

# Sixth Form Prospectus



We welcome applications from all students, whether they are already an Allerton Grange student, or attend another school.

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## WELCOME

At Allerton Grange School, we have a love of learning and are passionate in supporting all students to achieve excellent exam results and to have a broad range of experiences, to enable them to secure places at world-renowned universities, and on elite training programmes.

Our Sixth Form is a welcoming and inclusive environment, with many opportunities for students to learn, grow and develop into confident and articulate young adults.

Within our Sixth Form community, you will be encouraged and supported as an individual, to achieve your ambitions and progress to your chosen university or career.

I look forward to welcoming you to Allerton Grange Sixth Form in the near future.

**Mike Roper**  
Headteacher





## WELCOME TO ALLERTON GRANGE SIXTH FORM

This prospectus outlines the wide range of high quality courses available at Allerton Grange Sixth Form, as well as the aspirational enrichment opportunities we provide.

Our core aim is to allow all of our Sixth Form students to **Aspire, Grow and Succeed** within all aspects of the curriculum and for their personal development.

This is underpinned by our values: **community, integrity, humility** and **compassion**, which are at the heart of the Sixth Form provision. This means we provide student leadership opportunities, aspirational enrichment, extra-curricular activities, as well as trips and visits.

Our students often cite the exceptional pastoral support that Allerton Grange Sixth Form offers as a key pillar of our provision. Small class sizes and expert teaching allow students to progress to young adults with the benefit of a knowledge rich curriculum. These combined approaches mean that students are driven to aspire to move on to higher education and high-level apprenticeships.

We are committed to ensuring that all students have the subject knowledge, the vocabulary, the experiences and the character to secure places at world-renowned universities and on elite training programmes, which will enable them to continue to make aspirational choices in the future.

We welcome applications from all students, whether they are already an Allerton Grange student, or attend another school.

### Mr Jordan Macrow

Assistant Headteacher  
and Director of KS5

## SIXTH FORM TEAM



Jordan Macrow  
Assistant Headteacher  
Director of KS5



Elizabeth Braim  
Curriculum Leader of KS5



Rachael Fryer  
Progress & Welfare  
Leader of KS5



Izzy Gillibrand  
KS5 Administrator

## Welcome from the Sixth Form Team

The whole Sixth Form Team would like to take this opportunity to welcome you to Allerton Grange Sixth Form.

For any further information, please visit our website [allertongrange.com/sixth-form](http://allertongrange.com/sixth-form) or contact 0113 393 0304 email [sixthform@allertongrange.com](mailto:sixthform@allertongrange.com)



# COMMUNITY

Allerton Grange Sixth Form is a diverse and inclusive community of students, with a distinct identity.

Everyone is welcome in our Sixth Form. We celebrate and support our multi-cultural student body, which is made up of a mix of post-16 students who have previously studied at the school, as well as those who have attended other secondary schools.

Starting Sixth Form is an exciting time and gives you the opportunity to meet new people and make new friends. We are proud of the strong friendships amongst our students and the support they provide for each other.

Alongside this is the pastoral support available to help you to develop new skills, organise your study time and adapt to the greater independence of Sixth Form.

We are part of the University of Leeds RAISED in Yorkshire programme. This is a citizen science school-based community programme which aims to improve the oral health of young people. Year 12 students train as oral health ambassadors, spending time in the school of dentistry at Leeds University, enabling them to develop a wide range of skills. This a fantastic opportunity for aspiring young health care professionals.

## Community Action and Social Responsibility

Community is one of the core values and driving principles of our Sixth Form.

Our students are proud to support the school and wider community through our Community Action programme. This is a programme where you volunteer either inside or outside school, developing your social responsibility and wider skills, as well as strengthening the sense of community within the Sixth Form.

Students commit to 30 hours a year of Community Action which could include: mentoring younger students; volunteering in the local community; supporting the Allerton Grange School Uniform Exchange project; volunteering at school events; or through student ambassador schemes supporting subjects and the wider school community.

Each year, the Student Leadership Group coordinates fundraising projects for a specific charity. Most recently, this has been for Young Minds, a mental health charity that supports young people.

## Support with Transition from Year 11

In the summer term, after GCSE exams have finished, we hold two Sixth Form Transition Days in school.

This gives you the time and space to get to know the Sixth Form Team, confirm your subject choices, meet your teachers and experience taster lessons.

Our Transition Days also help you to find your way around, familiarise yourself with the Sixth Form Centre and meet other people in your tutor group.

Taking part in the Transition Programme is a good way to get to know other Sixth Form students before term starts in September, particularly if you are new to Allerton Grange.



# FACILITIES

Allerton Grange Sixth Form benefits from brand new Sixth Form facilities which opened in Autumn 2021.

Our Sixth Form Centre allows students to enjoy their own spaces and environment, separate to the main school building.

It is equipped with two modern computer rooms, classrooms, study area and common room to create an exceptional learning environment.

To support inclusivity, the Sixth Form Centre is an accessible building with two lifts and gender neutral toilet facilities.

Sixth Form students have access to the school library and quiet study area in the main building, outside of timetabled lessons.

Students also use specialist facilities related to their subject such as specialist Science labs, Art rooms, Music rooms and Mac suite, PE spaces, Drama studios and Language classrooms.



# SIXTH FORM LEADERSHIP GROUP

At Allerton Grange Sixth Form, we are proud of our student leaders.

All students are given the opportunity to develop their leadership skills through enrichment activities.

Alongside this, each year during Year 12, students apply to join the Sixth Form Leadership Group.

Two Head Students lead the Sixth Form Leadership Group (SLG) who are responsible for representing the Sixth Form and championing initiatives to drive our Sixth Form towards exceptional provision. Student Voice is a vital part in providing our students with the best learning environment and our Sixth Form Leadership Group steer this each year.

Our SLG lead and develop their own initiatives, including the introduction of Culture Day, Christmas foodbank appeal and other charity initiatives.



Allerton Grange Sixth Form is a community in which new Year 12's will be supported in every aspect of their education. Students' confidence and communication skills will grow, and they will form relationships with other pupils that they will cherish beyond the physical boundaries of the school. Our Sixth Form teachers will encourage new students to flourish within a classroom environment and grow as an A-level learner, learning new ways to revise and stay on top of workload. Whether you are newly enrolling this academic year, or you have been here since Year 7, we will help the transition from high school to Sixth Form to be as comfortable as possible, and any worries or concerns that may arise can be spoken about safely with one of our Sixth Form leaders.

**Abby Marles**  
Head Student

Allerton Grange Sixth Form is the perfect place to develop not only as a student but as a person as well. We have an incredible team of staff who are forever on hand to make sure we get the absolute most out of our time at the school. These members of staff really ensure that we fulfil our potential as academic scholars as well as leave the Sixth Form as contributing and confident members of the community. Through the vast opportunities, including enrichment and mentorship schemes, we are able to develop ourselves as well rounded people who are impeccably prepared to enter the wider world. Being able to involve ourselves in leadership positions and groups really helps to give a taste of what it is like to give back and support the needs of others. Along with amazing academic support for our A levels, at Allerton Grange Sixth Form there is something for each and every one of us to delve into in order push forward our development as people.

**Luke Ashurst**  
Head Student

# ACADEMIC OVERVIEW

Our KLAS curriculum, alongside our values and culture, is what sets us apart.

A broad range of high quality courses are available to all prospective students. These courses are knowledge-rich to facilitate students to access the best universities and aspirational career choices.

Our KLAS curriculum is the driving force behind advancing social mobility and cultural diversity. The KLAS curriculum is the guarantor of equality – all students regardless of background, ability/disability, gender, sexuality, religion or belief are exposed to the same ambitious curriculum and all students are provided with the same opportunities enabling them to develop their character and confidence.

Students are provided with a wealth of materials to access during supported study. These materials are designed by staff to deepen students' understanding and widen their reading.

## Supported study

All students have **supported study sessions** included in their timetable, enabling them to develop study skills and revision techniques as independent learners, in preparation for external examinations.

Students have access to computer facilities during their non-contact time, giving them the space and environment to develop their knowledge and complete independent study.

We work with Year 12 students to help them **understand memory and retention**. In order for us to effectively support students to be prepared for two years of study in an academically rigorous environment, you are explicitly taught about memory and retention; how to study independently; and how to revise and prepare for external examinations. This forms part of every Year 12's curriculum.

Other studying habits such as referencing are explicitly taught, alongside metacognition and interview skills.



All students have **supported study sessions** included in their timetable

# PASTORAL OVERVIEW

## Support for Students

Compassion is a core value that underpins our provision at Allerton Grange Sixth Form. We are passionate about equipping you with the skills and knowledge you need to be successful global citizens.

Our exceptional pastoral support is carefully considered to ensure your welfare, personal growth and development, to allow you to feel confident and supported in accessing the Sixth Form and the curriculum.

Throughout Year 12 and Year 13, you are supported by the Progress & Welfare Leader for Sixth Form, as well as the wider Sixth Form Team. We work closely with other external agencies to provide targeted and bespoke support, as needed.

## Form Tutors

Students at Allerton Grange Sixth Form meet their form tutor each morning. This layer of support gives you a member of staff who will get to know you and help guide through the UCAS or other application procedures.

Your Form Tutor also delivers high quality PSHE to equip you with the knowledge and skills you need to be healthy adults, who are able to thrive independently. Our Sixth Form PSHE programme is specifically targeted to post-16 learners and young citizens. You will work on case studies relating to the topics covered and present your findings at the end of each 6 week block of learning.

As part of our Freedoms and Expectations Code, students do not have to attend Form one morning per week. During this session, students will have one to one meetings with their Form Tutor. These meetings ensure every student is supported with their transition to Year 12, as well as their attendance, progress and plans for post-18 destinations on an individual basis.

# BURSARY INFORMATION

Financial support is available to those students most in need, throughout their time in the Sixth Form, using the 16-19 Bursary Fund. Students who currently receive free school meals automatically qualify for a bursary.

Students who can prove that they are eligible may claim the 16-19 Bursary Fund to support them with food, travel, equipment, books, university trips and open days, and course costs such as materials, trips and visits. Students can also apply to borrow a school laptop.

The three levels of eligibility are:

- A student who is currently in care or is a care leaver
- A student who already claims free school meals
- A student whose household income is less than £25,000

To claim the 16-19 Bursary Fund, students must complete the online application form or collect a hard copy from Ms Gillibrand, and return it to the Sixth Form office.

This is not a weekly payment; it is a reimbursement, therefore you will need to provide receipts.

In order to retain your bursary throughout the year, students must adhere to the Sixth Form Student Code of Conduct, including maintaining attendance above 95%.

## Bursaries for Young People in Defined Vulnerable Groups

If you receive Disability Living Allowance (DLA) or Personal Independence Payments (PIP) in your own right you may be eligible for a bursary for vulnerable groups.



We work closely with other external agencies to provide targeted and bespoke support, as needed.



# ENRICHMENT AND EXTRA-CURRICULAR

We support students to enhance their personal development, through twice weekly enrichment activities. These activities provide you with skills and the character required to be successful in higher education and aspirational employment.

Our enrichment programme is continually evolving to meet the interests and needs of our students.

Alongside this, we offer extra-curricular activities to enrich the taught curriculum, including the provision of the Duke of Edinburgh Gold Award.

Example of the range of activities available:

<b>Aim High</b>	<b>Debate Society</b>
<b>British Sign Language</b>	<b>Book Club</b>
<b>Progression Module</b>	<b>Space and Astronomy</b>
<b>Mindfulness</b>	<b>Conversational French</b>
<b>IDEA (Inspiring Digital Enterprise Award)</b>	<b>Seminar Studies</b>
<b>Reading Club</b>	<b>Pachamama Project</b>
<b>Chemistry Club</b>	<b>Politics and Affecting Change</b>
<b>Sketching for Positive Mental Health</b>	<b>Life Skills – Cooking on a Budget</b>
<b>Sixth Form Gym/Fitness Suite Sessions</b>	<b>Sport – 5 a side football, rounders, cricket</b>
<b>Art Club</b>	<b>School Musical</b>
<b>Revision Space</b>	<b>Excel Masterclass</b>
<b>Music clubs including Choir, School of Rock, Jazz Band, Samba Band</b>	<b>Drama Club</b>

## Core Maths

All students are given the opportunity to study Core Maths alongside their A levels. This qualification is equivalent to an AS level and equips students with the statistical and financial mathematics required to access a range of Science, Humanities and Social Science subjects.

## EPQ (Extended Project Qualification)

All Year 12 students are invited to complete the Extended Project Qualification. Students choose their own topic to research and are supported by a personal tutor through timetabled sessions to gain the academic skills required to successfully complete the EPQ.



## Guest Speakers

Throughout the year we welcome a wide variety of speakers into the Sixth Form. Our visitors present assemblies, workshops, information evenings, and host debates and discussions, all aimed at providing our students with the information and skills required to excel in their studies.

Examples of this include:

- Universities and training providers
- Department for Work and Pensions
- Representatives from companies such as Lloyds Banking Group
- The BBC
- Research specialists
- Charitable organisations
- Programmes such as The Social Mobility Foundation
- The armed forces, NHS and Police

## Trips and Visits

Taking part in trips and visits outside of the classroom is an important part of your Sixth Form experience.

All Year 12 students have the opportunity to go on the Residential Trip to Carlton Lodge and experience a range of outdoor activities including kayaking, high ropes, abseiling, raft building.

Throughout the school year, there are visits to universities, such as the University of Cambridge and the University of Leeds, where you attend lectures and hear from cutting-edge researchers and leaders in their field of expertise. In school, we also host visits from universities, linking to subject teaching, and providing information about life at university.

You will also visit the Higher Education UCAS Exhibition at Leeds Beckett University, to help with your research about different courses and universities.

During Year 12 and Year 13 you will be able to take part in cultural visits, for example trips to the theatre, and to Liverpool to visit the Albert Dock, Tate Liverpool and Slavery Museum.

Depending on the subjects you study, there will be other field trips and visits to take part in, such as a Biology field trip to Runswick Bay on the Yorkshire coast, a Social Science trip to London, and a Geography field investigation to the Sefton coast, near Liverpool.



# CAREERS SUPPORT

Your next steps are a key focus throughout your time in Sixth Form.

We tailor our support to suit the needs of our students and their intended destinations. All students in Year 12 have a one-to-one careers meeting with our independent Level 6 Careers Advisor, which is logged on their Unifrog account for students, parents and teachers to keep referring back to and updating where necessary.

Students are offered a wide range of opportunities to meet with and visit universities, apprenticeship providers and employers. We run several trips to combine a half day university tour with half a day spent visiting employers such as Nissan and Manchester United. In addition to this, students will attend our own in-house careers fair and hear from a large number of guest speakers.

During Year 12 you will also have the opportunity to organise and complete a work experience placement, to develop employability skills, enhance apprenticeship and university applications and gain an insight into a range of career paths. We have recently had several successful applications for the Arup Design Programme and a brilliant range of work experience placement secured, including;

- ✓ working with researchers at The University of Leeds
- ✓ working alongside Wendy Jones Blackett at her Chapel Allerton studio
- ✓ working in the NHS (transplant surgery, oncology and anaesthesia are some of these placements)
- ✓ a placement working as a runner at ITV
- ✓ several placements with Yorkshire Water
- ✓ numerous pharmacy placements
- ✓ working within The Leeds United Foundation

We look for the best access programmes to support your aspirations, with many students involved with The Sutton Trust, Aim High, Access to Leeds, The Social Mobility Foundation and a number of university summer schools. You will also have the option of completing The Progression Module qualification, which provides you with additional UCAS points.

# DESTINATIONS

In recent years,

# 98% of Year 13 students

moved on to Education Employment & Training (including Gap Year/Resits)

We are incredibly proud of our Year 13 leavers.

Through their exceptional hard work, and with the support and guidance offered by the Sixth Form team, the vast majority of students move on to Education, Employment or Training (including Gap Year/Resits).

Our Year 13 leavers have secured places on degree courses at top universities, degree apprenticeships and employment with some of the UK's leading organisations.

This year's most popular choices were in the STEM, finance, law and health sector, with many students choosing to study away from home.

Examples of recent destinations include:

- Aerospace Engineering with Placement at Brunel University
- Biomedical Science at the University of Bradford, University of Leeds, University of Leicester, University of Northampton
- Chinese and German at the University of Edinburgh
- Computer Science at the University of Hull
- Diagnostic Radiography at the University of Leeds
- Earth and Planetary Sciences at the University of Manchester
- Economics at the University of Leeds
- English Literature at the University of Leeds
- Environmental Science at Newcastle University
- Forensic Science at University College London
- Linguistics at Manchester Metropolitan University
- Mathematics at the University of Glasgow and the University of Sheffield
- Music at Falmouth University and Leeds Conservatoire
- Natural Sciences at the University of Cambridge
- Neuroscience at the University of Leeds
- Politics, Philosophy and Economics at the University of Stirling
- Pharmacy at Medway School of Pharmacy
- Software Engineering at Sheffield Hallam University
- Physical Education and Sport at Sheffield Hallam University
- Zoology at Manchester Metropolitan University and Harper Adams University
- Sports Scholarships to universities in the USA

Our students leave us with our very best wishes for a happy and successful future.

We hope that many will become part of our school alumni, to keep in touch and help us to inspire future generations of Allerton Grange students.







The Sixth Form Team will help you every step of the way.

# COURSES

Allerton Grange offers a wide choice of A Level options.

Taught by subject specialists, you will be able to explore your chosen subjects, growing in independence and developing those essential skills to succeed.

Our rigorous knowledge-rich curriculum, supported by four cornerstones: knowledge, literacy, aspirational enrichment and social mobility, underpins our increasingly high results.

As a small Sixth Form, we have excellent pastoral care and subject teachers who will go that extra mile to work with you and ensure you get those results you need.

The Sixth Form Team will help you every step of the way, from ensuring that you have made A Level choices to support you in your future ambitions to getting that university place, apprenticeship or job of your dreams. 99% of our students did just that last year.

Biology	18	Health and Social Care	34
Business	19	History	35
Chemistry	20	Information Technology	36
Classical Civilisation	21	Law	37
Computer Science	22	Mathematics	38
Criminology	23	Music	39
Drama and Theatre Studies	24	Photography	40
Economics	25	Physical Education	41
English Language	26	Physics	42
English Literature	27	Politics	43
Fine Art	28	Psychology	44
French	29	Religious Studies	45
Further Mathematics	30	Sociology	46
Geography	31	Spanish	47
German	32	Textiles	48
Hairdressing	33	Three Dimensional Design	49





## BIOLOGY

Biology is exciting! Its name is derived from the Greek words "bios" (life) and "logos" (study) and is often referred to as the 'study of life.' One of the greatest scientific feats of our era is the astonishing progress made in understanding the intricate machinery of life.

Studying this A level will give you the opportunity to investigate this rapidly developing field and deepen your knowledge and understanding.

As you progress through your Biology course, you will study life from the smallest units (such as genes and organelles) to whole ecosystems. You will be examining not just observations made, but the mechanisms behind them. DNA, genetic fingerprinting and exploring gene mutations and their impact are a popular part of Biology A level, especially when combined with medical and technological advances.

Biology also helps you to develop a wide range of transferrable skills including clear communication, data analysis and presentation.

### ENTRY REQUIREMENTS

You should have a good range of GCSEs between grades 4 and 9, with a minimum of grade 5 in English Language and grade 5 in Maths (higher paper). A grade 6 in Biology or grade 6,6 in Combined Science is essential.

### EXAM BOARD

AQA

### FUTURE OPPORTUNITIES

A Level Biology is a great choice for people who want a career in health and clinical professions, including Medicine, Dentistry, Veterinary Science, Physiotherapy, Nursing and Forensic Science.

Many universities also offer biological science courses such as: Molecular Biology; Cell Biology; Biochemistry; Botany; Zoology; Parasitology; Marine science; Genetics; Immunology; Virology; Pharmacology; and many more. Employers look for a science A Level as an indication of analytical skills, so some Biology students choose careers in, for example, Economics, Business; the Civil Service; Management and Marketing.



## BUSINESS

The world of business is all around us, so it makes sense to study a subject that tells you the how and whys of the business world. Whether you aspire to be a business leader, work for a small or large business or become an entrepreneur - this is a course that will help you reach your goals.

We investigate how organisations work and operate, from the large multinational corporations to small local shops. Functions such as marketing, human resources, product development and finance all have to work closely together in order to achieve the aims and objectives of the business.

As well as what goes on inside of the business, you will look at influences outside of the business that affect it. Learning about the theories is one thing, but by relating theory to the real world, it brings your studies into context. We get to delve into the real operations of business by looking at what is going on in the real world examples including why Sainsbury's is selling off 18 of its stores, why Aldi uses social media to fuel the competitive flames with M&S and why Apple pushes its own products into the decline phase of the product life cycle.

You will study four themes:

- Theme 1: Marketing and People
- Theme 2: Managing business activities
- Theme 3: Business Decisions & Strategy
- Theme 4: Global Business

### ENTRY REQUIREMENTS

You need to have a good range of GCSEs between levels 4 and 9, including a grade 4 in Maths and a grade 5 in English Language. No previous experience of qualifications in Business are necessary. If you have taken GCSE Business you must achieve grade 4 or above, or a Pass in BTEC Business.

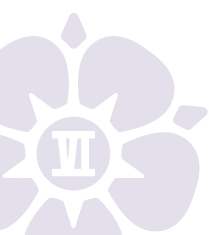
### EXAM BOARD

Pearson Edexcel

You will develop skills including critical thinking, financial analysis, speaking and listening as well as overall quantitative skills including ratios, percentages and indices, problem solving skills and communication skills. This subject goes well with A levels in Economics, Geography, ICT, Maths and Religious Studies.

### FUTURE OPPORTUNITIES

This course is well suited to those who want to progress to study a related course at university, such as Business Management, Accountancy or International Business. Equally this course is well suited to a range of apprenticeships within the Business field including Business Administration, Marketing, Human Resources and Finance.





## CHEMISTRY

Chemistry is a rapidly expanding subject, with constant research developing our understanding. It has huge implications for the way we live our lives and our A Level Chemistry course allows you to build upon the fundamental principles of science learnt at GCSE and explore new areas.

The A Level course covers three areas:

- Organic chemistry, which covers the study of carbon and its reactions. Students use mechanisms to show the movement of electrons during reactions and, in turn, develop an understanding of how chemists can synthesise organic materials
- Inorganic chemistry, which allows investigation into industrial reactions and how this occurs in real life, such as the Haber Process. Students will also look at trends and patterns of reactions in different groups in the periodic table and draw conclusions from this.
- Physical chemistry combines physics with chemistry by studying thermodynamics and kinetics, using mathematical processes to show how reactions occur.

### ENTRY REQUIREMENTS

You should have a good range of GCSEs between grades 4 and 9, with a minimum of grade 5 in English Language and grade 6 in Maths (higher paper). A grade 6 in Chemistry or grade 6,6 in Combined Science is essential.

### EXAM BOARD

AQA

### FUTURE OPPORTUNITIES

Chemistry can open pathways to many careers either through a university or modern apprenticeship route. Examples of subjects where Chemistry is desirable are: Chemistry, Teaching, Chemical Engineer, Pharmacy, Medicine, Dentistry, Veterinary, Biochemistry, Forensics.

Many employers look for a science A Level as an indication of analytical skills, so some Chemistry students choose careers in, for example, Economics, Business, the Civil Service, Management and Marketing.



## CLASSICAL CIVILISATION

A Level Classical Civilisation allows you to study the culture, history, art and literature of Ancient Greece and Ancient Rome. It doesn't matter if you haven't studied Classics before; all you need is an interest in the ancient world.

You will acquire a sophisticated level of knowledge and understanding of the classical world through studying a range of ancient materials in their context.

We teach the OCR A Level in Classical Civilisation. The modules cover the oldest surviving works of literature, history, art, political corruption, religious beliefs, mythology and philosophy. We will read the epics of Homer and Virgil as well as looking at the works of Socrates, Livy, Suetonius and Ovid.

Allerton Grange is among a small number of state funded schools and colleges that teach Classics. Studying this subject means you will have a qualification which is very highly regarded.

### ENTRY REQUIREMENTS

You need to have a good range of GCSEs between levels 4 and 9, including a grade 4 in Maths and a grade 5 in English Language. A grade 5 in GCSE Classical Civilisation or a grade 5 in Religious Studies, History and English Literature, which will give a strong foundation for the exploration of classical texts.

### EXAM BOARD

OCR

### FUTURE OPPORTUNITIES

Classics is a highly academic subject which is respected by top universities and employers. You will build skills in evaluation and analysis of evidence, communication and argument with students developing a critical understanding of the roots of modern society and culture. Classicists go on to many successful careers and a wide range of university courses including History, Law, Medicine and Architecture.





# COMPUTER SCIENCE

Computer Science is the study of how data is stored and processed and the instructions that can be written to perform useful computation. We live in an ever evolving 'digital world', and with that, comes the demand for new advances in technology and those with expertise to shape the future. Do you enjoy logical thinking, problem-solving and have an inquisitive mind? If so, then you could develop the skills and knowledge needed to influence the exciting and modern world of computing.

A Level Computer Science will enable you to learn about the fundamentals that underpin the field of computing. This includes teachings about computer architecture, system software, data representation, data structures, networking and databases. You will also be given opportunity to develop computational thinking skills - abstraction, decomposition and algorithmic design. This will support you in becoming an efficient computer programmer, able to code in a variety of languages such as Python (procedural and OOP paradigms), SQL, HTML, CSS and JavaScript. With the tools and know-how to solve problems, your creativity and project management skills will be put to the test as you work on an independent software development project - from your own initial idea through to a completed and fully tested solution.

## ENTRY REQUIREMENTS

You need to have a good range of GCSEs between levels 4 and 9, including a grade 5 in English Language and a grade 6 in Maths. A grade 4 in at least one Science subject and a background in GCSE Computer Science would be an advantage.

## EXAM BOARD

OCR

## ASSESSMENT

Computer Systems (2hr 30 min written exam), 40% weighting  
 Algorithms and Programming (2hr 30 min written exam), 40% weighting  
 Programming Project (NEA), 20% weighting.

## FUTURE OPPORTUNITIES

Studying A Level Computer Science can lead to you studying at University or undertaking an apprenticeship. This is a vast subject and there are many areas that you could choose to specialise in, such as software development, artificial intelligence, videogame development, networking, web development. Computer Science also has close links to Mathematics, Physics and Engineering.



# CRIMINOLOGY

Criminology is the study of crime and criminals. It offers the opportunity to explore the criminal justice system and draw conclusions about the world we live in.

You will have the opportunity to consider questions such as:

- How do we explain why people commit crime?
- What makes someone a serial killer?
- Criminologists have produced theoretical explanations of why people commit crime, but which is the most useful?
- How do we decide what behaviour is criminal?
- To what extent are we misled by our tastes in programmes and newspapers about crime?
- Who decides what behaviours should be against the law?
- Who gathers information about crime?
- Can this information be trusted?
- Can we trust our own instincts?

## ENTRY REQUIREMENTS

A good range of GCSEs between grades 4 and 9, including Maths at grade 4 (or above) and English at grade 5 (or above).

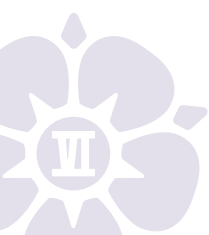
## EXAM BOARD

WJEC Applied Diploma

Studying Criminology will help you to explore a diverse range of perspectives, before forming your own opinions and ideas. It supports you to develop analytical problem solving skills, essential research skills and an understanding of the legal framework in the UK.

## FUTURE OPPORTUNITIES

UCAS points will help you towards most university courses, but this choice is particularly helpful with careers in the legal profession, Social Services or careers in the Police force.





## DRAMA AND THEATRE STUDIES

This course inspires students to become independent theatre makers with the skills they need to go on to higher education, whether that is to study a course in drama and theatre or another subject. Drama will enable you to combine creative and analytical approaches in undertaking your studies.

It develops your capacity

- to work with rigour
- to communicate effectively
- to work collaboratively
- to use approaches from a range of disciplines
- to connect your studies to the world around you.

It connects both to its own professional context within the creative industries and provides a foundation for a whole range of careers.

In this course, you will be given a range of opportunities to create theatre, both published text based and devised work. You will take part in collaborative workshops with professionals, the

### ENTRY REQUIREMENTS

A good range of GCSEs between grades 4 and 9, including English and Maths at grade 4 and above. GCSE Drama is desirable. You will be an accomplished, competent and confident performer.

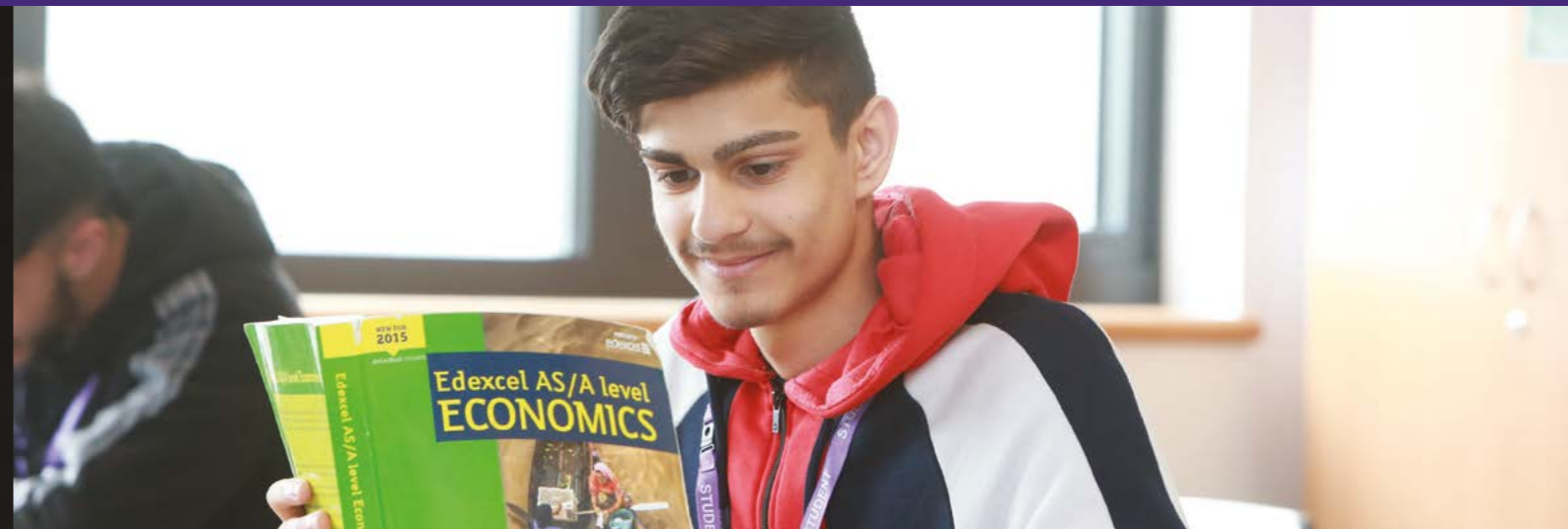
### EXAM BOARD

Pearson Edexcel

School of Performance and Cultural Industry at Leeds University and the School of Arts at Leeds Beckett University, as well as experiencing a range of live theatre. The course will help you to develop and apply an analytical understanding of Drama and Theatre. You will be required to analyse and evaluate your work as well as the work of others.

### FUTURE OPPORTUNITIES

This course can form a good basis for a career not only in theatre performance, but in advertising, the film industry and even in events planning and promotion.



## ECONOMICS

The current economic climate is endlessly featured in the news, from topics of GDP (Gross Domestic Product) and inflation to unemployment and trade. Economics, as a subject, helps you to make sense of all the headlines and news, while also helping you to make more informed judgements and form opinions around the politics that intertwines with the subject.

Within Economics, we aren't studying 'how to get rich', more we are looking at the behaviour of people and society, and considering how we can solve the basic economic problem - the problem of scarcity. We investigate production, consumption and transfer of wealth, and explore both microeconomic and macroeconomic topics through the idea of a market and its structures (monopoly, oligopoly and perfect competition).

The course also covers concepts such as demand and supply, elasticity and market failure. Modules are taught on economic growth, inflation, exchange rates and fiscal policy. Policies are evaluated using theories, and personal conclusions need to be drawn.

### We study four themes:

- Theme 1:** Introduction to markets and market failure (Microeconomics)
- Theme 2:** The UK Economy - Performance and Policies (Macroeconomics)
- Theme 3:** Business behaviour and the labour market (Microeconomics)
- Theme 4:** A global perspective (Macroeconomics)

### ENTRY REQUIREMENTS

A good range of GCSEs at grades 4 to 9, including English Language at grade 5 (or above) and Maths at grade 5 (or above).

### EXAM BOARD

Pearson Edexcel

The four themes are assessed across three examinations, each two hours long. The examinations have a range of questions from multiple choice questions to 25 mark essays.

The course aims to develop a critical and evaluative approach, providing students with a language that allows them to understand that every decision is an economic decision and that all decisions have a consequence. A keen interest in current affairs is important for this course. This subject goes well with A levels in Business, Geography, Maths and the Social Sciences.

### FUTURE OPPORTUNITIES

Economics provides you with good analytical thinking skills which are sought after by universities and employers. This course is particularly suitable for students who want to go on and study Economics or a business-related qualification in higher education. Economics students often go into careers in finance and accountancy, investment banking, politics or management.





# ENGLISH LANGUAGE

English Language is a diverse subject which explores the language of people from many different groups, whether that's different genders, different cultures, different ages, different classes, different sexualities, and the diverse voices of the English-speaking world.

The English Language course involves engaging creatively and critically with a wide range of texts. You will create texts and reflect critically on your own processes of production as well as pursue lines of enquiry, debate different views, and work independently to research aspects of language in use. This course will enable you to study the use of language in the world around you and will help you to answer a range of questions about how we use language in our daily lives.

The course explores social contexts for language and how language has changed, and guides you to develop methods of exploring and understanding spoken and written language in use. You will use linguistic methods to analyse and investigate a variety of extracts including those from different time periods and develop your ability to express yourself in speech and writing, producing different texts for different purposes, audiences and in different genres.

Students will have the chance to do their own creative writing: both fiction and non-fiction and will be able to choose an area of language to investigate. This could be anything from the representation of Muslims in the media, to the

## ENTRY REQUIREMENTS

A good range of GCSEs between grades 4 and 9, including Maths at grade 4 and above and English Language at least at grade 5.

## EXAM BOARD

AQA

language used in 'Love Island' dates, to how language is used in police interviews. The choice is yours!

All our teachers are experts with degrees in English and a passion for their subject and staying up-to-date. We will give you a huge amount of choice about your coursework. We run enrichment trips e.g. trips to universities and to lecture days in Manchester and elsewhere.

## FUTURE OPPORTUNITIES

English gives you skills which enable you to adapt and evolve in the rapidly changing socio-economic and political contexts of the modern world.

As this course teaches you to analyse in depth, to articulate your thoughts clearly, to collaborate with others and to think and write creatively, it provides you with skills that many universities and employers are looking for. This course is particularly suitable for students who wish to study, or have careers related to, English, linguistics, sociology, media studies or modern foreign languages.



# ENGLISH LITERATURE

Literature is about us, helping us think through what it is to be a human being and we will discuss the big topics: life, love, sex, death and conflict.

English Literature is also about creativity – in the texts you read, how you respond and how you discover creativity in yourself. It's about you and your interpretation of the text – we want you to be empowered. It's not about what your teacher thinks, what a study guide says or about an interpretation offered by a particular film version. You will learn to engage critically and creatively with a variety of texts and explore the social, cultural and historical contexts of the texts you are reading and others' interpretations of them.

You will have the opportunity to study the best writing by some of the best writers including: Othello by William Shakespeare, The Great Gatsby by F. Scott Fitzgerald, Ariel by Sylvia Plath, Frankenstein by Mary Shelley.

We will also introduce you to a diverse range of great modern writers such as: Octavia Butler, Mohsin Hamid, Bernadine Everisto, Ursula Le Guin, Zadie Smith, Caleb Azuma Nelson and Haruki Marukami.

Alongside this, you will learn about literary theories connected to the representation of race, gender and class to enable you to be an independent critical reader.

## ENTRY REQUIREMENTS

A good range of GCSEs between grades 4 and 9, including English Language and English Literature at grade 5 or above.

## EXAM BOARD

AQA

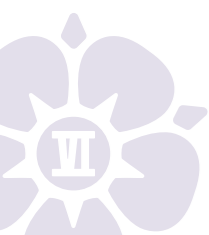
You will be able to undertake independent studies to deepen your appreciation and understanding of English literature, including its changing traditions, and discover new writers along the way who inspire, enlighten and delight you!

For your coursework you will be able to choose your own text to study from the best of modern and pre-1914 literature

All our teachers are experts with degrees in English and a passion for their subject and staying up-to-date. We run enrichment trips e.g. trips to the theatre, to universities and to lecture days in Manchester and elsewhere.

## FUTURE OPPORTUNITIES

As English Literature teaches a range of valued skills such as analysing, constructing a coherent argument, selecting compelling evidence and thinking creatively, it is valued by a range of universities and employers. It is particularly useful for literary studies, law, history, journalism, drama, expressive arts, cultural studies and modern foreign languages.





## FINE ART

Studying Fine Art provides the perfect springboard for entry into the creative industries. The UK is a global leader in the creative industries and there are many new opportunities developing in the sector.

The Fine Art A level course at Allerton Grange School provides an exciting and independent curriculum for those with visual, creative and design interests. Students are taught in small groups, having weekly one to one tutorial meetings with their teachers to set targets and support development. This structure allows them to foster their own ideas and creativity.

The A Level course has two components: a personal investigation including a personal study (essay) and an externally set assignment.

You will experiment using different media through drawings, print-making, mono-printing, screen-printing, etching and heat press, surface textures, dry and wet media, and explore different approaches from still life to landscape, focusing on individual artists and other sources of interest.

You are each encouraged in your own direction, using 1 to 1 tutorials to support your independence.

### ENTRY REQUIREMENTS

At least 5 GCSEs between grades 4 and 9, including English and Maths. A grade 5 or above in either Fine Art, Three Dimensional Design or Photography. Portfolio submissions from students who have not completed this subject at GCSE will be considered at the discretion of the subject teachers.

### EXAM BOARD

AQA

### FUTURE OPPORTUNITIES

Students studying Art at A Level often choose to study this subject at university or Art college.

There are a huge range of opportunities and careers available in the creative industries, including Graphic Designer, Product Designer, Furniture Designer, Fine Artist, Jewellery Designer, Textile Designer, as well as employment within galleries and museums, schools and education.



## FRENCH

Learning a language has many benefits: helping you to connect with other people; boost your brain power; travel and immerse yourself in another culture; and advance your career opportunities.

French A Level builds on the language skills you acquired while studying for GCSE. This course will help you become more fluent and more knowledgeable about current affairs and the culture of French-speaking countries.

You will be taught using a range of resources including published multi-media materials, magazines and authentic, online resources. Your French will improve through regular focused teaching, supported by weekly tutorials with the French Language Assistant.

A Level study covers a wide variety of topics, from current issues and politics in France, to French heritage, arts and society as a whole. We follow the AQA specification.

### FUTURE OPPORTUNITIES

A Level French is a requirement for going on to take a degree in French. Being proficient in a second language gives a real boost to your career prospects. In an increasingly competitive job market, a qualification in a foreign language

### ENTRY REQUIREMENTS

A good range of GCSEs at grades 4 to 9, including Maths at grade 4 (or above) and English at grade 5 (or above). Ideally you will have a grade 6 at GCSE level in French. You will need to be prepared to work hard and be brave enough to speak in French so that you can improve your spoken language.

### EXAM BOARD

AQA

can make you stand out from the crowd. Competency in a second language opens-up doors to the international STEM markets. In our increasingly globalised economy, we need a workforce that is not just technically skilled but one that has knowledge about the world. Many organisations do business or have offices in other countries so having a team that can easily communicate is invaluable.

Specialist language occupations include working as a translator, interpreter or language teacher. However, with globalisation, a qualification in a language can also be advantageous in pursuing careers in areas you might not have thought of. These include tourism, entertainment, public relations and mass communication, international organisations, embassies, diplomatic service and publishing.



## FURTHER MATHEMATICS

Studying Further Mathematics at A level is excellent preparation for a degree in Maths, Science or Engineering.

Further Mathematics is a stimulating and challenging course, which allows you to develop a range of skills including problem-solving, logical reasoning, communication and resilience. It gives students the opportunity to broaden and deepen the maths knowledge and skills covered in A level Mathematics.

If you have enjoyed studying GCSE Maths, have an interest in Maths, Science or Engineering and enjoy the challenge of solving complex and exciting problems, then you should seriously consider studying Further Maths.

Students with A Level Further Mathematics are in a significantly better position when it comes to Mathematics courses at university and in gaining a career in a variety of Mathematical professions.

### ENTRY REQUIREMENTS

A good range of GCSEs between grades 4 and 9, including at least grade 4 in English and grade 7 in Maths.

### EXAM BOARD

Pearson Edexcel

### FUTURE OPPORTUNITIES

The content covered by Further Maths A Level can be applied in many degree courses including Chemistry, Biology, Physics, Management, Economics, Business and Computer Science.

Business and industry suffer from a shortage of trained mathematicians at every level. Even an AS level in Further Maths shows how well you can apply your skills to an unfamiliar situation, exactly the type of person universities and employers are looking for.



## GEOGRAPHY

Geography is the bridge between the arts subjects and the world of science; this is an engaging and exciting option at A Level. It will challenge your perceptions about the world and will develop investigative and analytical skills as contemporary geographical issues are discussed.

The course explores the relationship between human populations with their physical environment at a variety of scales from local to global. Students will study both physical and human geography, including water and carbon cycles; glacial systems and landscapes; ecosystems under stress; global systems and global governance; and contemporary urban environments.

Part of the course involves practical research. This allows us to explore Geography through dedicated fieldwork in an external location and it enables you to draw conclusions from your findings.

### ENTRY REQUIREMENTS

A good range of GCSEs at grades 4 and 9, including Maths at grade 4 (or above) and grade 5 (or above) in English and Geography.

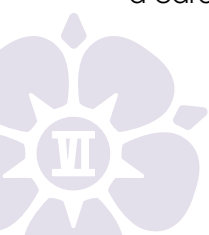
### EXAM BOARD

AQA

### FUTURE OPPORTUNITIES

A qualification in Geography is an excellent preparation for a range of university courses, from geology and ecology to environmental science and urban planning.

The skills you develop studying Geography are rich and varied, enabling you to do a variety of different jobs. Examples include cartography, forecasting, teaching, journalism, town planning, environmental law, data analysts, financial work, computer game design and many more.







## GERMAN

In today's increasingly global landscape, proficiency in a second or third language can help you to engage with the world in a more meaningful way and be better prepared to succeed in your chosen career.

German A Level builds on the language skills you acquired while studying for GCSE. This course will help you become more fluent and more knowledgeable about current affairs and the culture of German-speaking countries. You will be taught using a range of resources including published multi-media materials, magazines and authentic, online resources. Your German will improve through regular focused teaching, supported by weekly tutorials with the German Language Assistant.

A Level study covers a wide variety of topics, from current issues and politics in Germany, to German heritage, arts and society as a whole.

### FUTURE OPPORTUNITIES

A Level German is a requirement for going on to take a degree in German. Being proficient in a second language gives a real boost to your career prospects. In an increasingly competitive job market, a qualification in a foreign language can make you stand out from the crowd. Competency in a second language opens-up

### ENTRY REQUIREMENTS

A good range of GCSEs at grades 4 to 9, including Maths at grade 4 (or above) and English at grade 5 (or above). Ideally you will have a grade 6 at GCSE level in German. You will need to be prepared to work hard and be brave enough to speak in German so that you can improve your spoken language.

### EXAM BOARD

AQA

doors to the international STEM markets. In our increasingly globalised economy, we need a workforce that is not just technically skilled but one that has knowledge about the world. Many organisations do business or have offices in other countries so having a team that can easily communicate is invaluable.

Specialist language occupations include working as a translator, interpreter or language teacher. However, with globalisation, a qualification in a language can also be advantageous in pursuing careers in areas you might not have thought of. These include tourism, entertainment, public relations and mass communication, international organisations, embassies, diplomatic service and publishing.



## HAIRDRESSING

The main purpose of the VTCT Level 2 Certificate in Hair and Beauty Skills (VRQ) is to enable learners to develop hair and beauty skills, techniques and knowledge, which will prepare them to progress to the next level of vocational learning. All the units directly prepare learners for further study in the hair and beauty sector.

This qualification will enable learners to develop the practical hair and beauty skills and techniques required to create a total look using colour, via the mandatory unit: Creating an image based on a theme. They will also have the opportunity to complete a range of technical units including: blow-drying hair, winding techniques, shampooing the hair, plaiting and twisting hair, colouring using semi-permanent colour, basic cutting techniques for women's hair and photographic make-up.

Also included in this qualification are units that support learners' practical work, such as client and customer skills. You will also learn to promote yourself by preparing for a job interview, through research, writing our CV and taking part in an assessed interview. This qualification forms part of a suite of fifteen Skills Qualifications at Level Entry 3 and Level 2.

### ENTRY REQUIREMENTS

A desire to pursue a career in the hairdressing industry is required along with both English and Maths GCSEs at grade 4 or above.

### EXAM BOARD

VTCT

### FUTURE OPPORTUNITIES

This course allows students to progress to an apprenticeship in Hairdressing and once qualified, can excel in a range of occupations: Hair salon or Beauty salon owner; Working in a hair or beauty salon in a hotel, at a sports centre or spa; Hair, make up and aesthetics for theatre shows, magazine photo shoots, for the film and television; Working as a rep' for companies such as L'Oréal, GHD, Rimmel, Mac; Working on a beauty counter; Working on a cruise as a hairdresser or beautician.

**Hairdressing is an additional subject and is usually studied alongside three A levels.**



# HEALTH AND SOCIAL CARE

## CAMBRIDGE TECHNICAL LEVEL 3 IN HEALTH AND SOCIAL CARE.

This Health and Social Care course can be studied as either an extended certificate (equivalent to 1 A Level) or a diploma (equivalent to 2 A Levels).

This qualification will give you an understanding of the Health and Social Care sector, the role of Health and Social Care professions and the part they play in shaping and reacting to society. Viewing Health and Social Care services from the perspectives of a variety of stakeholders allows you to critically evaluate its effectiveness and engage in current debates.

The course is ideal for those who have an interest in Health and Social Care and haven't chosen a career pathway.

### ENTRY REQUIREMENTS

A good range of GCSEs at grades 4 to 9, including a grade 5 (or above) in English Language.

### EXAM BOARD

OCR

### FUTURE OPPORTUNITIES

This Cambridge Technicals qualification in Health and Social Care is designed to provide progression to a university degree as it gives you UCAS points for university applications. Alternatively, you can progress straight into employment. There are a variety of potential careers that you can explore, all of which will benefit from your studies, for example: care worker, radiographer, physiotherapist, nursery nurse, nurses, health care assistant, or occupational therapist.



# HISTORY

A level History students will study British, European, American and Russian History, with units linking to the overarching themes of power, crisis and conflict.

We analyse how power has shifted and transformed over time; we look at power from both a top down and bottom-up construct; we investigate how power was defined and what power meant within different countries at different time periods.

Within each unit, the theme of crisis resonates, including economic crises; crises over power within government; and crises of confidence in those who held power or in the status quo at the time. Conflict is another prominent theme, in the sense of clashes between ideas, political and social rivalries, and the emerging changes which continue to shape countries today.

Students will study:

- Britain Transformed: 1918-1997
- The USA: Boom, Bust and Recovery c1920-1955
- The witch craze in Britain, Europe and North America, c1580-c1750
- Coursework: The Terror in Stalinist Russia, 1923-1938

### ENTRY REQUIREMENTS

A good range of GCSEs at grades 4 to 9, including both History and English Language at grade 5 or above and Maths at grade 4 or above.

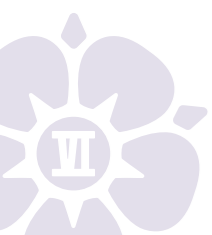
### EXAM BOARD

Pearson Edexcel

The study of A Level History will involve reading, discussion and argument and requires a genuine interest in the past as well as high standards of literacy.

### FUTURE OPPORTUNITIES

A qualification in History is excellent preparation for a range of university courses and professions. History, law and journalism are common pathways for historians, but a rich understanding of the past can also add crucial context to the study of drama, music, art or literature.





# INFORMATION TECHNOLOGY

Information Technology (IT) is the study of how computers are used in society as well as how computer technology is used to create digital artefacts. The IT industry is expanding at an exponential rate and individuals and organisations are becoming more and more reliant on computers. Sectors such as retail, travel, entertainment, medical, education and health all use IT as an integral part of their operations. Are you interested in discovering how these industries use computers now and how this may evolve in the future? Are you eager to learn how to create effective digital products? If so, then you could develop the knowledge and skills needed to be an effective user of technology and help to shape its use in the future.

As a vocational subject, BTEC Information Technology (Extended Certificate) enables you to experience different sectors of IT within four defined units – each assessed in a different style.

You will learn how businesses use social media to promote their products/services, engage with customers, share information and express their brand identity. By carrying out a case study of existing organisation's use of social media platforms, you will develop the knowledge necessary to setup and manage a business social media campaign of your own. You will also learn about the theory of databases and attain practical skills in the use of a database management system. You will setup tables, relationships, validation, queries, reports and forms.

The fundamentals of Information Technology will be studied in order to provide you with the theoretical knowledge necessary to have a secure understanding of the subject. This includes investigating the role of different hardware, how

## ENTRY REQUIREMENTS

You need to have a good range of GCSEs between grades 4 and 9, including Maths at grade 4 or above, and English Language at grade 5 or above.

## EXAM BOARD

Pearson BTEC

networks allow communication and the role cybersecurity has in keeping us and our devices safe. Finally, you will study web development, exploring how websites are designed to be pleasing on the eye and intuitive to use. This leads to the practical task of writing HTML code to create your own website that meets the needs of a set scenario.

### Assessment

- Social Media in Business (coursework), 25% weighting
- Using Systems to Manage Information (5hr on-screen exam), 25% weighting
- Information Technology Systems (2hr written exam), 33.3% weighting
- Website Development (coursework), 16.6% weighting

## FUTURE OPPORTUNITIES

Studying BTEC Information Technology can lead you studying at university or undertaking an apprenticeship. This is a vast subject and there are many areas that you could choose to specialise in, such as software development, artificial intelligence, videogame development, networking, web development.



# LAW

The study of law aims to empower you with the knowledge you need to become active and engaged citizens who question, challenge and bring about change in our society.

The course follows a variety of topics, from the workings of the legal system and laws themselves, to the application of those laws in areas such as tortious liability and criminal law.

Underpinning the course are central themes of justice, society and morality. You are encouraged to critically assess the Criminal Justice System and question who holds power and influence in our society and whose interests are being represented in the legal institutions in the UK.

## ENTRY REQUIREMENTS

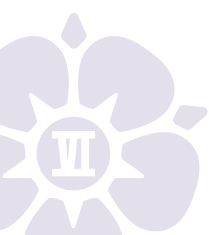
A good range of GCSEs between grades 4 to 9 including English Language at grade 5 or above.

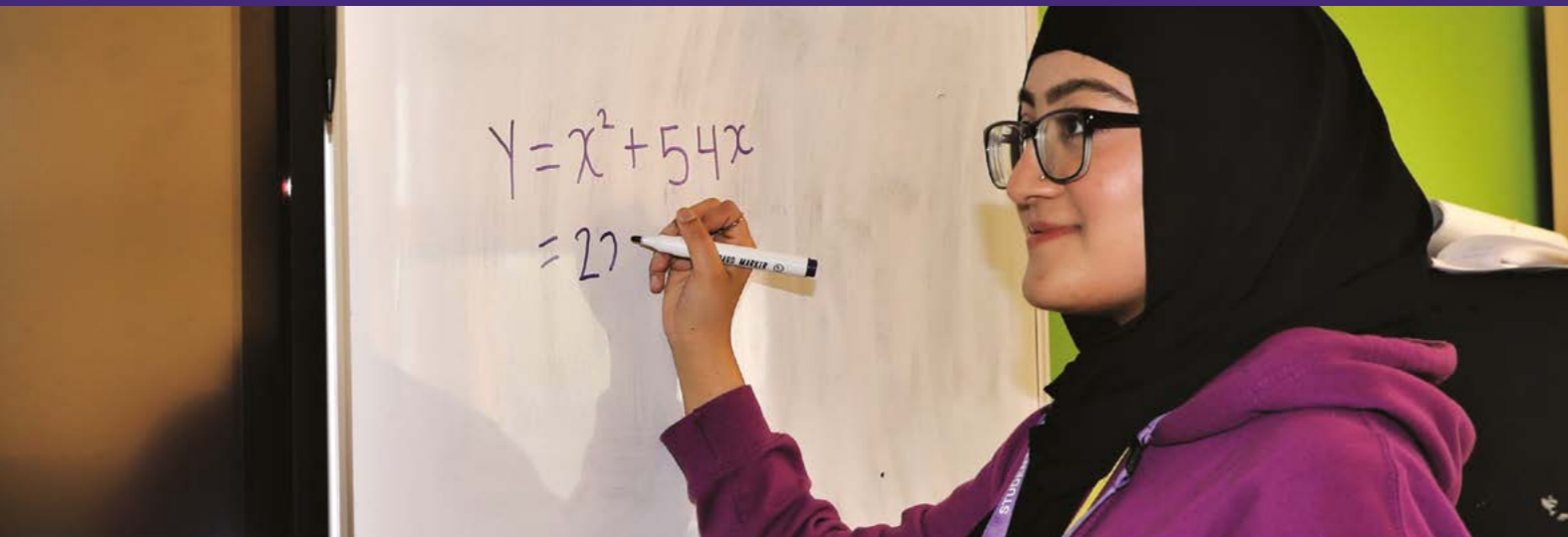
## EXAM BOARD

OCR

## FUTURE OPPORTUNITIES

A Law qualification is highly regarded by employers and universities. Law students have the opportunity to read a range of subjects at university, including Law, History, Accountancy, Business and English. Law is considered an academically rigorous A level and as such is recognised by all universities. Law is a useful background for many diverse careers from Journalism to Politics.





## MATHEMATICS

Studying Mathematics helps students to develop a logical approach to problem-solving, as well as their mathematical knowledge and skills. It is, therefore, useful preparation a wide range of degree courses.

A Level Maths builds on the knowledge and skills you learnt during your GCSE studies. It starts to introduce some complex and interesting ideas about the relationship between all aspects of maths and science:

**Pure Maths** includes the methods and techniques which underpin the study of all other areas of mathematics, such as, proof, algebra, trigonometry, calculus, and vectors. Alongside Pure Maths, you will look at two of the main applications of maths, Statistics and Mechanics.

**Statistics** relates to the collection, analysis, interpretation or explanation and presentation of data. This branch of Mathematics is used in situations involving variability or uncertainty, such as weather forecasting, finance or assessing the effects of medicines.

**Mechanics** relates to the study of motion and the physical world, modelling real-life scenarios and doing calculations using velocity, acceleration and forces. The study of mechanics heavily supports those students who are also studying physics and is of particular benefit to students who wish to follow an Engineering career pathway.

### ENTRY REQUIREMENTS

At least 5 GCSEs between grades 4 and 9, including a minimum of grade 4 in English Language and grade 6 in Maths.

### EXAM BOARD

Pearson Edexcel

Studying Maths gives you the skills and knowledge you need to solve problems and to model situations and can be applied to many careers.

The course covers mathematical topics such as integration, representing and analysing data and logarithms.

### FUTURE OPPORTUNITIES

Maths opens up opportunities in almost any area of study or employment including accounting, actuarial work, engineering, science, medicine and pharmaceuticals.

Many University and Level 4 courses have a high maths and statistics content including social sciences, business and economics. For many STEM and economics degree courses, A level Mathematics is an essential pre-requisite. For others, such as Medicine, Dentistry, Geography and Finance, studying A level Mathematics is very useful, as it helps to keep students' mathematical skills fresh and prepares them for the maths they will encounter during their degree.



## MUSIC

Our A Level Music course covers a diverse and exciting world of music, which allows students to explore and discover a wide range of genres.

Students study the compulsory module Western classical tradition (1650-1910), and choose two options from Pop Music, Music for Media, Music for Theatre, Jazz, Contemporary Traditional Music, Art Music Since 1910.

Music A level has a significant practical element to it. You will be recording pieces and practising composition on a regular basis in order to develop your performance skills.

Similar to GCSE Music, students submit two compositions. Composition 1 is to a brief and Composition 2 is a free composition, both need to be accompanied by a programme note of approximately 150 words.

A minimum of 10 minutes of performance is also required and can be either solo, ensemble or a combination of both.

### ENTRY REQUIREMENTS

At least 5 GCSEs between grades 4 and 9, including a minimum of grade 4 in English Language and Maths. The expectation is for grade 6 and above to have been attained in GCSE Music. You are also required to be a competent musician and are working towards vocal/instrumental grade 5, or an equivalent standard.

### EXAM BOARD

AQA

### FUTURE OPPORTUNITIES

A Level Music is not only suitable for someone who is interested in a career in Music. The skills gained from studying this course such as critical and analytical thinking, problem solving, creativity and teamwork can be applied to studying a range of subjects or careers in medicine, nursing, teaching, languages, business and the Police.





## PHOTOGRAPHY

Do you love creating exciting imagery which is inventive and original? The meaning of the word photography is 'drawing with light' and that is precisely what you will be doing. Our course involves exploring a range of processes using lens and light based media including digital imaging, scanning and experimental darkroom processes.

The course begins with a clear focus on the importance of lighting, as well as compositional techniques. You are taken through a number of different approaches from still life to landscape, each time focussing on an individual artist as well as independently sourcing imagery which interests you. Once you have built your confidence, you will begin your independent project developing your own interests and personal approach. You may choose to incorporate other art based skills such as drawing, painting and stitch into your work.

Students are taught in small groups, having weekly one to one tutorial meetings with their teachers to set targets and support development. This structure allows them to foster their own ideas and creativity.

If you are creative, good at design and considering a career in a creative field this

### ENTRY REQUIREMENTS

At least 5 GCSEs between grades 4 and 9, including English and Maths. A grade 5 or above in either Fine Art, Three Dimensional Design or Photography. Portfolio submissions from students who have not completed this subject at GCSE will be considered at the discretion of the subject teachers.

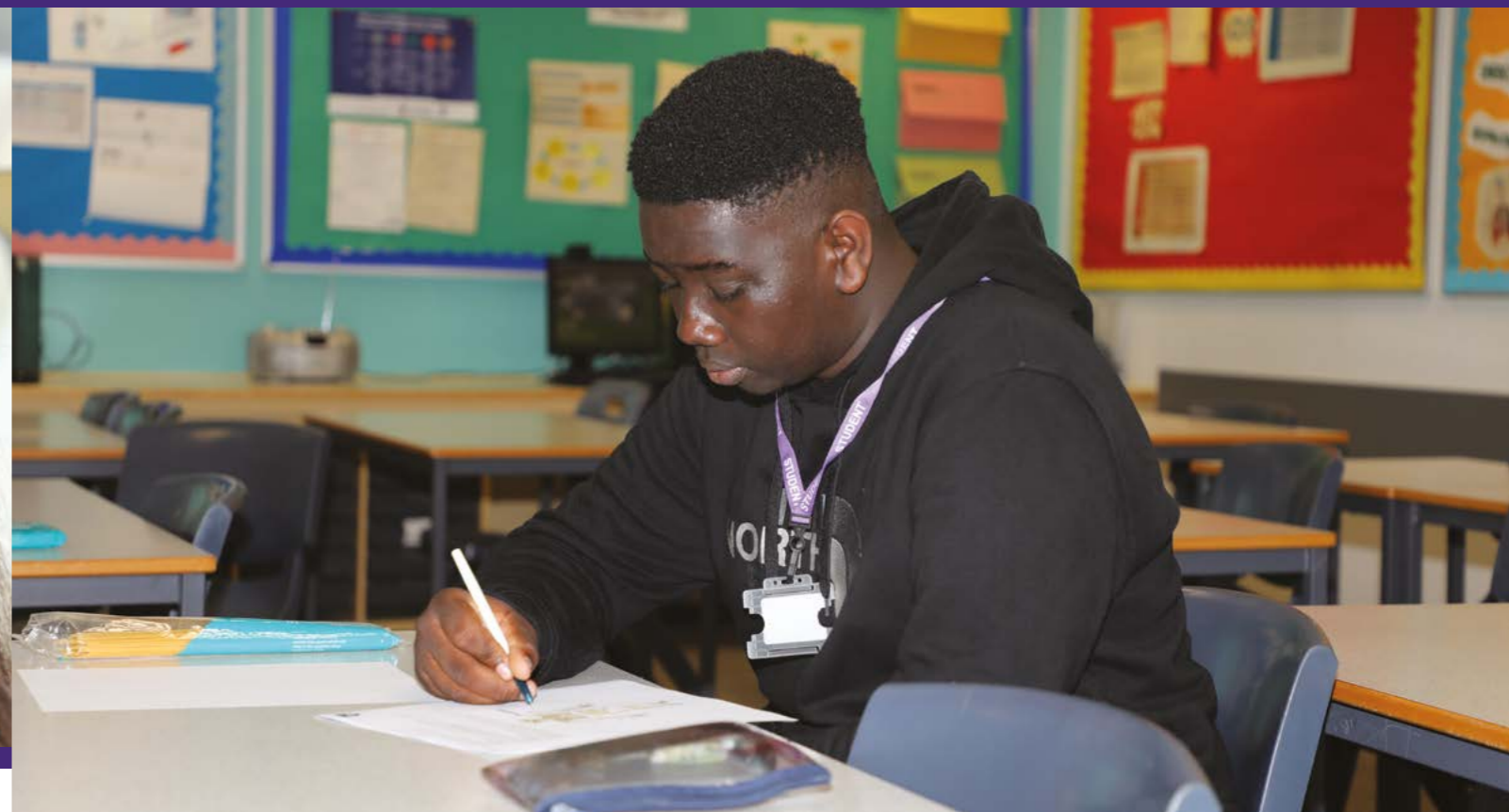
### EXAM BOARD

AQA

course would be good for you. You should be a practical person who is happy to extend their studies outside of the classroom and work with independent frame of mind.

### FUTURE OPPORTUNITIES

A significant number of students taking this course will go on to careers in the Art field. Students should be aware that for some degree courses with a largely academic rather than a creative focus (e.g. Science degrees) that photography may not add to their points for university entrance.



## PHYSICAL EDUCATION

### CAMBRIDGE TECHNICAL LEVEL 3 IN SPORT & PHYSICAL ACTIVITY

This two year course is designed for students who want to continue studying Sport at a higher level and provides you with practical opportunities to develop relevant core knowledge and skills.

You will study a broad range of units including anatomy and physiology, the long and short term impacts of sport and physical activity and the practical performance aspects of sport.

The course is equivalent to one A Level and assessed through assignment work, evidence logbooks, practical application and two externally assessed examinations.

As this course is a Level 3 qualification, on successful completion, you will receive UCAS tariff points. It will open up a variety of opportunities for university study and work in the Sport and Leisure industry.

### ENTRY REQUIREMENTS

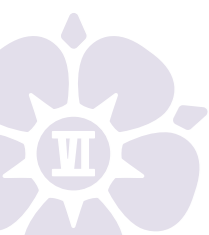
A good range of GCSEs at grades 4 to 9, including English and Maths. A grade 6 in GCSE PE or equivalent. You also need to be playing sport outside of school to club or county level.

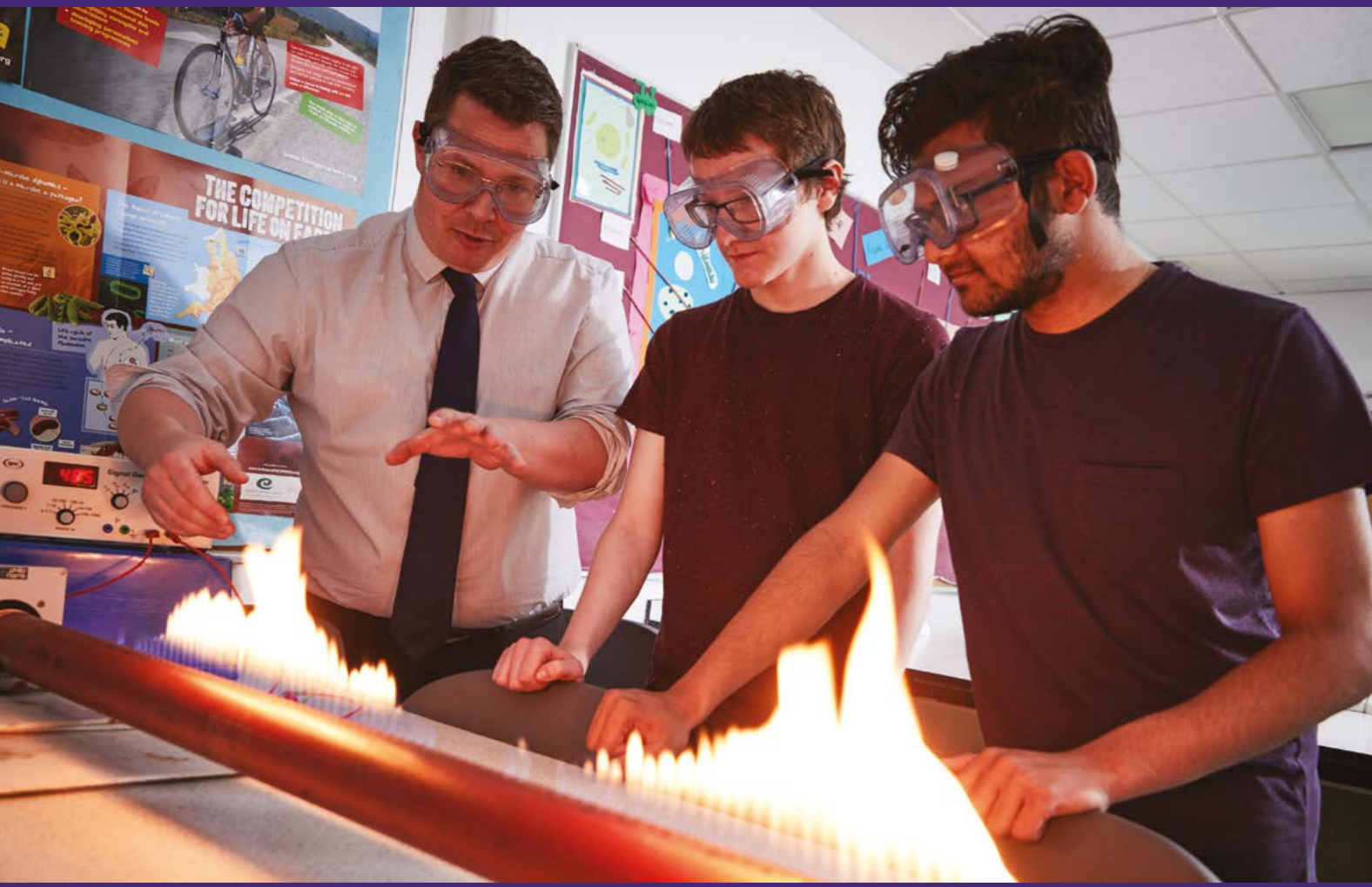
### EXAM BOARD

OCR

### FUTURE OPPORTUNITIES

This qualification can lead to a number of career or university pathways in the realms of sport and physical activity. Examples are coaching and sport development, physical education, physical education with Qualified Teaching Status, sport therapy or physiotherapy, fitness instructor and other roles within the leisure industry.





## PHYSICS

Physicists seek explanations for natural phenomena. This course will suit you if you want to find out how the world around us works, how different systems interact and what fundamental underlying principles govern these interactions. You will develop critical thinking and problem-solving skills: developing your practical skills is also a key part of the course and you will complete the practical endorsement as part of your studies.

At A level, lessons will vary from investigating gravity in a laboratory setting to analysing the structure of an atom. You will discover more about the fundamental particles that make up all matter.

You will have the opportunity to explore Quantum Mechanics and Quarks as well as Radioactivity, Nuclear Energy and Engineering. With your developing knowledge, you will be able to explain engine cycles and fields.

### ENTRY REQUIREMENTS

You should have a good range of GCSEs between grades 4 and 9, with a minimum of grade 4 in English Language and grade 5 in Maths (higher paper). A grade 6 in Physics or grade 6,6 in Combined Science is essential.

### EXAM BOARD

AQA

### FUTURE OPPORTUNITIES

A qualification in Physics opens up the possibility of a very wide range of careers, from a degree in physics, engineering, medicine or medical physics, to a video game designer, a fashion technologist or a fighter pilot. The skills of in depth analysis and practical work will prove useful in future life.



## POLITICS

Studying A level Politics involves the comparison and critical analysis of the UK and US systems of government and politics.

You will analyse and evaluate key issues in democracy, electoral systems and several core political ideologies, as well as studying the workings of Parliament itself. You will develop the ability to identify parallels, connections, similarities and differences between aspects of politics, as well as a critical awareness of the changing nature of politics, and the relationships between political ideas, institutions and processes.

You will question whether UK democracy is in need of an overhaul, and study whether we should extend the franchise, the workings of the constitution and the machinations of government. The key issue is that all of the content is questioned as politics is a very critical subject.

There is an expectation that Politics students will have a good grasp of, and the ability to keep up with, current issues.

### ENTRY REQUIREMENTS

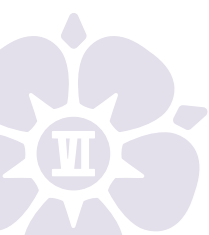
A good range of GCSEs at grades 4 to 9, including a grade 4 or above in Maths and a grade 5 or above in English Language. You do not need to have studied Politics, however a keen interest in current affairs is desirable. The subject requires a high level of written ability, as the assessments consist of extended written answers. The ability to evaluate and analyse is essential.

### EXAM BOARD

Edexcel

### FUTURE OPPORTUNITIES

This course is particularly suited to those who want to progress into Journalism, History, Law and Economics. Studying Politics will also help you on a path to a range of careers in the Civil Service and Local Government, such as a Parliamentary Researcher, Policy Officer, Social Researcher or Politician's Assistant. However, first and foremost, you should choose to study Politics if you have an interest in the subject.





## PSYCHOLOGY

Psychology allows you to develop an awareness of the complexities of individuals and how this influences all behaviour. By gaining knowledge on the varying perspectives, you are asked to consider the merits of these views and how they can be challenged. This knowledge will allow you to understand and explain a range of behaviours and topics and implement ways in which they can be investigated.

Through the use of real life examples and educational visits you will gain an understanding of the importance and application of psychology in the real world. This vast knowledge will allow you to objectively question behaviour at a deeper level, understanding that not everything is as it seems, and why this is the case.

Through studying it you will discover the answer to questions such as: How do we investigate behaviour? Why do we fall in love? Why do people forget? Why do people obey?

### ENTRY REQUIREMENTS

A good range of GCSEs at grades 4 and 9, including English, Maths and Science at grade 5 and above. You do not need to have studied psychology before but you should be able to show an interest in psychology and human behaviour.

### EXAM BOARD

AQA

### FUTURE OPPORTUNITIES

Psychology is accepted as a suitable A level for a wide range of degree courses including Medicine. It is a useful qualification for anyone who is intending to follow a career that involves close interaction with people in any setting.



## RELIGIOUS STUDIES

If you have a faith of any kind, are an atheist or agnostic, or simply follow a set of non-religious principles and values, then you will get a lot out of this course.

The Religious Studies A level is divided into 3 parts: **Philosophy**, **Ethics** and the study of one religion (**Islam**).

The Philosophy strand of the course looks at the very first ideas about what God was like from the ancient Greeks and the early Jews/Christians. It then looks at classical arguments to prove that God exists such as the argument from design - the world is too complex to have happened by chance and so must have been designed by God, and the argument from cause - everything has a first cause - which must be God. In contrast you will then look at arguments to prove that God does not exist such as the 'Problem of Evil' - if God exists, why do people suffer?

The Ethics section looks at what we mean by right and wrong and why something may be right for one person but not for another, where do we get our morals from and the influence of society on our values and morals. You will look at Utilitarianism - doing the greater good for the greater number, and Natural Moral law - the idea that God has set down laws for us to follow. Ethical theories are then applied to modern issues such as genetic engineering, abortion, euthanasia and war and peace. In Year 2 you will investigate Free Will and Determinism - how much choice in life do we really have and how much is predetermined - by God, culture or biology.

### ENTRY REQUIREMENTS

A good range of GCSEs at grades 4 to 9, including Maths at grade 4 or above and both English Language and Religious Studies at grade 5 or above.

### EXAM BOARD

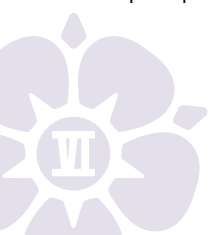
WJEC

We also study the rise of new Atheism, and what Freud and Jung have to say about religion including the reasons why people follow it.

The Islam Component will explore the origins of Islam and what it means to be a Muslim, both in the past and in modern times. Students will study the life of Muhammad (pbuh) and why the way he lived is still important to Muslims today, key Muslim beliefs, and the relationships Muslims have with Allah. Students will research texts from the Quran and investigate how Muslims use the Quran to make moral decisions. Once students have developed a deep understanding of Islamic beliefs and practices they will explore how these beliefs and practice differ between Sunni, Shiah and Sufi Muslims, and how they relate to modern day issues such as Muslim attitudes towards Jews and Christians, family, crime and punishment, money, sex and divorce.

### FUTURE OPPORTUNITIES

This qualification leads to careers in the public sector such as teaching, counselling, social work, law and care work, or in management, business, journalism and television.





## SOCIOLOGY

Sociology is the study of society and the way in which it operates. It allows you to develop a framework for critically examining the social world and why humans behave the way they do. It asks fundamental questions on whether human action is determined or negotiated through agency. It asks difficult questions which should challenge your existing assumptions on the nature of social life.

The course covers exploration of the education system and culture and its influences on society and identity. You discover a variety of different perspectives using the topics of poverty, education, crime and global development as a focus. You will use theories and concepts to question the world around you, and ask questions of others.

If you have an open mind and are interested in the way in which people interact, then this course would suit you.

### ENTRY REQUIREMENTS

A good range of GCSEs at grades 4 to 9, including Maths at grade 4 (or above) and English Language at grade 5 (or above).

### EXAM BOARD

AQA

### FUTURE OPPORTUNITIES

Sociology provides you with good analytical thinking skills which are sought after by universities and employers. Many of our students follow degrees in sociology or combined degrees involving sociology at university.



## SPANISH

Spanish is a global language and is the second most spoken language in the world. Studying A level Spanish will give you access to other cultures, help you to find unique job opportunities and make travel easier.

A level Spanish builds on the language skills you acquired while studying for GCSE. This course will help you become more fluent and more knowledgeable about current affairs and the culture of Spanish-speaking countries. You will be taught using a range of resources including published multi-media materials, magazines and authentic, online resources. Your Spanish will improve through regular focused teaching, supported by weekly tutorials with the Spanish Language Assistant.

A Level study covers a wide variety of topics, from current issues and politics in Spain, to Spanish heritage, arts and society as a whole.

### FUTURE OPPORTUNITIES

A Level Spanish is a requirement for going on to take a degree in Spanish. Being proficient in a second language gives a real boost to your career prospects. In an increasingly competitive job market, a qualification in a foreign language can make you stand out from the crowd. Competency in a second language opens-up doors to the international STEM markets. In our increasingly globalised economy, we need a workforce that is not just technically skilled but

### ENTRY REQUIREMENTS

A good range of GCSEs at grades 4 to 9, including English Language at grade 5 (or above) and Maths at grade 4 (or above). Ideally you will have a grade 6 at GCSE level in Spanish. You will need to be prepared to work hard and be brave enough to speak in Spanish so that you can improve your spoken language.

### EXAM BOARD

AQA

one that has knowledge about the world. Many organisations do business or have offices in other countries so having a team that can easily communicate is invaluable.

Specialist language occupations include working as a translator, interpreter or language teacher. However, with globalisation, a qualification in a language can also be advantageous in pursuing careers in areas you might not have thought of. These include tourism, entertainment, public relations and mass communication, international organisations, embassies, diplomatic service and publishing. Competency in a second language opens-up doors to the international STEM markets. In our increasingly globalised economy, we need a workforce that is not just technically skilled but one that has knowledge about the world. Many organisations do business or have offices in other countries so having a team that can easily communicate is invaluable.







## TEXTILES

In A Level Textiles students will explore a variety of artefacts, images and resources relating to art, craft and design. Their investigation and making process will inspire responses shown through practical and critical activities that demonstrate understanding of traditions, genres and styles. You will have the opportunity to practise and develop a range of textile media, processes and techniques, exploring both traditional and new media.

You will develop your use of drawing and application of colour for different purposes and a variety of methods and media. Students may use sketchbooks, workbooks or journals to underpin their work, where appropriate.

You will be required to work in **one or more** area(s) of textile design and may explore overlapping areas and combinations of areas:

- fashion design
- fashion textiles
- costume design
- digital textiles
- printed and/or dyed fabric and materials
- domestic textiles and wallpaper
- interior design
- constructed textiles
- art textiles
- installed textiles.

### ENTRY REQUIREMENTS

At least 5 GCSEs between grades 4 and 9, including English and Maths. A grade 5 or above in either Textiles, Fine Art, Three Dimensional Design or Photography. Portfolio submissions from students who have not completed this subject at GCSE will be considered at the discretion of the subject teachers.

### EXAM BOARD

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Over the course of two years, you will complete a practical personal study, building a portfolio of work, before also completing a practical exam project.

### FUTURE OPPORTUNITIES

Students completing this course can go on to complete higher education courses in subjects such as Surface Design, Fashion Design, Costume, Textiles Design, Fashion and Textiles with Business.



## THREE DIMENSIONAL DESIGN

Three Dimensional Design is a specialist art and design endorsement which allows you to explore a range of art, craft and design practices to meet a specific need with sensitivity to both function and aesthetics. You will use the fantastic facilities available within the Technology department to realise the full potential of your ideas and designs through the application of appropriate technical processes.

Students will complete a practical personal study, building a portfolio of work over the course of two years, before also completing a practical exam project. You will also be expected to complete an exam project and a final practical outcome. You will have weekly one to one tutorial meetings with your teachers to set targets and support development. This structure allows you to foster your own ideas and creativity.

### ENTRY REQUIREMENTS

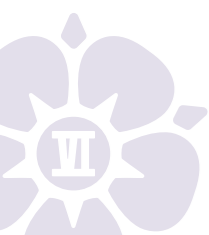
At least 5 GCSEs between grades 4 and 9, including English and Maths. A grade 5 or above in Three Dimensional Design. Portfolio submissions from students who have a grade 5 or above in either Fine Art or Photography at GCSE will be considered at the discretion of the subject teachers.

### EXAM BOARD

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### FUTURE OPPORTUNITIES

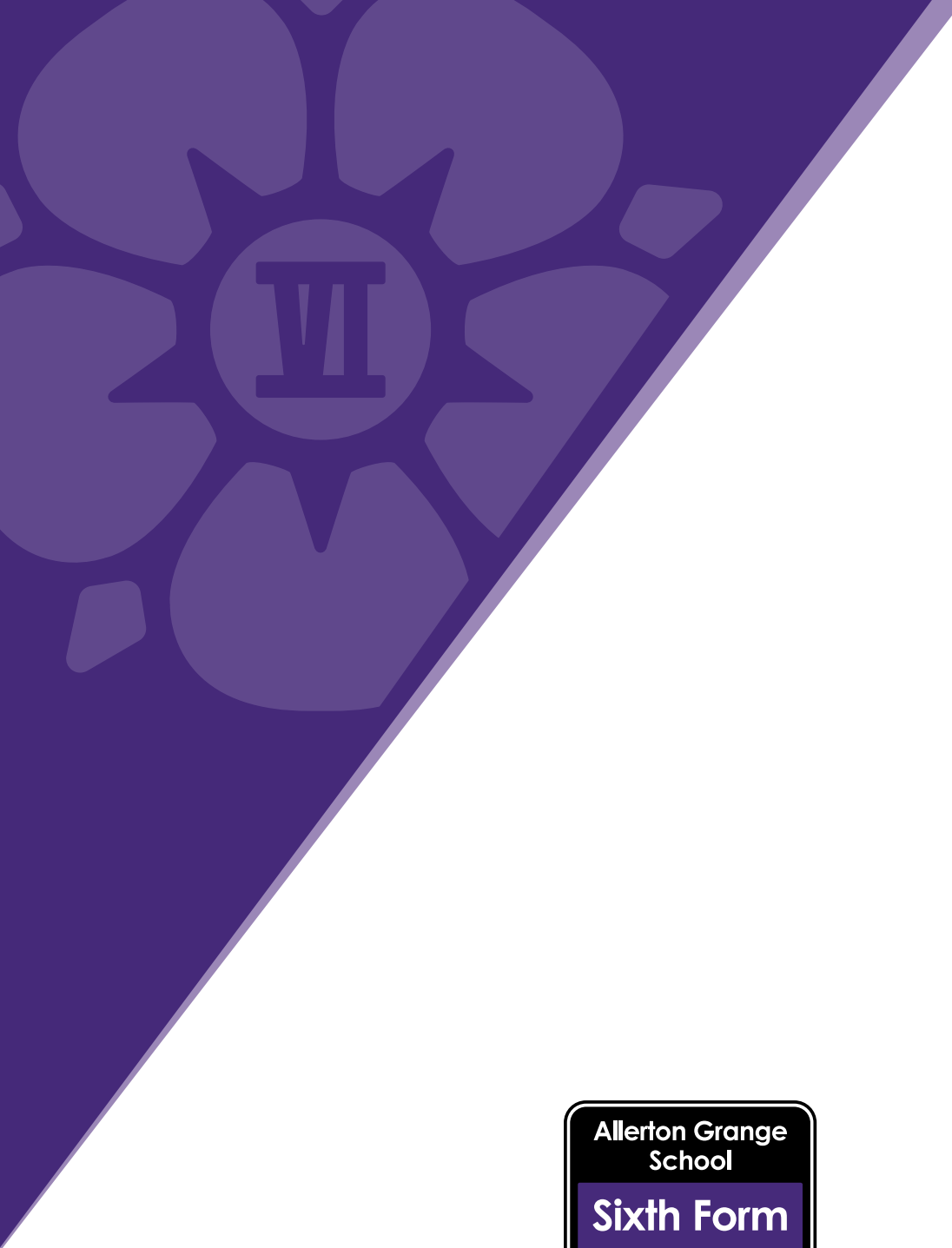
Students completing this course can go on to complete courses in subjects such as Product Design, Furniture Design, Graphic Design, General Engineering, Civil Engineering, Industrial Project Design, Web Design, Biotechnology, Material Science or Theatrical set design.





“Our Sixth Form is a welcoming and inclusive environment, with many opportunities for students...”





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