances confidence and social skills. Studying a language gives a deeper knowledge and understanding of the culture and civilisation of another country and the ability to question your own ideas and the ideas of others from a broader perspective.

This course builds upon the four skills acquired at GCSE and fosters a deeper understanding of the culture and language through more contemporary topics which encourage discussion and debate. In the first year, students study social and technological change alongside highlights of artistic culture such as festivals, music, art and cinema, plus a film or literary text.

In the second year, students explore the influence of the past on present-day communities and study a variety of contemporary issues such as immigration and the changing landscape of Europe. Students will have the opportunity to carry out independent research on an area of their choice in preparation for their A2 oral exam.

Listening, Reading & Writing

Writing

Speaking

Subject Enrichment

Weekly one to one 30 minutes conversation with a native speaker

Year 12/13 trip to Paris in the spring term to support topics studied

How will you be assessed?

Exams	✓
Coursework	
Other	✓

Edexcel Examination Board

A Level Geography

Relevant and engaging to today's Geographers this course allows students to engage critically with real world issues and places. The specification allows a balance between students' own particular physical, human and/or environmental interests and contemporary geographical topics that reflect our dynamic and ever changing world. This course provides students with the knowledge, understanding and skills to view the world holistically and prepares students for further study at higher education or for employment. It also includes an independent investigation, where students can explore further their own preferences within the exam board framework.

The specification has been designed to allow geographers the flexibility to build programmes that suit their own particular interests and needs. In Y12, there are field trips to Swanage and Studland Bay to study Dynamic Coasts, and Gloucester Quays to study Urban and Rural Regeneration.

Tectonic Hazards and Processes
Coastal Landscapes and Change
Globalisation
Superpowers
Regenerating Places
The Water Cycle and Water Insecurity
The Carbon Cycle and Energy Security
Health, Human Rights and Intervention

Subject Enrichment

4 days of fieldwork in Swanage, Studland and Gloucester.

How will you be assessed?

Exams	✓
Coursework	✓
Other	

AQA Examination Board

A Level German

Speaking a language enhances confidence and social skills. Studying a language gives a deeper knowledge and understanding of the culture and civilisation of another country and the ability to question your own ideas and the ideas of others from a broader perspective.

This course builds upon the four skills acquired at GCSE and fosters a deeper understanding of German culture and language through more contemporary topics which encourage discussion and debate.In the first year, students study social and technological change alongside highlights of artistic culture such as festivals, music, art and cinema, plus a film or literary text.

In the second year, students explore the influence of the past on present-day communities and study a variety of key issues such as immigration and the changing landscape of Europe. Students will have the opportunity to carry out independent research on an area of their choice in preparation for their A2 oral exam.

Paper 1 - Listening, Reading & Writing

Paper 2 - Writing

Paper 3 - Speaking

Subject Enrichment

Weekly one to one 30 minutes conversation with a native speaker
Year 12/13 trip to Berlin in the spring term to support topics studied

How will you be assessed?

Exams	✓
Coursework	
Other	✓

OCR Examination Board

AAQ Health & Social Care

With the demographics in the UK changing rapidly and the population living longer, the health and social care sectors will experience huge growth over the next few years. For those wishing to work in these sectors, this course provides a solid foundation of knowledge, practical skills and experience.

This course is designed to help students learn practical skills and develop knowledge that can be applied to real-life contexts and work situations, to think creatively, analytically, logically and critically and develop independence and confidence in using skills that would be relevant to the health and social care sector and more widely.

The Extended Certificate course is equivalent to 1 A Level (360 Guided Learning Hours). The course is a combination of exam units and internally assessed units which are taken throughout both years. It is taught over 4 periods a week with additional directed and supervised study periods. The course provides an introduction to the Health and Social Care sector through applied learning.

Mandatory Units for the Extended Certificate:
·Unit 1 – Principles of Health and Social Care (F090)
·Unit 2 - Anatomy and Physiology for Health and Social Care (F091)
·Unit 3 – Person-centred approach to care (F092)
·Unit 4 – Supporting people with mental health conditions (F093)

As well as the mandatory units, a further two units are covered for the Extended Certificate. These could be:
·F094- Supporting people with long term physiological conditions
·F095 - Investigating public health
·F096 - Supporting people in relation to sexual health, pregnancy and postnatal health
·F097- Supporting healthy nutrition and lifestyles

Subject Enrichment
We have forged links with local care homes to complete visits and work experience.
Students will have the opportunity to support local primary school children with reading and other interventions.

How will you be assessed?

Exams	✓
Coursework	✓
Other	

AQA Examination Board

A Level History

Studying History helps you develop analytical skills and understand how past events shape the modern world.

in this course we will cover:

Unit Y113 - Britain 1930-1997
Churchill: 'in the wilderness' 1930-39, and leadership during the Second World War; 1951-63 Conservative domination – "Never had it so good" or 13 wasted years?; The 'age of consensus'; The Profumo Affair; Trades unions and the 'Winter of Discontent'; Thatcher's Britain; The UK in conflict: Korea, Suez, the Falklands and the Gulf War; The end of Empire, the transition to Commonwealth and the impact of immigration.

Unit Y221 – Democracy and Dictatorships in Germany 1919-1963
The rise and fall of the Weimar Republic; The rise of Hitler and life in Nazi Germany; The Impact of World War Two; Divided Germany 1949-1963 – communism vs democracy.

Unit Y306 – Rebellion and Disorder in the Tudor period 1485-1603
The causes, nature and impact of rebellions including:
Henry VII: Yorkshire 1489; Cornish & defeat of Warbeck 1497. Henry VIII: Amicable Grant 1525; Pilgrimage of Grace 1536. Edward VI: Prayer Book & Kett's 1549. Mary I: Wyatt's 1554;. Elizabeth: Northern Earls 1569-70; Tyrone's 1594-1603; Essex's Rebellion 1601

Unit Y100 – Independent Investigation
Students research, plan and undertake their own investigation into a topic of their choice.

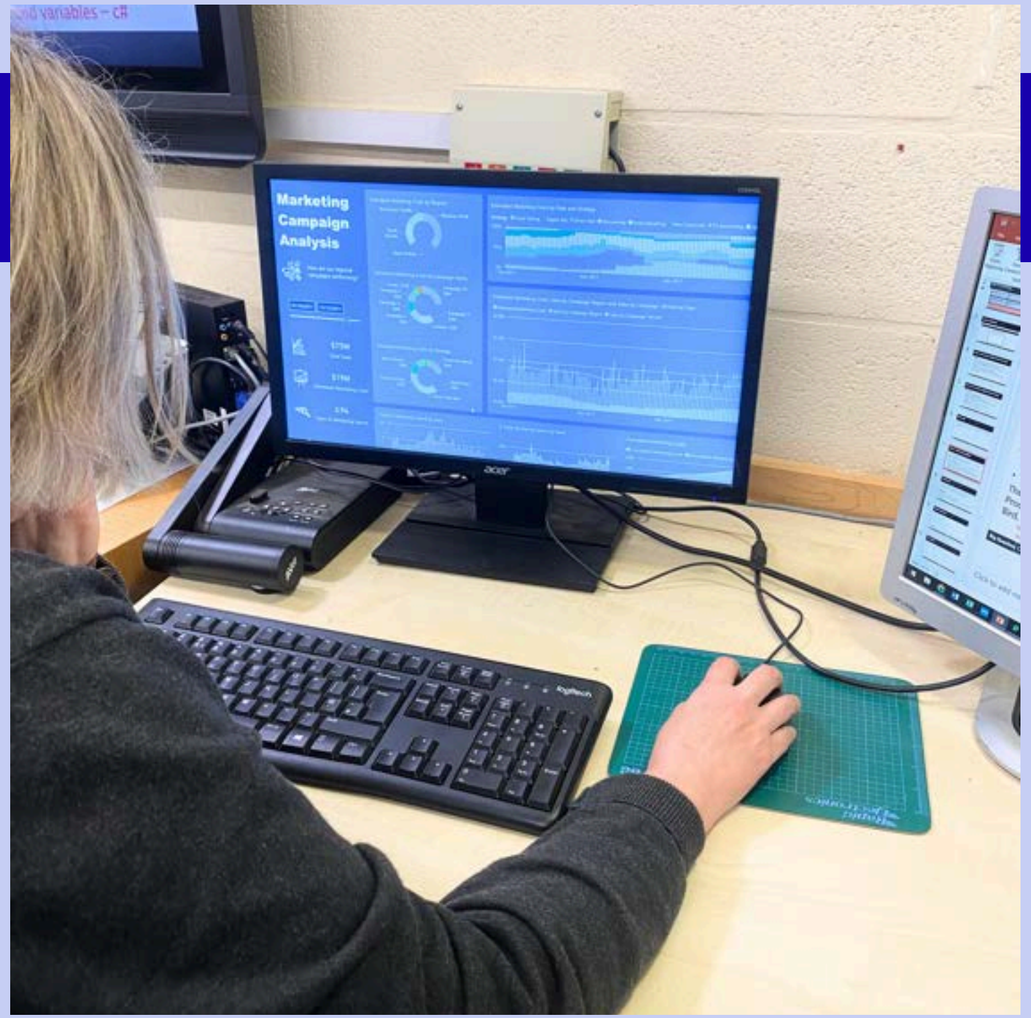
Subject Enrichment
Berlin trip
Lessons from Auschwitz project

How will you be assessed?

Exams	✓
Coursework	
Other	✓

OCR Examination Board - Cambridge Advanced National

AAQ IT: Data Analytics



Students will develop practical skills for gathering, storing, analysing and accessing data as well as how to create visualisations, dashboards and presentations. On this course, you're not just learning theory — you're building a portfolio of practical experience that employers and universities really value.

Course structure:

F200: Fundamentals of Data Analytics (Exam)

F201: Big Data and Machine Learning (Exam)

F202: Spreadsheet Data Modelling (NEA Assignment)

F203: Relational Database Design (NEA Assignment)

F205: Data Visualisation (NEA Assignment)

Subject Enrichment

Robotics club

How will you be assessed?

Exams	✓
Coursework	✓
Other	

OCR Examination Board

A Level Law

Studying Law teaches you how legal systems work and sharpens your ability to construct clear, logical arguments.

The course following 4 componenents:

Component 01: The legal system and criminal law
Section A: The legal system focuses on civil and criminal courts, the legal professions, and access to justice. Section B: Criminal law focuses on the rules and general elements of criminal law, criminal liability, offences against the person, offences against property and defences.

Component 02: Law making and the law of tort
Section A: Law making focuses on law making in England and Wales as well as the European Union. Section B: The law of tort (part of the law that deals with civil wrongs) focuses on the rules of tort, liability in negligence, occupiers' liability and remedies (how the cases are solved).

Component 03: The nature of law and Human rights
In Section A: The nature of law focuses on the nature of law in a wider context and how it interacts with morality, justice and society. Section B: Human rights law focuses on the protection of human rights and freedoms, key provisions of the European convention on human rights and the restrictions and enforcement of human rights law.

Component 04: The nature of law and the law of contract
Section A: The nature of law focuses on the nature of law in a wider context and how it interacts with morality, justice and society. Section B: The law of contract focuses on the central elements of contract law from the formation of contracts and to what extent are they legally binding.

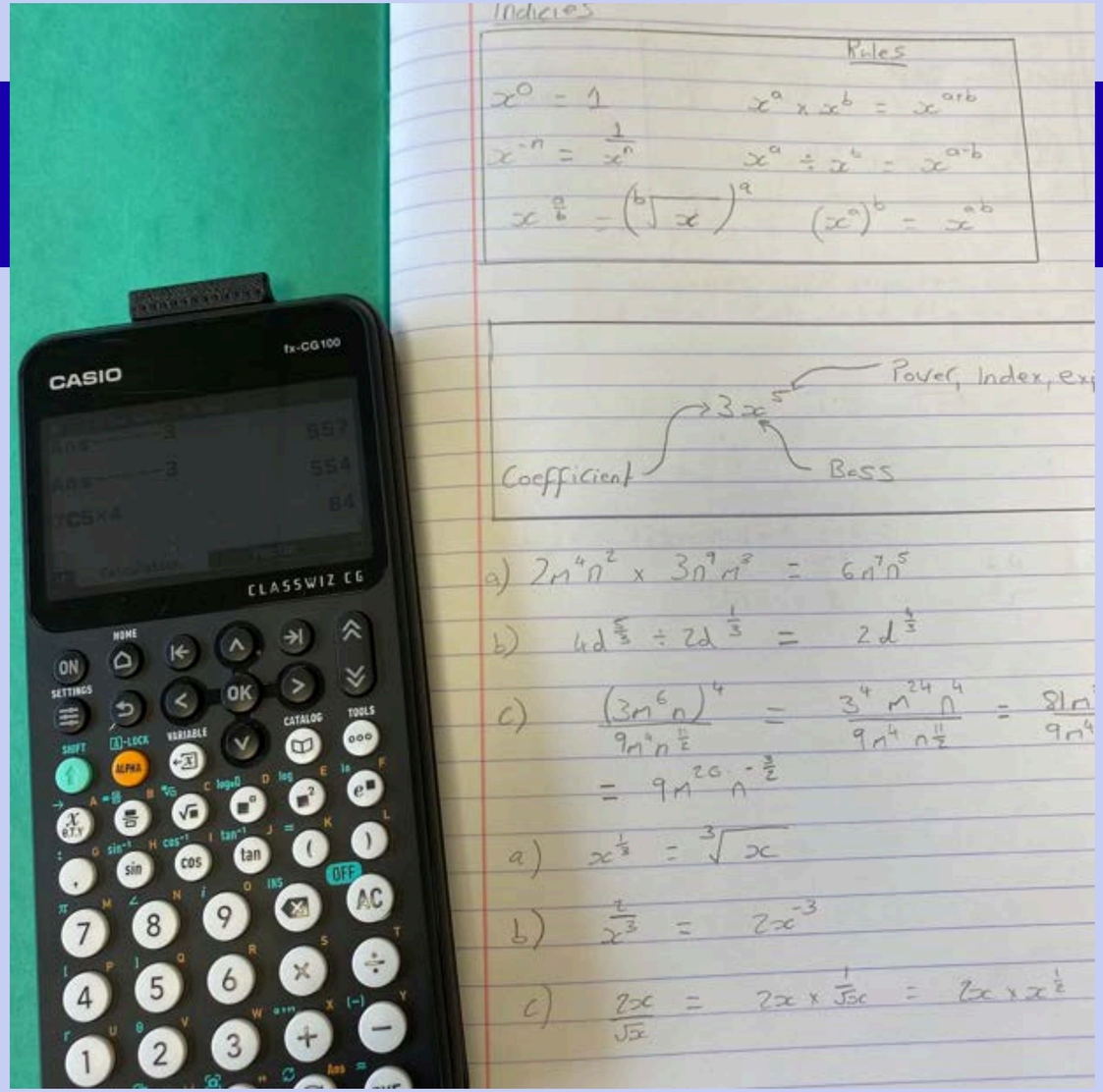
Subject Enrichment
Supreme court visit – tour and watch a judicial hearing.
UK Parliament Guided tour

How will you be assessed?

Exams	✓
Coursework	
Other	

Eduqas Examination Board

A Level Mathematics



A-level Mathematics is often thought of as a subject of complicated calculations. However, calculations form only a small part of this rigorous discipline which requires clear thinking and the development of specific ideas into generalised solutions. A-level Mathematics gives you the opportunity to study topics such as geometry, calculus and trigonometry (pure mathematics) and to use these ideas within the 'applied' topics such as mechanics and statistics.

Pure mathematics develops algebraic and geometrical reasoning and underpins the other disciplines. The work you do in and out of class will develop your ability to produce well-reasoned answers to extended questions. Although maths is highly logical, it also requires imagination and determination to work well on your own.

Mechanics is strongly linked to physics and builds on ideas of motion and forces to work out how and why objects move.

Statistics allows us to make sense of the complex and variable world around us via analytical methods in order to draw reliable conclusions from 'sets' of information.

You will learn how to model real-life situations in mathematical terms, how models are refined and how to identify limitations within this process. You will be expected to use technology where appropriate; for example, the use of spreadsheets and graphical calculators to support statistical analysis. In addition, strong skills in algebraic manipulation are vital.

How will you be assessed?

Exams	✓
Coursework	✓
Other	✓

Eduqas Examination Board

A Level Further Mathematics

Further Maths is designed for students with an enthusiasm and passion for mathematics. The qualification is both deeper and broader than A-Level Maths.

As well as building on algebra and calculus introduced in A-Level Maths, the A-Level Further Maths core content introduces complex numbers, matrices, conic sections, series expansions, polar co-ordinates, hyperbolic functions, further calculus and vectors. When these new ideas are introduced there is a greater focus on proof with students exploring the limitations of their models.

In addition to the Further Pure Mathematics content students study further applied units in mechanics and statistics.

Further Mechanics builds upon the mathematical modelling techniques students have previously learnt and considers concepts such as energy, collisions, circular motion, centres of mass and stability of systems of particles.

In Further Statistics students study in greater depth the properties of both discrete and continuous probability distributions. This knowledge is then applied studying further probability distributions such as Poisson, chi-squared, exponential and the t-distribution; using these for hypothesis testing.

How will you be assessed?

Exams	✓
Coursework	✓
Other	✓

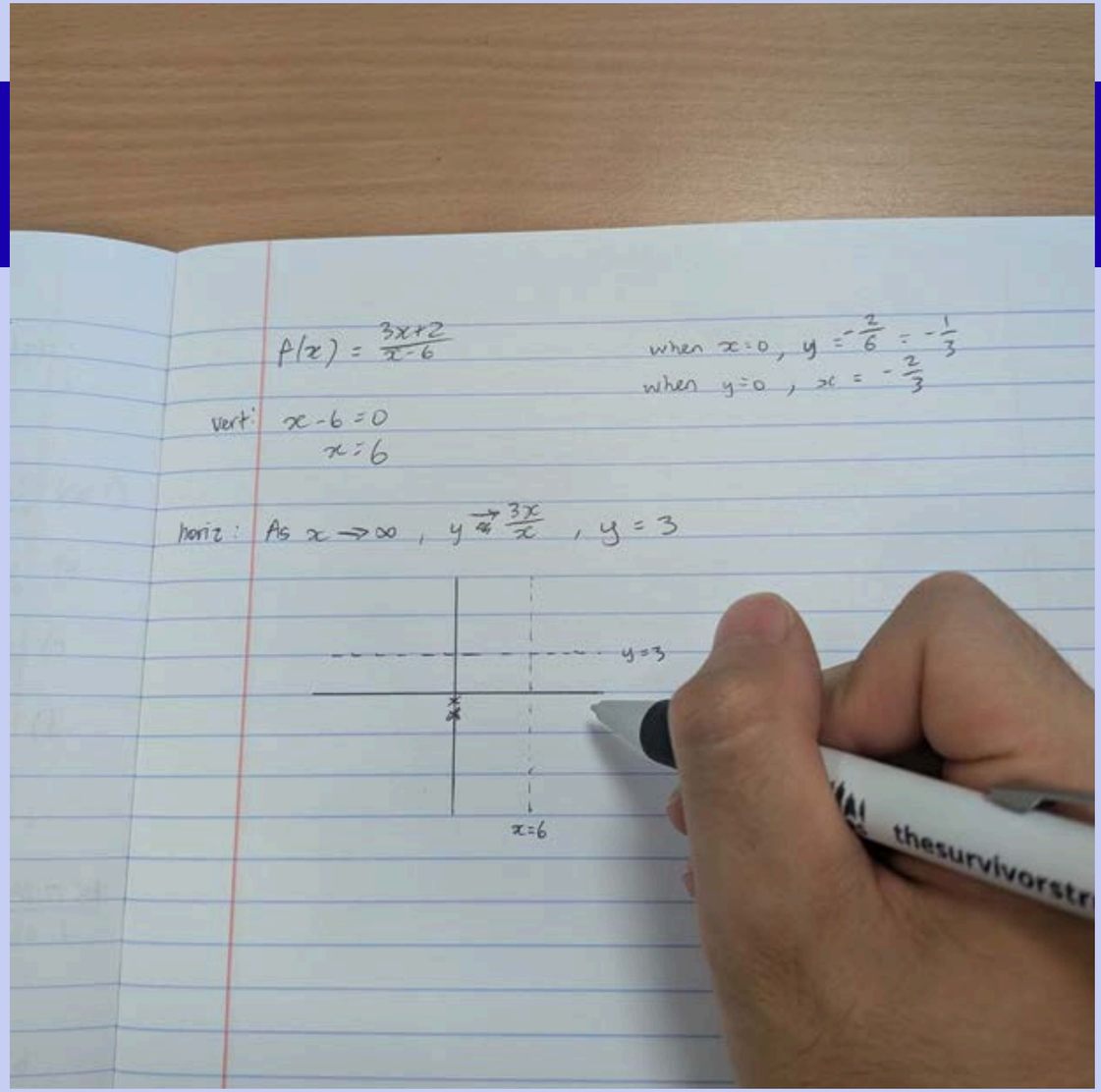
AQA Examination Board

Mathematical Studies*

It is ideal if you want to continue your mathematical education but do not want to commit to maths A Level. The course is designed to help with everyday maths and contains topics on taxation, the cost of finance, critical analysis of mathematical information and statistics used in other A level subjects. As it is equivalent to half an A level it will boost your UCAS points. It is a new course but it is fast becoming a subject that is sought after by Universities and employers.

Mandatory
·3.1 Analysis of data
·3.2 Maths for personal finance
·3.3 Estimation
·3.4 Critical analysis of given data and models

Optional
·3.5 The normal distribution
·3.6 Probabilities and estimation
·3.7 Correlation and regression
or
·3.8 Critical path and risk analysis
·3.9 Expectation
·3.10 Cost benefit analysis
or
·3.11 Graphical methods
·3.12 Rates of change
·3.13 Exponential functions



*This qualification is equivalent to half of an A Level and will be studied alongside 3 other courses**

How will you be assessed?

Exams	✓
Coursework	
Other	

Eduqas Examination Board

A Level Music

This is an enjoyable music course in which you will develop a wide range of skills in performing, composing and analysing music that builds on your GCSE study.You will perform on your instrument, develop skills in composing for different genres, analyse a variety of music and develop knowledge of musical harmony.
You will study three contrasting genres. The Western Classical Tradition and the Contemporary Music modules are required. There are three options for the Popular Music module. Only one of these will be studied, and it will be chosen to suit the strengths and interests of the cohort.

Western Classical Tradition/ The Development of the Symphony 1750-1900/ Set works: Haydn Symphony No. 104, Mendelssohn Symphony No. 4

Popular Music/ Rock and Pop Music 1960-2000, Pop, rock, soul, funk, folk/ Musical Theatre
Rodgers, Bernstein, Sondheim, Schönberg, Lloyd Webber, Schwartz

Jazz 1920-1960/ Ragtime, Dixieland, Early Jazz, Big Band and Swing, Bebop, Cool Jazz

Contemporary Music
Into the 20th Century/ Impressionism, Expressionism, Neoclassicism/ Set works: Debussy Nuages, Poulenc Trio for Oboe, Bassoon and Piano mvt II

Subject Enrichment

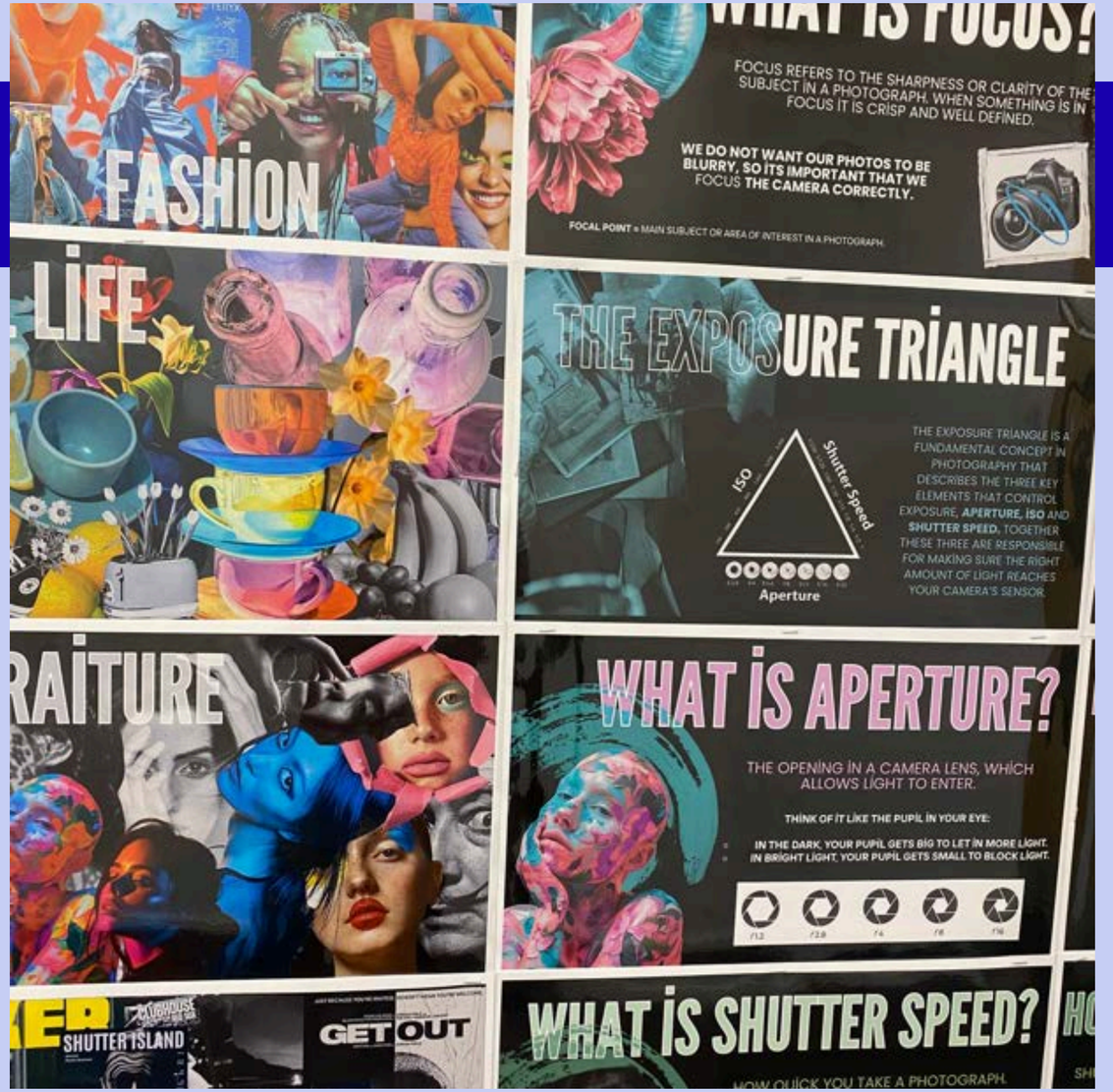
Performance opportunities in school and in the local community. A wide variety of extra-curricular activities. Music related trips, for example to see an orchestral concert.

How will you be assessed?

Exams	✓
Coursework	✓
Other	✓

AQA Examination Board

A Level Art & Design: Photography



The Photography Art and Design A Level prepares students for producing and working with images, both digitally and physically. It is also a good way to develop general design skills.
The main purpose of the Photography course is to develop your ability to appreciate the visual world and to enable you to respond in a personal and creative way.
The art department staff devise and implement projects which will encourage you to:

- *Question all preconceived notions of art and photography and personal ability*
- *Trust your creative instincts*
- *Express your ideas and feelings through the controlled use of a broad range of materials and techniques*
- *Investigate and relate to all the evolutionary processes that are inherent in the development of good artwork*
- *Articulate issues relating to the work of other artists/photographers from a variety of cultures, past and present*
- *Learn how to use cameras to do this*

At A-level you will complete two components. For component 1, you will develop work for a personal investigation into an idea, issue, concept or theme supported by written material. This will count for 60% of your total A level marks. In component 2 you will produce personal work in response to one of eight exciting starting points which will count for 40% of your total A-level marks.

Subject Enrichment

Art and Design Workshops

Trip to Art Museums in Paris

How will you be assessed?

Exams	✓
Coursework	✓
Other	

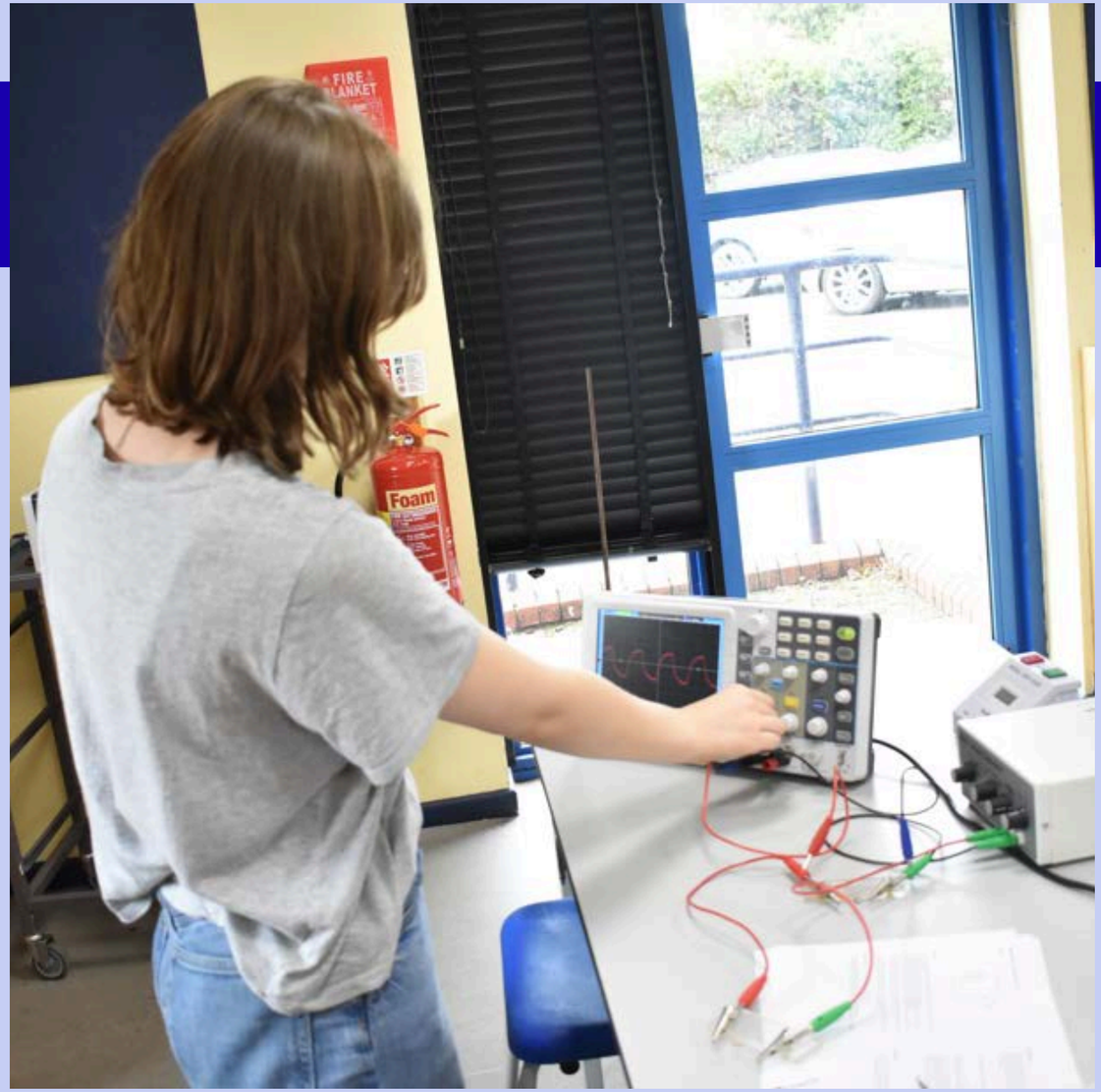
Edexcel Examination Board

A Level Physics

At A-Level you will learn about scientific ideas and models which range in scale from the fundamental particles that matter is made from, to whole Universe and its eventual fate. Units will expand significantly on material you studied at GCSE (eg forces, energy, waves and electricity) and you will also meet completely new content including aspects of materials science, quantum effects and particle physics.

A practical approach is used throughout and this work requires planning, decision making and analysis to a high standard. The course is demanding, which adds to its reputation as a rigorous and impressive qualification to possess, but it is also very interesting and, perhaps in defiance of expectations, a lot of fun...

Physics instils key transferable skills: in particular, you will develop your ability to solve problems, both theoretical and practical, and will also become significantly more adept at analysing and interpreting data. You will become comfortable with the use of equations and numerical work in general. The ICT component of the course is continually expanding and it is intended that the use and creation of computer simulations and models become more central to everyday classwork to reflect the demands of modern workplaces and research environments.



Subject Enrichment

- Visit to Nuclear Research centre CERN (Switzerland)
- STEM debates and contemporary discoveries enrichment

How will you be assessed?

Exams	✓
Coursework	
Other	

AQA Examination Board

A Level Psychology

The course content for the first year of A-Level will aim to develop students' broad knowledge and understanding of the core areas of Psychology. During their second year, students will engage in issues and debates in Psychology as well as studying a number of key topics in depth.

Areas covered during the course:

- *Social Influence – How behaviour and beliefs are influenced by others and how we can resist this*
- *Memory – Models of memory, explanations of forgetting and eye witness testimony*
- *Attachment – the formation of attachments in infancy and the effects of institutionalisation*
- *Psychopathology – explaining and treating mental health disorder including depression, phobias and OCD*
- *Approaches – outlines the major approaches to explaining behaviour*
- *Biopsychology – the biological basis of behaviour, including the brain*
- *Research methods – the methods psychologists use to investigate behaviour*
- *Issues and debates – the overarching theme such as nature vs nurture*
- *Cognition and development – how thinking and reasoning develop in children*
- *Schizophrenia – the diagnosis, causes and treatments of schizophrenia*
- *Forensic psychology – offender profiling, theories of criminal behaviour and dealing with offenders*

Psychology students achieve:
·Knowledge and understanding in a range of areas
·Interpretation and analytical skills
·Critical thinking skills
·Research skills
·Presentation skills
·An ability to explain behaviours from different psychological perspectives

Subject Enrichment

Outside speakers
Educational trips

How will you be assessed?

Exams	✓
Coursework	
Other	

OCR Examination Board

A Level Sociology

Sociology explores how society functions and challenges you to think critically about social structures and issues.

Areas covered during the course:
·Socialisation, culture and identity – considers concepts and theoretical issues around social change, social order, social control and identities
·Media – How groups are represented in the media, the impact of social media on deviancy and representations within media
·Research methods – how social research is guided by theory, the research process and research methods in the context of social inequalities
·Understanding social inequalities – patterns and trends in social inequality and contemporary forms of inequality
·Globalisation and the digital social world – developments in digital communication and the impact on social capital and the digital divide
·Crime and deviance – Measuring crime, patterns of crime in a global context, social policy and crime prevention

Sociology students achieve:
·Knowledge and understand of contemporary social processes and changes
·Appreciate the significance of theoretical and conceptual issues in the sociological debate
·Develop skills that enable students to focus on their personal identity, roles and responsibilities within society
·Develop a life long interest in social issues

Subject Enrichment

Outside speakers

How will you be assessed?

Exams	✓
Coursework	
Other	

OCR Examination Board BTEC National Level 3 Extended Certificate

BTEC Sport

Anatomy and Physiology
Structure and functions of the skeletal system, movement analysis, skeletal systems responses to exercise, structure and functions of the muscular system, types of muscle contraction, muscle fibre types, muscular system responses to exercise, structure and functions of the respiratory system, mechanisms of breathing, gaseous exchange, lung volumes, respiratory systems responses to exercise, structure and function of the cardiovascular system, nervous control of the cardiac cycle, cardiovascular systems responses to exercise, the role of ATP in exercise, the three energy systems and the energy systems adaptations to exercise.

Fitness Training and Programming for Health, Sport and Well-being
Positive and negative lifestyle factors and their effect on health and well-being, lifestyle modification techniques, screening processes, health monitoring tests, programme-related nutritional needs, components of a balanced diet, hydration, nutritional strategies for athletes taking part in training programmes, components of fitness, training methods, principles of fitness and periodisation.

Professional Development in the Sports Industry
Scope and provision of the sports industry, careers and jobs in sport,

NEA: Practical Activities and Analysis of Performance in sport
There is a vast selection of sports that you can choose from and you do not have to take part in them at school. You are expected to compile video evidence of you performing the skills of and playing your sport that forms your practical grade. For a sport, you have to evaluate another performer and explain using technical vocabulary, (EAPI: Evaluation and Analysis for Performance Improvement) what they do well and what they need to improve upon. You will also need to draw on knowledge of the other modules to complete your presentation.

Subject Enrichment

Fixtures take place against other schools to allow you to hone your skills in some sports. Year 12 students will also take part in a University visit to develop a greater understanding of sport psychology and fitness testing.

How will you be assessed?

Exams	✓
Coursework	✓
Other	

Examination Board AQA

A Level Art & Design: Textiles

Students studying Textiles will have the opportunity to work with a variety of textile materials and techniques. Problem-solving will encourage independent learning and creativity, with relevant images, artefacts and resources being integral to the process. The students will have the opportunity to study a range of areas including the history of textile design, contemporary design, costume design and domestic textiles including wallpaper. They will be encouraged to be aware of current design issues, with visits to galleries, retail outlets and relevant exhibitions an important part of the course.
Students will be required to demonstrate skills in all of the following:

- *Awareness of the elements of textile design, such as shape, line, scale, colour, texture, pattern, contrast and/or repetition in relation to the chosen area(s) of textile design*
- *Awareness of intended audience or purpose for their chosen area(s) of textile design*
- *Ability to respond to an issue, concept or idea, working to a brief or answering a need in the chosen area(s) of textile design*
- *Appreciation of the relationship of form and function and, where applicable, the constraints of working to a brief*
- *Understanding of a variety of textile methods, such as: fabric printing, mono-printing, relief printing, screen printing and laser printing; tie-dye and batik; spraying and transfer; fabric construction; stitching, appliqué, patchwork, padding, quilting and embroidery.*

Subject Enrichment

Art and Design Workshops

Trip to Art Museums in Paris

How will you be assessed?

Exams	✓
Coursework	✓
Other	

Course entry requirements

Students will need to meet the entry requirements of a 5 grade 4s in Year 11, but some courses have additional GCSE entry requirements, detailed below.

Applied Science - Grade 4 in Science and Maths

3D Design - Grade 5 in Art or 3D Design or equivalent course

Art - Grade 5 in Art or 3D Design or equivalent course

Biology - Grade 6 in Biology or Combined Science and Grade 5 in English

Business - Grade 5 in English

Chemistry - Grade 6 in Chemistry or Combined Science and Maths

Computer Science - Where a subject has not been studied at GCSE, students will be considered based on their overall academic profile. Previous exposure to programming is beneficial

Drama & Theatre Studies - Students will be considered on their overall academic performance

English Literature - Grade 6 in English Literature

EPQ - Students will be considered on their overall academic performance

Film Studies - Students will be considered on their overall academic performance

French - Grade 6 in French

Geography - Grade 5 in Geography (if studied previously) and English

German - Grade 6 in German

Health & Social Care - Grade 5 English, Grade 5 in a Science

History - Grade 5 in History (if studied previously) and English

IT: Data Analytics - Students will be considered on their overall academic performance

Law - Grade 5 in English

Mathematics - Grade 6 in Maths

Further Maths - Grade 7 in Maths

Mathematical Studies - Students will be considered on their overall academic performance

Music - Grade 6 at GCSE Music. Where GCSE Music hasn't been studied, students should be Grade 6 standard on their instrument and have grade 5 music theory.

Photography - Students will be considered on their overall academic performance

Physics - Grade 6 in Physics or Combined Science and Maths

Psychology - Grade 5 in a Science

Sociology - Students will be considered on their overall academic performance.

Sport - Students will be considered on their overall academic performance.

Textiles - Students will be considered on their overall academic performance

Gallery