# COMPUTER SCIENCE

## 01 INFORMATION

### QUALIFICATION
A Level

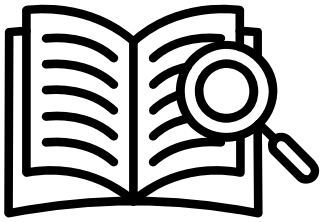
### EXAMINATION BOARD
OCR

### COURSE LENGTH
2 years

### ENTRY REQUIREMENTS
- Grade 7 in GCSE Mathematics
- Grade 6 in GCSE Computing (or ICT) if taken.

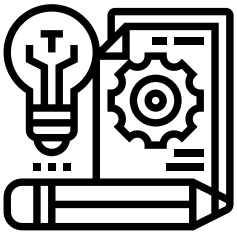
This course is ideal for students wanting to deepen their understanding of computer science and apply coding to real-world problems, especially those aiming for a career in the computing industry.

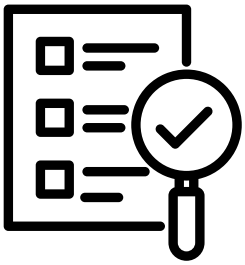
## 02 DETAILS



### WHAT WILL I STUDY
Programming (Python or similar), data structures, algorithms, theory of computation, data representation, computer systems, networking, databases, big data, functional programming, and a practical project.

### HOW WILL I BE TAUGHT
A mix of programming and theory, with an emphasis on independent study.





### HOW WILL I BE ASSESSED
Two written exams (**40%** each) and a programming project (**20%**).
If starting with the AS level, two exams cover computing theory and programming concepts equally.

## 03 FUTURE

This course provides a foundation for numerous higher education opportunities in IT. It equips students with skills in problem solving, project management, analysis, and a technical understanding of computer systems.

Potential career paths include software engineering, IT auditing, systems security administration, data modelling, cyber security, and more.

# BIOLOGY

## 01 INFORMATION

### QUALIFICATION
A Level

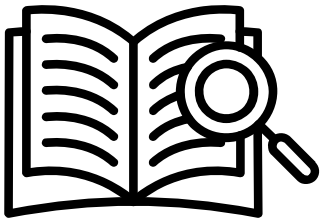
### EXAMINATION BOARD
OCR

### COURSE LENGTH
2 years

### ENTRY REQUIREMENTS
- Grade 6 in GCSE English
- Grade 6 in GCSE Maths
- Grade 7 in Biology or 7/7 in Combined Science

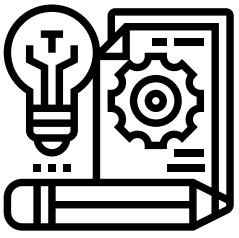
Biology is a science at the forefront of some of the most exciting and sensitive issues in the news today. Are you intrigued when you hear about the medical developments in genetic engineering? Do you want to know why cells divide and what are the causes of cancer? Or are you concerned with the threat of global extinction and the devastation being caused by global warming?

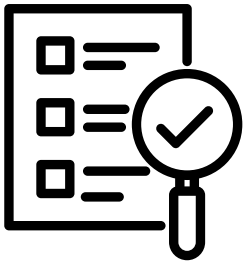
## 02 DETAILS



### WHAT WILL I STUDY
You will study topics that you are familiar with from GCSE, but at a much deeper and more challenging level - Development of practical skills, Foundations in biology, Exchange and transport, Biodiversity, evolution and disease, Communication, homeostasis and energy and Genetics, evolution and ecosystems.

### HOW WILL I BE TAUGHT
Via a series of practical and theory lessons. Our approach is to make the lessons as interactive as possible.





### HOW WILL I BE ASSESSED
Teaching of practical skills is integrated with the theoretical topics. You will be externally assessed through written papers set by OCR. You will also be assessed by your teacher for the Practical Endorsement, for which you will carry out a minimum of 12 tasks during the course.

## 03 FUTURE

Achieving A Level Biology can lead to a wide range of careers or degree courses. You can go on to study biochemistry, biomedical sciences, biology, medicine, microbiology, pharmacy, psychology, veterinary science and zoology amongst other rewarding subjects at university. Biology is also an excellent A Level for entry to non-science careers or degree courses.

# PHYSICS

## 01 INFORMATION

### QUALIFICATION
A Level

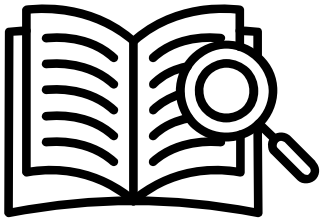
### EXAMINATION BOARD
OCR

### COURSE LENGTH
2 years

### ENTRY REQUIREMENTS
- Grade 6 in GCSE English
- Grade 6 in GCSE Maths
- Grade 7 in Physics or 7/7 in Combined

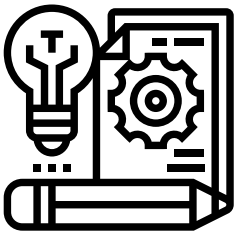
For students who like to solve problems and answer challenging questions about the physical world around them. This is an essential course for anyone who is interested in finding out about the world around them from the smallest particle to the entire universe.

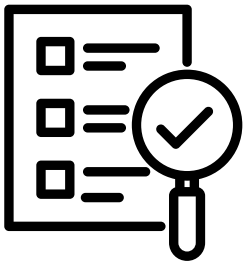
## 02 DETAILS



### WHAT WILL I STUDY
The course looks at and connects the following topics: Newtonian mechanics, energy, electricity, magnetism, photons, quantum universe, cosmology, nuclear, medical, thermal and particle physics - Forces and motion, Foundation in physics, Electrons, photons and quantum mechanics, Newtonian world and astrophysics, Particles and medical physics and Practical skills in physics

### HOW WILL I BE TAUGHT
Via a series of practical and theory lessons. Our approach is to make the lessons as interactive as possible.





### HOW WILL I BE ASSESSED
Teaching of practical skills is integrated with the theoretical topics. You will be externally assessed through written papers set by OCR. You will also be assessed by your teacher for the Practical Endorsement, for which you will carry out a minimum of 12 tasks during the course.

## 03 FUTURE

Physics gives you the skills to problem solve, so after the successful completion of a physics course you will be welcomed on to any university course or training programme. Careers include astronaut, Computer Science, Engineering, Finance, Medicine, research scientist and sport science.

# CHEMISTRY

## 01 INFORMATION

### QUALIFICATION
A Level

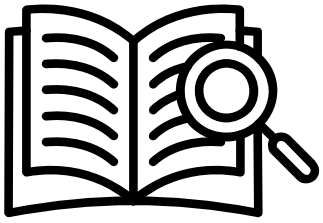
### EXAMINATION BOARD
OCR

### COURSE LENGTH
2 years

### ENTRY REQUIREMENTS
- Grade 6 in GCSE English
- Grade 6 in GCSE Maths
- Grade 7 in Chemistry or 7/7 in Combined Science

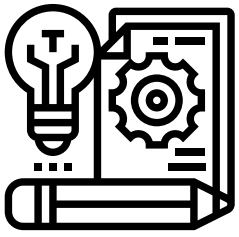
Chemistry allows you to study and explore the world around you. If you are interested in problem solving, using logic and maths, and studying trends and patterns, chemistry is for you. You will find out the truth about the particles that make up atoms and build your knowledge of fuels and chemicals that we use every day. You will also find out how TNT is made and how drug cheats are caught.

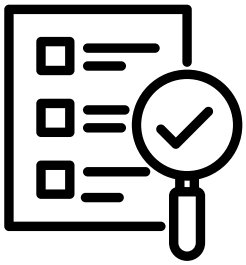
## 02 DETAILS



### WHAT WILL I STUDY
You will study topics that you are familiar with from GCSE, but at a deeper and more challenging level. The A Level qualification, content is split into six teaching modules: Module 1: Development of practical skills in chemistry, Module 2: Foundations in chemistry, Module 3: Periodic table and energy, Module 4: Core organic chemistry, Module 5: Physical chemistry and transition elements, Module 6: Organic chemistry and analysis

### HOW WILL I BE TAUGHT
Via a series of practical and theory lessons. Our approach is to make the lessons as interactive as possible.





### HOW WILL I BE ASSESSED
Teaching of practical skills is integrated with the theoretical topics. They will be externally assessed through written papers set by OCR. You will also be assessed by your teacher for the Practical Endorsement, for which you will carry out a minimum of 12 tasks during the course.

## 03 FUTURE

Achieving A Level Chemistry can lead to a wide range of careers or degree courses. You can go on to study biochemistry, biomedical sciences, chemistry, pharmacy, psychology and medicine. At university Chemistry is also an excellent A Level for entry to non-science careers or degree courses.

# ENGLISH LITERATURE A

## 01 INFORMATION

**QUALIFICATION**
A Level

**EXAMINATION BOARD**
AQA

**COURSE LENGTH**
2 years

**ENTRY REQUIREMENTS**
- Grade 6 in GCSE English

This course is relevant and engaging, that approaches the study of literature through the lens of historicism, encouraging the independent study of a range of texts within a shared context, giving logic and meaning to the way that texts are grouped for study.
Working from the belief that no text exists in isolation but is the product of the time in which it was produced, English Literature A encourages students to explore the relationships that exist between texts and the contexts within which they are written, received and understood. Studying texts within a shared context enables students to investigate and connect them, drawing out patterns of similarity and difference using a variety of reading strategies and perspectives. English Literature A privileges the process of making autonomous meaning, encouraging students to debate and challenge the interpretations of other readers as they develop their own informed personal responses.
This unifying approach facilitates the inclusion of a range of wider reading, thus extending students' experience and appreciation of literature.

## 02 DETAILS

### WHAT WILL I STUDY

**Paper 1 – Love through the ages**
You will study three texts: one poetry and one prose text, of which one must be written pre-1900, and one Shakespeare play.
The aim of this topic area is to encourage students to explore aspects of a central literary theme as seen over time, using unseen material and set texts.

**Paper 2 – Texts in shared contexts: Modern times:** literature from 1945 to the present day
You will study three texts: one prose, one poetry, and one drama, of which one must be written post-2000.
The aim of this topic is to take the end of WW2 as its historical starting point and explore both modern and contemporary literature's engagement with some of the social, political, personal and literary issues which have helped to shape the latter half of the 20th century and the early decades of the 21st century.

**Non-Examination Assessment – Independent critical study:** texts across time
In Texts across time, students write a comparative critical study of two texts.

### HOW WILL I BE TAUGHT

There will be two examinations: paper 1 lasting 3 hours and paper 2 lasting 2 hours and 30 minutes – these assessments cover 80% of your grade. The final 20% is Non-Examination Assessment (coursework).

## 03 FUTURE

This course will equip you with a variety of skills such as writing, analysis, applying context, reading for meaning, and communication. It is perfect if you enjoy the creative aspects of the written word and if you are interested in how literature, and the language within it, reflects society.
The study of English is universal and so is well regarded to open a huge range of many pathways including university, apprenticeships and higher education courses. It is particularly prevalent for careers in law, teaching, journalism, playwrighting, marketing, PR, media, advertising.

# GEOGRAPHY

## 01 INFORMATION

**QUALIFICATION**
A Level

**EXAMINATION BOARD**
AQA

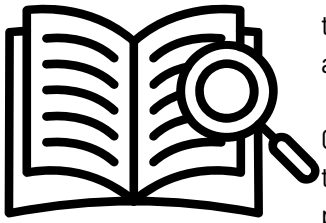
**COURSE LENGTH**
2 years

**ENTRY REQUIREMENTS**
- Grade 6 in Geography if studied
- Grade 6 in English & Mathematics

Geography is about far more than just maps and mountain ranges. It is the key to making sense of the world around us. It's hands on, relevant, and exciting. Geography puts the understanding of social and physical processes within the context of place - recognising the great differences in cultures, political systems, economies, landscapes and environments across the world, and exploring the links between them. Geography can provide you with knowledge and transferable skills which will advance your opportunities, no matter what your passion for the physical world might be.

## 02 DETAILS

### WHAT WILL I STUDY



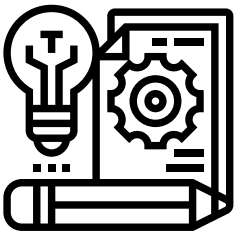
Component 1: (2 hours 30 minutes) Physical geography paper (120 marks, 40% of qualification) Exam paper has three sections covering: Water and the carbon cycle (section A), coastal systems and landscapes (section B) and hazards (section C).

Component 2: (2 hours 30 minutes) Human geography paper (120 marks, 40% of qualification) Exam paper has three sections covering: global systems and global governance (section A), changing places (section B) or population and the environment (section C).

Component 3: Geography fieldwork investigation (60 marks, 20% of qualification)
Students complete an individual investigation which must include data collected in the field. The individual investigation must be based on a question or issue defined and developed by the student relating to any part of the specification content.

### HOW WILL I BE ASSESSED

Examinations are at the end of the second year.



## 03 FUTURE

The study of geography could lead on to a range of careers through access to BA/BSc courses in environmental sciences, geography, geology, international development or property management.

# PHILOSOPHY & ETHICS

## 01 INFORMATION

**QUALIFICATION**
A Level

**EXAMINATION BOARD**
OCR

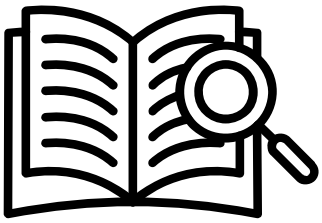
**COURSE LENGTH**
2 years

**ENTRY REQUIREMENTS**
- Grade 6 in English

If you enjoy questioning life and don't like to simply accept what we are told; if you like to have answers to the big questions that challenge our existence then this course is for you. If you enjoy debating your ideas and opinions with others and like to be challenged in your thinking then this course is definitely for you. You will be encouraged to think logically and you will be taught how to put those thoughts into carefully considered arguments.

## 02 DETAILS

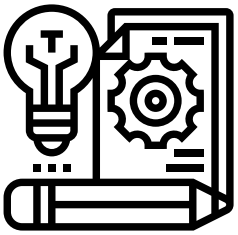
### WHAT WILL I STUDY

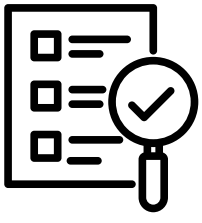


This is a challenging and exciting course that allows you to gain a thorough grounding in key philosophical concepts, themes and techniques. Philosophy of religion: Ancient philosophical influences: The nature of the soul, mind and body, arguments about the existence of God; The challenge for religious belief of the problem of evil, Ideas about the nature of God, Issues in religious language, religion and ethics, ethical theories such as Utilitarianism and Kant and the application of ethical theory to euthanasia and business, debates surrounding the significant idea of conscience, sexual ethics and the influence on ethical thought of developments in religious beliefs and developments in religious thought, religious beliefs, values and teachings, their interconnections and how they vary historically and in the contemporary world, sources of religious wisdom and authority, significant social and historical developments in theology and religious thought, key themes related to the relationship between religion and society all learners will study in the context of Christianity.

### HOW WILL I BE TAUGHT

Lessons are taught using a variety of university style lectures to introduce new topics, presentations and small group work sessions. Philosophy and Ethics is taught in a very active manner using such things as junk modelling and student led activities.





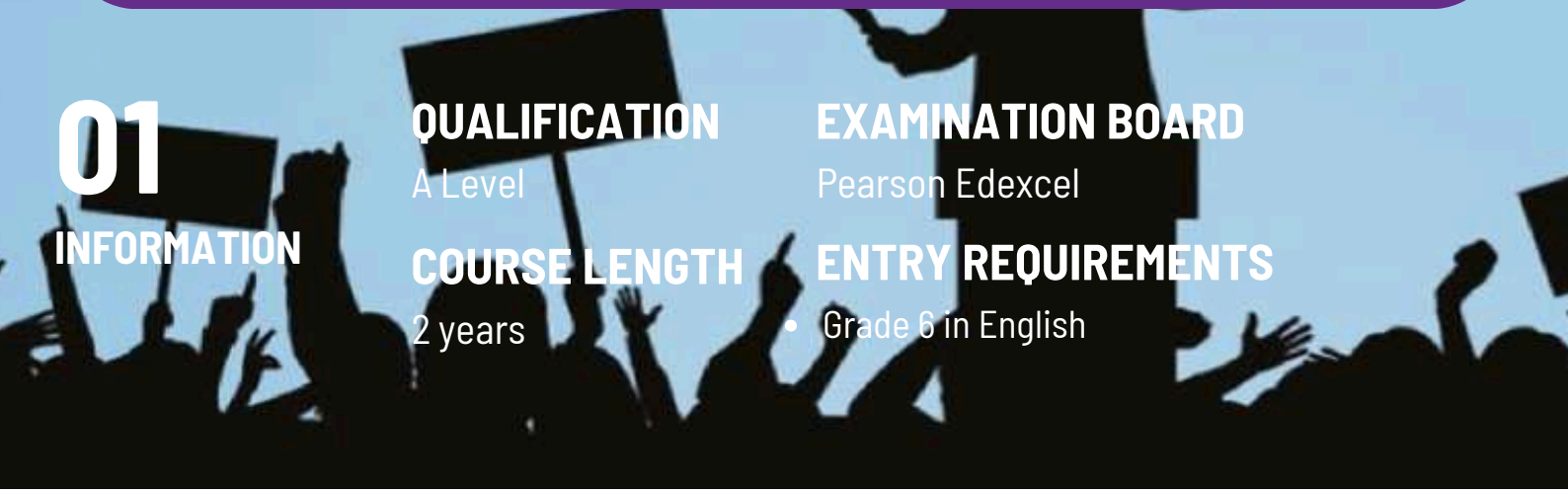
### HOW WILL I BE ASSESSED

You will be assessed via external examinations at the end of Year 13. There are 3 exams each of 2 hours length.

## 03 FUTURE

This course will lead onto higher education degrees in a wide range of subjects, including English, RE, History, Law, Politics, Sociology and teaching. With a Philosophy and Ethics A Level there are numerous career opportunities available to you, such as Journalism, Law, Political work and teaching. The skills learnt studying this subject can be transferred across many careers that require you to think analytically and require you to argue.

# GOVERNMENT & POLITICS



## 01 INFORMATION

**QUALIFICATION**
A Level

**EXAMINATION BOARD**
Pearson Edexcel

**COURSE LENGTH**
2 years

**ENTRY REQUIREMENTS**
- Grade 6 in English

This course will appeal to those students who like to know how the countries are run, specifically in the UK and the US. it will also interest those who keep up to date with current affairs. If you are opinionated and have a love of argument, this is the course for you!

## 02 DETAILS

### WHAT WILL I STUDY

In Year 12 you will learn about how the UK is governed and why it is governed in this way. In Year 13 you will examine how the USA is governed and why and then compare this to the UK.
Units covered:
•UK Politics - Elections, political parties and looking in depth at how the media impacts on voting behaviour
•UK Government - Features and functions of parliament, the Supreme Court and the power of the Prime Minister
•Political ideas - Liberalism and Feminism
•US political comparison - Compare the government of the UK with the USA focusing in on the power of the President and Prime Minister and how elections work.

### WHICH SUBJECTS COMPLIMENT GOVERNMENT & POLITICS

History, Economics and Law

### HOW WILL I BE TAUGHT

Seminars, lecture style, debates and group work.

### HOW WILL I BE ASSESSED

There are three examinations each with equal weighting, essay writing in this subject is a crucial skill.

- UK Politics
- UK Government
- UK and USA comparative politics

## 03 FUTURE

Having A Level Politics can lead you to university degree courses in advertising, ethics, history, international development, journalism, media studies, philosophy, politics, and sociology.
Politics combines well with English language, English literature, geography, history, philosophy and sociology.

# HISTORY

## 01 INFORMATION

**QUALIFICATION**
A Level

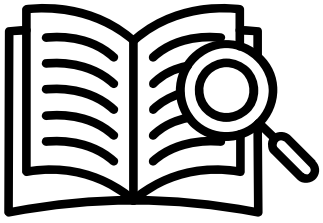
**EXAMINATION BOARD**
OCR

**COURSE LENGTH**
2 years

**ENTRY REQUIREMENTS**
- Grade 6 in History if studied
- Grade 6 in English

History is the study of the past, and by studying the past we can begin to make sense of the present, which enables us to make educated decisions about the future. An A-level in History enables you to weigh evidence, form reasoned and justified arguments and to think critically about other people's ideas – all deeply valuable skills in the world and workplace today. Our History A-level is taught by staff who are unashamedly passionate about their subject so if you love to read and talk about the past, if you enjoy discussion and debate, and if you are keen to delve deeper into historians' arguments, then this is the subject for you!

## 02 DETAILS

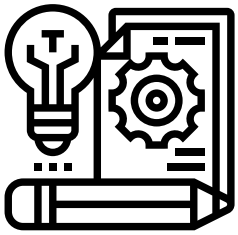


### WHAT WILL I STUDY

The two years will be divided into four units.
•Unit 1: Early Tudors 1485-1558
•Unit 2: The Cold War in Europe, 1943-1995
•Unit 3: Popular Culture and the Witch Craze of the sixteenth and seventeenth centuries
•Unit 4: Non examined assessment: Topic based essay

### HOW WILL I BE TAUGHT

Lessons are taught using a variety of methods including independent reading, presentations, debate, seminar-style discussions, analysing other historians' works and creative modelling or role play. The expectations are extremely high so you must be prepared to carry out extra reading and consistently contribute to lesson discussions.



### HOW WILL I BE ASSESSED

All exams are taken at the end of the two year A Level.
•Unit 1: 1 hour 30 minutes examination (25% of total A Level), Unit 2: 1 hour examination (15% of total A Level), Unit 3: 2 hour 3 minutes examination (40% of total A Level)
•Unit 4: Coursework. Individual 3-4000 word essay based on a choice of topics. (20% of total A Level)

## 03 FUTURE

This course will lead onto higher education degrees in a wide range of subjects, including English, history, law, politics, sociology and teaching. With a History A Level there are numerous career opportunities available to you, such as journalism, law, political work and teaching. The skills learnt studying this subject can be transferred across many careers that require you to think analytically and require you to argue.

# SPORT STUDIES

## 01 INFORMATION

### QUALIFICATION
Level 3 Cambridge Tech

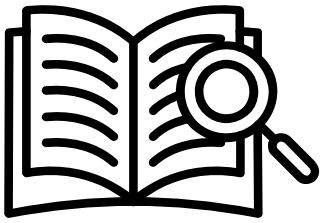
### COURSE LENGTH
2 years

### EXAMINATION BOARD
OCR

### ENTRY REQUIREMENTS
- Grade 2M+ in OCR Sports Studies or Science
- Grade 4 in English
- Must play in team or individual sports

Students who are interested in sport in general, but especially for those who would like to seek a career in the world of sport. Also for those who enjoy a mixture of practical sport, coaching and theoretical areas surrounding sport. This is a vocational course and in support of this, we aim to provide a number of opportunities for you to see for yourselves a broad range of PE/Sport providers.

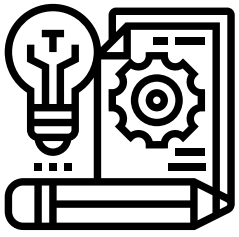
## 02 DETAILS

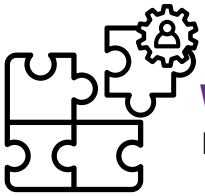


### WHAT WILL I STUDY
A mixture of units that cover the broad spectrum of sport. The various units will be delivered either as practical, theory, or seminar. Units that will be covered in the duration of the course:

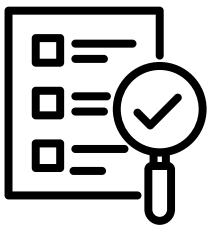
•Unit 1 - Body systems and the effects of physical activity
•Unit 2 - Sports coaching and activity leadership
•Unit 3 - Sports organisation and development
•Unit 8 - Organisation of sports event
•Unit 18 - Practical skills in sport and physical activities

### HOW WILL I BE TAUGHT
You will be taught via a range of different teaching styles. Some lessons will be structured classroom lessons; exploration of the internet and books; through practical activities; teacher led workshops; group work and seminars.





### WHICH SUBJECTS COMPLIMENT SPORT STUDIES
Biology, Business Studies, Criminology, Food Science and Nutrition, Health and Social Care, Psychology



### HOW WILL I BE ASSESSED
3 units will be internally assessed via the quality of the students' coursework.2 units are externally assessed via written examinations.

## 03 FUTURE

If you're wanting to seek employment in physical activity or sport then this course would be beneficial for aspiring PE teachers, sports development officers/coaches, and sports events management. This course is also a very relevant stepping stone onto many sport science related university courses.

# MUSIC

## 01 INFORMATION

### QUALIFICATION
Level 3 Diploma

### EXAMINATION BOARD
RSL

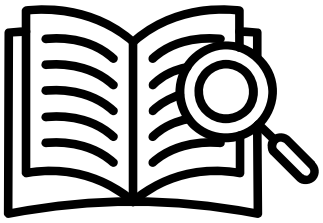
### COURSE LENGTH
2 years

### ENTRY REQUIREMENTS
- Grade 5 or above in GCSE Music/L2 Merit or above in BTEC Music (or equivalent)
- Must currently play a musical instrument

The Level 3 RSL course is an enjoyable, creative course for students who wish to pursue a career or interest in music. Students with a strong interest in music and who enjoy performing, both as an individual and as part of a group, are best suited to this course. Music study fosters creativity and problem solving skills, which are highly valued in business environments.

## 02 DETAILS

### WHAT WILL I STUDY



The qualification includes both core and optional units. You will follow the Performance pathway, although there may be the opportunity to study an optional unit from one of the other pathways.

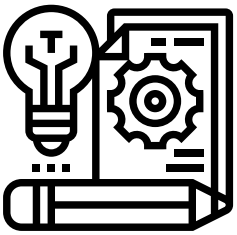
Core Units:
·Rehearsal Skills & Live Music Performance
·Planning a Career in Music

Examples of Optional Units:
·Auditioning for Music
·Improving Instrumental Performance
·Listening to Music
·Understanding Musical Styles

Optional units will be chosen to reflect the interests and skill set of the cohort.

### HOW WILL I BE TAUGHT

All units will be completed through a combination of practical and written work.



## 03 FUTURE

Completing the Level 3 RSL course will prepare you for further study in Music or related performance subjects. You will also gain valuable experience relevant to building a career in the music industry. Studying Music develops a broad range of valuable, transferable skills which employers and universities are always looking for.

# FOOD SCIENCE & NUTRITION

## 01 INFORMATION

### QUALIFICATION
Level 3 Food Science and Nutrition

### EXAMINATION BOARD
WJEC

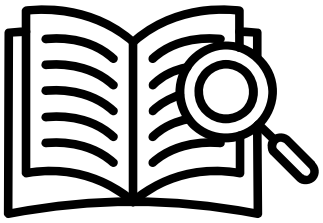
### COURSE LENGTH
2 years

### ENTRY REQUIREMENTS
- Grade 5 or above in English & Mathematics
- L2M – L2D* in Hospitality and Catering,
- GCSE Food and Nutrition Grade 5 and above.

An exciting new course which will allow students to learn about the relationship between the human body and food as well as developing practical skills linked to experimental work and the cooking and preparation of food

## 02 DETAILS

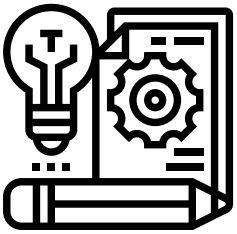
### WHAT WILL I STUDY



Students will have the opportunity to learn about the relationship between the human body and food as well as practical skills for cooking and preparing food. Students will be able to consider employment in a range of different industries including the food and drinks sectors of hospitality, catering, food production and food retail.

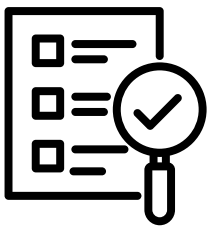
The course has been designed around the concept of a 'plan, do, review' approach to learning. There is a strong emphasis on practical work, making this an ideal choice for students who learn by doing. The qualification mirrors many work activities in the food and nutrition industry and facilitates learning in a range of contexts. Students are able to apply and extend their learning outside the confines of the classroom

### HOW WILL I BE TAUGHT



This will be taught over a mixture of theory and practical lessons. Skills will be developed from KS4 Hospitality and catering and lead to more scientific research and recording of findings focusing on the nutritional aspect of food dishes and the benefits of food nutrition from a scientific view

### HOW WILL I BE ASSESSED



Assessment Overview - Coursework – 50%, Exam – 50%
Unit 1- 25% Exam, 25% Coursework
Unit 2- 25% coursework
Unit 3 or 4- 25% Internal assessment

The WJEC Level 3 Diploma in Food Science and Nutrition is assessed through a combination of a written exam and external assignment set and marked by WJEC. Learners will be involved in weekly practical sessions and will build on the skills and knowledge developed at GCSE level

## 03 FUTURE

Students on this course will already show an excellent understanding and food and nutrition and hospitality and catering. Further education could lead to degrees in sports science, food nutritionist, scientific research or any career in hospitality and catering in a global industry.

# ART & DESIGN
# (FINE ART OR GRAPHIC COMMUNICATIONS)

## 01 INFORMATION

**QUALIFICATION**
A Level

**EXAMINATION BOARD**
OCR

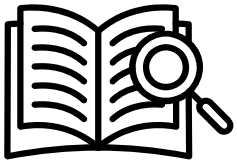
**COURSE LENGTH**
2 years

**ENTRY REQUIREMENTS**
- Minimum Grade 5 In GCSE Art & Design in Fine Art/ Graphic Communications
- Distinction in BTEC Art
- GCSE Grade 5 in English

Students will be introduced to a variety of experiences that explore a range of fine art media, processes and techniques. They will be made aware of both traditional and new media.

## 02 DETAILS

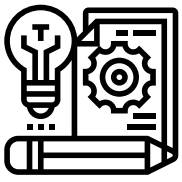
### WHAT WILL I STUDY



A Level: in Fine Art or Graphic Communication
Component 01: Personal investigation
There are two distinct elements:
A practical portfolio with supporting contextual research in response to a set theme. The portfolio may be presented in a format appropriate to the specialism and area of study chosen.
A related essay/study using words and illustrations demonstrating the context in which their portfolio exists, exploring the relevant genre, subject matter, movement or historical framework of the selected theme.
Component 02: Externally set task:
Students can choose a starting point from any of the seven given themes for which they will generate an appropriate personal response for assessment. They will carry out preparatory work to research, plan and develop their ideas, before engaging in 15 hours of supervised time to complete their work.

### HOW WILL I BE ASSESSED

Component 1 – internally assessed and Externally moderated 60% of grade
Component 2 = Externally set and moderated 40% of grade



### HOW WILL I BE TAUGHT

Students will work independently on personal portfolio and tasks with guidance/ support from specialist staff.

## 03 FUTURE

Successful A level Art students can go on to study on a range of Art & Design foundation and degree courses, nationally and internationally, and train in their area of specialisation, before going on to become an Artist, Fashion Design, Graphic Design, Architect, or Arts Professional in a broad variety of specialist areas. Art can also develop highly valuable transferable skills, including creative ideas development, problem-solving, contextual interpretation, and visual communication, as well as organisational, presentation, and team-working skills.

# PERFORMING ARTS

## 01 INFORMATION

### QUALIFICATION
Level 3

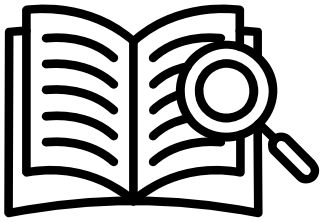
### EXAMINATION BOARD
OCR

### COURSE LENGTH
2 years

### ENTRY REQUIREMENTS
- Grade 5 in English and 4 in Mathematics
- Grade 5/L2M in Performing Arts if taken at GCSE
- Merit in a Performing Arts subject

If you have a passion for performing dance, drama and musical theatre and have an interest in the creative process as well as performing, then this is the course for you. Whether you want a career in the performing arts industry (extended diploma) or you want to engage with any of the art form to satisfy your creative desire and help develop skills for other careers (extended certificate), you will find this course both stimulating and challenging.

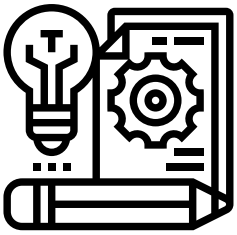
## 02 DETAILS



### WHAT WILL I STUDY
During this course there will be an emphasis on performance technique through the study of influential practitioners across performing arts history. You will develop skills and techniques for live performance work as well as specialising in your chosen discipline. As well as practical work analysis of professional work is an important component of study as this will encourage your creativity and exploration in developing your own artistic practice.

### HOW WILL I BE TAUGHT
This course will be tailored to suit your creative ability in modules that you will study dance, drama and music.

There is no written examination. You will be assessed on a wide variety of modules that will include dance, drama and music.



## 03 FUTURE

Higher Education: Performing Arts could lead on to studying a degree in dance, drama, music, performance, teaching or another related subject.

Career opportunities: beyond the prospect of becoming a professional artist, you may also use this qualification to reach other areas of the industry such as arts choreography, arts journalism, and creative direction within a theatre or independent company or arts therapy.

Compliments careers such as: Lawyer, Personal Trainer, Events Management, Youth Worker.

# BUSINESS STUDIES

## 01 INFORMATION

### QUALIFICATION
Level 3 Cambridge Technical Extended Certificate

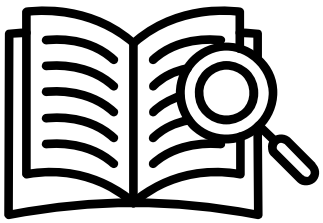
### COURSE LENGTH
2 years

### EXAMINATION BOARD
OCR

### ENTRY REQUIREMENTS
- Grade 5 in English
- Grade 5 in Mathematics

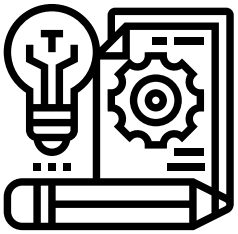
If you want to broaden and expand your knowledge in the specialist work-related area of business and develop the essential skills and understanding needed to gain confidence and progression, then this vocational course will interest you. It will prepare you for progression to university or into employment in this vocational sector.

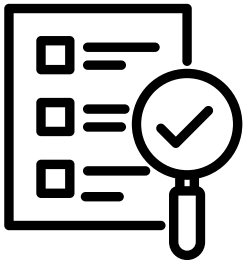
## 02 DETAILS



### WHAT WILL I STUDY
The course is made up of five units taken over two years.
- Unit 1 - The business environment (exam)
- Unit 2 - Working in business (exam)
- Unit 11 - Accounting concepts (coursework)
- Unit 4 - Customers and communication (coursework)
- Unit 20 - Business events (coursework)

### HOW WILL I BE TAUGHT
You will learn by completing a mix of coursework assignments, whilst preparing for final exams. The coursework is based on key functions of business, while using real scenarios to help you evidence the skills required. The exam units are focused on an 'introduction to business studies' and the skills required for 'working in a business'.





### HOW WILL I BE ASSESSED
Exam units and coursework projects.

## 03 FUTURE

Business combines well with digital media, finance, health and social care, IT, mathematics, performing arts and sport. The course provides a solid foundation for studies at a higher level in the following areas: accountancy and finance, business management or administration, human resource management and marketing.

# DIGITAL MEDIA

## 01 INFORMATION

### QUALIFICATION
Level 3 Cambridge Technical Extended Certificate

### COURSE LENGTH
2 years

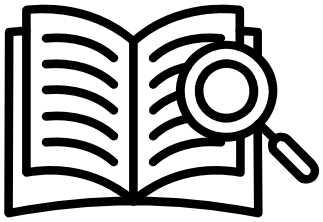
### EXAMINATION BOARD
OCR

### ENTRY REQUIREMENTS
- Grade 4 in English & Mathematics
- An interest in creative subjects would be advantageous

Anyone interested in a career in the media or who just has a fascination for how we interact with films, television, newspapers, magazines and the internet.

## 02 DETAILS

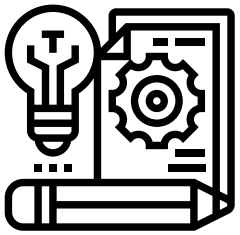
### WHAT WILL I STUDY



Compulsory Units
- Unit 1 – Media products and audiences
- Unit 2 – Pre-production and planning
- Unit 3 – Create a media product

Optional units - The following units are subject to change, based on student's interest.
- Unit 7 – Journalism
- Unit 22 – Scripting
- Unit 23 – Creating a media profile

### HOW WILL I BE TAUGHT



There will be a variety of teaching formats – university style lectures, small group discussions, student led presentations, group and practical tasks. This is a highly practical course where you are expected to generate ideas and create media products using cameras and IT software.

### HOW WILL I BE ASSESSED

Unit 1 and 2 – external examinations (50% of qualification combined)
Units 3, 20, 22 and 23 are coursework and will be externally moderated (50% of qualification combined).

## 03 FUTURE

Digital Media combines well with applied science, business, English language, English literature, IT, music, performing arts, psychology, sociology and sport.
Higher Education: BA/BSc in art, film production, media studies, psychology, sociology and teaching.
Career opportunities in: Advertising, art, any kind of PR work or job where you have to present ideas, communications, journalism, law, marketing, social media and teaching.

# IT- DATA ANALYTICS

## 01 INFORMATION

### QUALIFICATION
Level 3 AAQ Cambridge Advanced Nationals

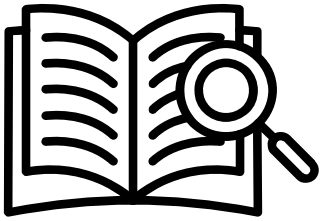
### COURSE LENGTH
2 years

### EXAMINATION BOARD
OCR

### ENTRY REQUIREMENTS
- Grade 5 in English
- Grade 5 in Mathematics
- Grade 5 in IT

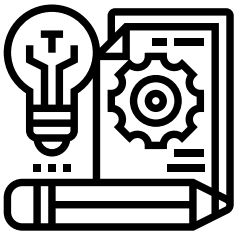
This qualification equips students with Practical skills in data gathering, storage, analysis, access, and visualisation. It gives them knowledge relevant for progression to undergraduate study in IT or data-related fields. A foundation in Big Data, data modelling (using spreadsheets and databases), the Internet of Everything, and digital marketing

## 02 DETAILS



### WHAT WILL I STUDY
- Fundamentals of data analytics
- Big data and machine learning
- Spreadsheet modelling
- Internet of Everything
- Digital Marketing

### HOW WILL I BE TAUGHT
The course is taught in modules by 2 specialist teachers. The lessons will be a mix of taught sessions, practical tasks, exam preparation and questioning, and coursework preparation.



### HOW WILL I BE ASSESSED
The course is assessed through two external examinations and 3 internally marked coursework units that are externally moderated

## 03 FUTURE

The course can lead to a wide range of future opportunities, both academic and professional.
Popular degree paths include: Computer Science, Cybersecurity, Software Engineering, Data Science, Digital Media, Business Information Systems.
IT related apprenticeships include: Network Engineer, Software Developer, IT Support Technician, Digital Marketer.

Job opportunities: Networking, Software developer, Tech support, Digital technology sector, Application development, Data analysis, Web developer, App developer and Software analyst.

# MATHEMATICS

## 01 INFORMATION

**QUALIFICATION**
A Level

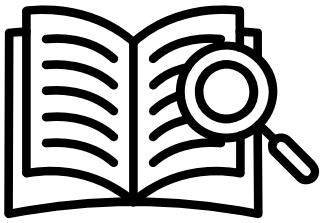
**EXAMINATION BOARD**
Edexcel

**COURSE LENGTH**
2 years

**ENTRY REQUIREMENTS**
- Grade 8 in GCSE Mathematics

This course will interest you if you have an enthusiasm for problem-solving, a willingness to try a variety of approaches and the tenacity to keep going in the hunt for possible solutions to awkwards problems. If you want to develop your ability to produce well-reasoned answers to extended mathematical problems, then maths could be the subject for you. It is highly logical; it requires imagination and determination to work well on your own.

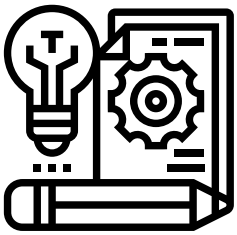
## 02 DETAILS



### WHAT WILL I STUDY

In the Pure component of the course you will learn methods and techniques which underpin the study of all other areas of mathematics, such as, proof, algebra, trigonometry, calculus, and vectors. Alongside this you will also study Statistics; reaching conclusions from data and calculating the likelihood of an event occurring. Finally there is a Mechanics component to the course; the modelling of the world around us, the motion of objects and the forces acting on them. Students planning careers in physics or engineering would find mechanics particularly useful.

### HOW WILL I BE TAUGHT



Lessons are taught using a variety of methods, university style lectures to introduce new concepts, presentations and individual or group work. You will be expected to spend at least an equal amount of time outside your timetabled lessons consolidating your learning.

### HOW WILL I BE ASSESSED

There are three external examinations at the end of year 13.

## 03 FUTURE

There is a huge shortage of people with STEM skills needed to enter the workforce.
Applications of mathematics in technology: Medical, Games Design, Internet Security, Financial engineering, Programming and Communications. On-going applications in engineering, such as: Aircraft Modelling, Fluid Flows, Acoustic, Software Development, Electronics and Civil Engineering.

New scientific processes such as: Modelling and predicting epidemics, Quantum Physics, Forensics, DNA sequencing and AI.

# FURTHER MATHEMATICS

## 01 INFORMATION

**QUALIFICATION**
A Level

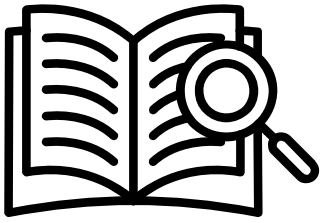
**EXAMINATION BOARD**
Edexcel

**COURSE LENGTH**
2 years

**ENTRY REQUIREMENTS**
- Grade 9 in GCSE Mathematics

Further Mathematics is an A level qualification taken in addition to an A level Mathematics. It is designed to stretch and challenge students and prepare them for university courses in mathematics and related quantitative and scientific subjects.

## 02 DETAILS

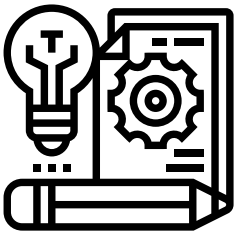


### WHAT WILL I STUDY

You will study Further pure topics such as complex numbers and matrices, differential equations, and in-depth calculus. As well as exploring applied maths in the context of statistics and decision maths to a greater depth.

### HOW WILL I BE TAUGHT

Lessons are taught using a variety of methods, university style lectures to introduce new concepts, presentations and individual or group work. You will be expected to spend at least an equal amount of time outside of timetabled lessons consolidating your learning.



### HOW WILL I BE ASSESSED

There are four external examinations at the end of year 13.

## 03 FUTURE

Students applying to study a degree in a STEM subject should also consider taking Further Mathematics, to at least AS level, alongside A level Mathematics.

# CRIMINOLOGY

## 01 INFORMATION

### QUALIFICATION
Level 3 Applied Diploma

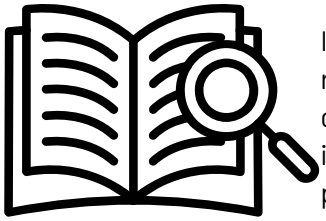
### EXAMINATION BOARD
WJEC

### COURSE LENGTH
2 years

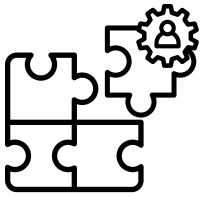
### ENTRY REQUIREMENTS
- Grade 6 in GCSE English
- Grade 4 in GCSE Maths

Criminology is the study of the reasons why individuals commit crimes. By understanding why a person commits a crime, we can develop ways to control crime or rehabilitate the criminal. So, If you ever wondered how much the media influences our perception of crime and how does psychology and sociology explain crime, then this is the course for you!

## 02 DETAILS

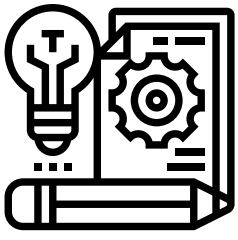


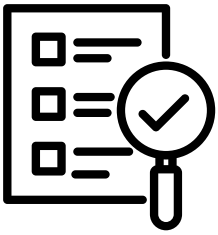
### WHAT WILL I STUDY
In "Changing Awareness of Crime" you will learn about the wide range of crime that occurs in society and the reasons people have for not always reporting crime. You will explore the ways in which the media portrays crime and the effect this might have on our perceptions of crime. You will gain an understanding of the social implications of crime and criminality. In "Crime Scene to Courtroom" you will gain an understanding of the process of criminal investigations. The criminal trial process involves many different people and agencies. Learning about the roles of these will give you a clearer insight into what happens once a crime is detected and the process that leads to either a guilty or nonguilty verdict.



### WHICH SUBJECTS COMPLIMENT CRIMINOLOGY
Psychology, Government and Politics, Law and Sociology.

### HOW WILL I BE TAUGHT
As a vocational qualification, the Level 3 Applied Diploma in Criminology will include: group work – researching evidence, assessing theories and giving presentations, independent work – researching contemporary issues, guest speakers on issues such as the role of the police, departmental visits to give experience of issues covered in lessons, student presentations





### HOW WILL I BE ASSESSED
There are four units to be completed which are all mandatory. Each unit is worth 25% of the overall grade. Students must pass all units to gain this qualification.

## 03 FUTURE

Achieving A Level Chemistry can lead to a wide range of careers or degree courses. You can go on to study biochemistry, biomedical sciences, chemistry, pharmacy and psychology amongst other rewarding subjects at university. Chemistry is also an excellent A Level for entry to non-science careers or degree courses.

# PSYCHOLOGY

## 01 INFORMATION

**QUALIFICATION**
A Level

**EXAMINATION BOARD**
AQA

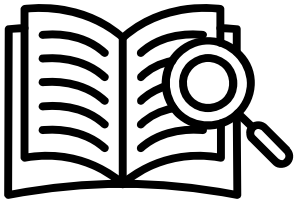
**COURSE LENGTH**
2 years

**ENTRY REQUIREMENTS**
- Grade 6 in English
- Grade 6 in mathematics

Anyone with a curious mind and a desire to learn about human behaviour.

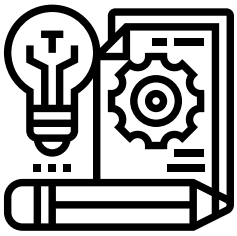
## 02 DETAILS

### WHAT WILL I STUDY



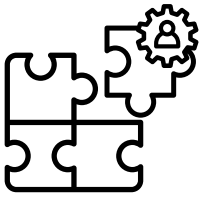
The scientific study of human mind and behaviour. You will touch on many aspects of psychology and answer questions such as: How does our memory work? Do early relationships affect our behaviour for the rest of our lives? Does violent media lead to violent behaviour? What causes phobias? Why are we obedient?
Unit 1: Social influence, Memory, Attachment, Psychopathology
Unit 2: Approaches in psychology, Biopsychology, Research methods
Unit 3: Cognition and development, Stress, Addiction, Issues and debates

### HOW WILL I BE TAUGHT



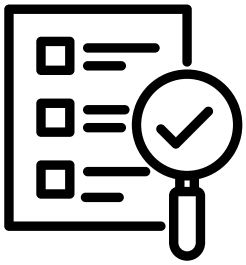
Lessons are taught using a variety of formats such as university style lectures to introduce new topics, presentations and small group work sessions, research tasks and opportunities to prcatice pshychological research methods. Revision and exam prac

### WHICH SUBJECTS COMPLIMENT PSYCHOLOGY



Biology, criminology, English, health and social care, history, mathematics, sociology and sport.

### HOW WILL I BE ASSESSED



TRegular assessment of knowledge and understanding through the two years to track your progress.
Three external written examinations at the end of Year 13.

## 03 FUTURE

A wide range of degree courses at University. Numerous career opportunities including business, educational, clinical, forensic, journalism, laboratory work, occupational and sport psychology, police force and teaching.

# SOCIOLOGY

## 01 INFORMATION

**QUALIFICATION**
A Level

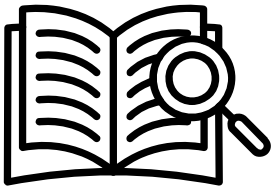
**EXAMINATION BOARD**
AQA

**COURSE LENGTH**
2 years

**ENTRY REQUIREMENTS**
•Grade 6 in English

Sociology is the scientific study of society, patterns of social relationships, social interaction, and culture of everyday life. Students will be given the opportunity to study the concepts and theories of Sociology. They will be encouraged to apply these themselves by conducting interviews and independently researching topics. The course aims to foster a critical awareness of contemporary social processes and change, drawing together the knowledge, understanding, and skills learnt in different aspects of the course.

## 02 DETAILS

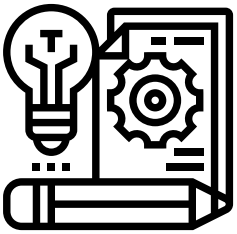


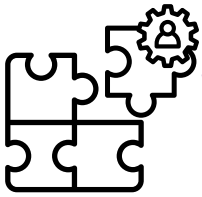
### WHAT WILL I STUDY

- Education : The role of education and differences in educational achievement
- Family: The changes in the family and the impact this has had on childhood and society
- Crime and deviance: Factors that cause an individual to turn to crime and the effectiveness of punishment such as, prisons.
- Beliefs: The purpose of religion and how it has been transformed and challenged. The impact of fundamentalism and secularisation.

### HOW WILL I BE TAUGHT

Through the use of classroom lessons, note taking, interactive activities, discussions, visiting speakers, independent study and research etc.



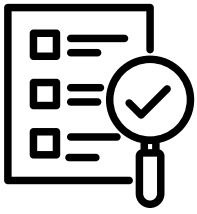


### WHICH SUBJECTS COMPLIMENT SOCIOLOGY

Psychology, History, Criminology and English

### HOW WILL I BE ASSESSED

There will be three external examinations on Education, Family and beliefs in society and crime and deviance with theory and methods.



## 03 FUTURE

Sociology A Level is a useful and relevant preparation for many degree courses at university such as education, criminology, law, sociology, social policy or social work. It can also lead on to many career options such as: Lawyer, prison officer, social worker and teaching.

# ECONOMICS

## 01 INFORMATION

### QUALIFICATION
A Level

### EXAMINATION BOARD
Pearson Edexcel

### COURSE LENGTH
2 years

### ENTRY REQUIREMENTS
6 GCSEs graded 5 and above including English and Mathematics at grade 7 or above.

A-level Economics explores how societies allocate scarce resources to meet unlimited wants. Students examine key concepts such as supply and demand, market structures, government intervention, and global trade. The course develops analytical thinking, data interpretation, and evaluative skills through real-world applications like inflation, unemployment, and fiscal policy. It encourages debate on economic issues and ethical considerations, preparing students for further study or careers in business, finance, and public policy. Economics is both a social science and a practical toolkit for understanding how the world works—ideal for curious minds interested in current affairs and decision-making.

## 02 DETAILS

### WHAT WILL I STUDY

The course is split into two main topics - Microeconomics and Macroeconomics

**Theme 1: Introduction to markets and market failure (Microeconomics)**

Students will develop an understanding of: nature of economics; how markets work; market failure; government intervention

**Theme 2: The UK economy - performance and policies (Macroeconomics)**

Students will develop an understanding of: measures of economic performance; aggregate demand/supply; national income; economic growth; macroeconomic objectives and policy.

**Theme 3: Business behaviour and labour market (Microeconomics)**

Students will develop an understanding of: business growth; business objectives; revenues, costs and profits; market structures, labour market, government intervention

**Theme 4: A global perspective (Macroeconomics)**

Students will develop an understanding of: international economics; poverty and inequality; emerging and developing economies; the financial sector; role of the state in the macro-economy.

### HOW WILL I BE TAUGHT

A mixture of teaching formats – university style lectures, small group discussions, student led presentations, group and practical tasks.

### WHICH SUBJECTS COMPLIMENT ECONOMICS

This A Level complements a range of other subjects including; Mathematics, Geography, History, Politics, Philosophy, Languages, Sociology, Psychology and Law

### HOW WILL I BE ASSESSED

Regular assessment of knowledge and understanding through the two years to track your progress. with external written examinations at the end of Year 12 and 13.

## 03 FUTURE

You could find yourself working for big corporations or banks, but equally your qualification could be valuable support in a career like Marketing, Law, Journalism, Teaching, policy advisor, civil service, financial analyst, actuary, accountant, international development or management consultancy.