

Art



ENTRY REQUIREMENTS:

A grade 6 or above in GCSE Art.

WHY STUDY THIS COURSE?

A-Level Art develops a student's awareness of how to create successful work. You will develop transferrable skills such as creativity, personal expression and problem-solving. You will learn to take risks and experiment with your creative outcomes and gain confidence in articulating your thought processes, idea generation and outcomes.

ENRICHMENT OPPORTUNITIES

Trips to design /advertising agencies; real brand work experience. Access to design professionals. Fully resourced art studio. (Yr 13)

FUTURE PATHWAYS

An A-Level in Art opens many doors for the next step, but vocations directly linked to Art include Fine Artist, Graphic Designer, Printmaker, Illustrator, Community Arts Work, Art Therapist, and Advertising Art Director.

Exam Board: Edexcel

A-Level

COURSE DESCRIPTION

The A-Level in Art is a 2-year course exploring a range of ideas, skills and materials, enabling students to develop their own visual explorations and conclusions. The A-Level engages students in greater depth through continuous personal involvement to develop their own ability to appreciate the visual world and respond in a personal and creative way. Learning in school takes place both under supervision during timetabled lessons and independent study.

Content is split between: Year 12, where students explore and experiment using different art mediums /techniques to enhance and build new art skills in traditional and digital styles.

In Year 13, art skills are further developed and are assessed over two components during this year.

- Component 1 - 60% of the A-Level

Incorporates three major elements: supporting studies, practical work, and a personal study. Supporting studies and practical work will comprise a portfolio of development work and outcomes based on themes and ideas developed from personal starting points. The personal study will be evidenced through critical written communication showing contextual research and understanding.

- Component 2 - 40% of the A-Level

This component allows students opportunities to generate and develop ideas, research primary and contextual sources, record practical and written observations, experiment with media and processes, and refine ideas towards producing personal resolved outcome(s) in response to an externally set theme.



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Biology



Exam Board: AQA

A-Level

ENTRY REQUIREMENTS:

A grade 7 or above in GCSE Biology **OR** grades 7-7 or above in GCSE Combined Science.

A grade 6 or above in GCSE Mathematics.

WHY STUDY THIS COURSE?

The study of Biology gives you an in-depth understanding of the natural world. It also helps you learn how to conduct research; problem solve, organize information and think critically. Biology is a key subject for many STEM careers, particularly in healthcare, medicine and jobs involving plants or animals and research.

ENRICHMENT OPPORTUNITIES

During the course, visits are arranged to museums and other places of biological interest such as Kew Gardens. You are encouraged to attend outside lectures and read from a variety of sources.

FUTURE PATHWAYS

Biology would be needed for further study or careers in the fields of Zoology, Botany, Veterinary work, Physiotherapy, Nursing, Environmental Science, Genetics and Medicine. Other career pathways include research at a university and industry or careers in healthcare and many more.

COURSE DESCRIPTION

The course is based around the topics that students have started learning in GCSE Biology, but in greater depth. Throughout the course you will carry out practical activities based on the theory covered, the skills are then assessed throughout the course as part of the practical endorsement and as part of the written exam.

The course is split up into nine topics:

1. Biological molecules
2. Cells
3. Organisms exchange substances with their environment
4. Genetic information, variation and relationships between organisms
5. Energy transfers in and between organisms (A2)
6. Organisms respond to changes in their internal and external environments (A2)
7. Genetics, populations, evolution and ecosystems (A2)
8. The control of gene expression (A2)

The course is assessed over three written examinations:

- Paper 1 is a 2-hour exam covering topics 1-4 including practical skills, 35% of the A-Level
- Paper 2 is a 2-hour exam covering topics 5-8 including practical skills, 35% of the A-Level
- Paper 3 is a 2-hour exam covering topics 1-8 including practical skills, 30% of the A-Level



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Business



Exam Board: Edexcel

A-Level

ENTRY REQUIREMENTS:

A grade 5 or above in GCSE Mathematics and either GCSE English Language or English Literature.

WHY STUDY THIS COURSE?

This course is for students who want to understand the interrelated nature of business using business models, theories and techniques to support analysis of contemporary business issues and situations. Students will develop the knowledge and skills needed to analyse data, think critically about issues and make informed decisions - skills needed for further study or employment.

ENRICHMENT OPPORTUNITIES

Debating society to help develop critical thinking and persuasive speaking skills, which are valuable for business presentations and interviews.

FUTURE PATHWAYS

Many students move onto university to study a range of subjects such as Business, Management Consultancy, Advertising, Banking, Accountancy and Marketing or alternatively students may choose to move onto an apprenticeship within a linked sector.

COURSE DESCRIPTION

Students will develop thorough knowledge of the key functional areas of Businesses such as Finance, Human Resources, Marketing and Operations and learn the internal and external influences on each of these functional areas. All units will require students to study real businesses in a variety of contexts (e.g. large/small, UK focused/global, service/manufacturing) and consider the competitive environment and the markets in which businesses operate.

Content is split into four main topics:

1. Marketing and people
2. Managing business activities
3. Business decisions and strategy
4. Global business

The course is assessed over three written assessments:

- Paper 1 is a 2-hour exam covering marketing, people and global businesses, 35% of the A-Level
- Paper 2 is a 2-hour exam covering business activities, decisions and strategy, 35% of the A-Level
- Paper 3 is a 2-hour exam covering investigating business in a competitive environment, 30% of the A-Level



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Chemistry



Exam Board: AQA

A-Level

ENTRY REQUIREMENTS:

A grade 7 or above in GCSE Chemistry **OR** grades 7-7 or above in GCSE Combined Science.

A grade 6 or above in GCSE Mathematics.

WHY STUDY THIS COURSE?

This course is incredibly rewarding and requires you to think more deeply into concepts you have already come across at GCSE. The course requires you to push the boundaries of what you already know and conceptualise ideas that previously you may have wondered about, about such as industrial drug manufacture, particle theory and reaction mechanisms.

ENRICHMENT OPPORTUNITIES

A wide range of opportunities including guest speakers and visits to the Royal Society of Chemistry and university departments.

FUTURE PATHWAYS

This course is essential for entry into Medicine, Veterinary, Dentistry and Pharmaceutical courses. An A-Level in Chemistry is also incredibly valuable for a wide range of other science and engineering courses and is widely accepted for entry into most degrees. Future careers could also involve those in research and industry.

COURSE DESCRIPTION

The course is based around the topics studied at GCSE but in greater depth. Throughout the course you will carry out practical activities based on the theory covered, the skills are then assessed throughout the course as part of the practical endorsement and the written exam.

Content is split into three main topics:

1. Physical chemistry
2. Inorganic chemistry
3. Organic chemistry

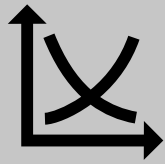
The course is assessed over three written assessments:

- Paper 1 is a 2-hour exam covering physical and inorganic chemistry plus practical skills, 35% of the A-Level
- Paper 2 is a 2-hour exam covering physical and organic chemistry plus practical skills, 35% of the A-Level
- Paper 3 is a 2-hour exam covering all content and practical skills, 30% of the A-Level



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Economics



Exam Board: Edexcel

A-Level

ENTRY REQUIREMENTS:

A grade 6 or above in both GCSE Mathematics and either GCSE English Language or English Literature.

WHY STUDY THIS COURSE?

This course is best suited to students who want to know and understand how economies work; how governments intervene to either correct market failure or implement macroeconomic policies to grow their economies. An A-Level in Economics paves the way for a degree and career in Economics, Politics, Business and Finance.

ENRICHMENT OPPORTUNITIES

Debating society to help on economic issues (e.g., government intervention, free trade, inequality) allowing students to develop strong argumentation and analytical skills.

FUTURE PATHWAYS

Degrees in Economics, PPE, Business Economics, Business, Finance and Information Systems

COURSE DESCRIPTION

Economics is broken down into Microeconomics and Macroeconomics. In Microeconomics, students develop an understanding of the nature of Economics, how markets work, market failure and government intervention. Furthermore, they will study business growth and objectives, revenue, costs and profits, market structures, the labour market and how the government intervenes in the labour market. In Macroeconomics, students will develop an understanding of measures of economic performance, aggregate demand and supply, national income, economic growth and macroeconomic objectives and policies. Additionally, students will study international economics, poverty and inequality, emerging and developing economies the financial sector and the role of the state in the Macroeconomy.

Content is split into four themes:

1. Introduction to Markets and Market Failure
2. The UK Economy - Performance and Policies
3. Business Behaviour and the Labour Market
4. A Global Perspective

The course is assessed over three written assessments:

- Paper 1 is a 2-hour exam covering markets and business behaviour [Themes 1 and 3], 35% of the A-Level
- Paper 2 is a 2-hour exam covering the national and global economy [Themes 2 and 4], 35% of the A-Level
- Paper 3 is a 2-hour exam covering microeconomics and macroeconomics [All 4 Themes], 30% of the A-Level



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English Literature



Exam Board: WJEC

A-Level

ENTRY REQUIREMENTS:

A grade 6 or above in both GCSE English Language and English Literature.

WHY STUDY THIS COURSE?

Do you enjoy reading widely, independently, and critically?

You will explore how texts are constructed and appreciate authorial craft. You will also evaluate social, cultural, and historical conditions of the times the texts were produced. You will need to think 'outside the box', to debate ideas in lessons and to work with others in a fun and intellectually stimulating environment.

These skills are much needed in higher education.

ENRICHMENT OPPORTUNITIES

Theatre trips to watch a performance of the prescribed texts.
Seminars and lectures on the prescribed texts.

FUTURE PATHWAYS

Because of the universal academic application of the skills developed in A Level English Literature, it complements all A-Level subjects as well as leading to exciting careers such as Advertising, Law, Teaching, Publishing, Marketing and many, many more.

COURSE DESCRIPTION

You will read a very wide range of texts; drama, prose and poetry from across centuries of English Literature. Content is split into seven areas:

1. Poetry pre-1900
2. Poetry post-1900
3. Shakespeare
4. Drama
5. Unseen prose
6. Unseen poetry
7. Prose study

The course is assessed over three written assessments plus a coursework component:

- Paper 1 is a 2-hour exam covering pre-1900 and post-1900 poetry, 30% of the A-Level
- Paper 2 is a 2-hour exam covering Shakespeare and Drama, 30% of the A-Level
- Paper 3 is a 2-hour exam covering unseen prose and poetry, 20% of the A-Level
- A 2500-3500 word assignment based on the reading of two prose texts from different periods, 20% of the A-Level



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Further Mathematics

Exam Board: Edexcel

A-Level

ENTRY REQUIREMENTS:

A grade 8 or above in GCSE Mathematics.

WHY STUDY THIS COURSE?

Have you ever wondered why your calculator shows a "maths error" when you try to find the square root of a negative number? Or how engineers use matrices to design skyscrapers? Further maths dives into these intriguing concepts and more, giving you the tools to explore the deeper, fascinating aspects of the subject. It develops advanced problem-solving skills, sharpens your logical thinking. If you are ready for a challenge that truly stretches your potential, Further Maths is for you!

ENRICHMENT OPPORTUNITIES

Maths club, Maths challenges e.g. UKMT and Team Maths competitions. Higher education workshops and lectures. Online resources including us of 'Flip learning'. Visits to industry to see mathematics in real life context and explore careers using mathematics.

FUTURE PATHWAYS

Students interested in studying Maths, Computer Science, Engineering and Physics based subjects will all benefit from studying Further Maths. Careers could include Banking and Finance, Accountancy, Data Science and Investment Analysis.

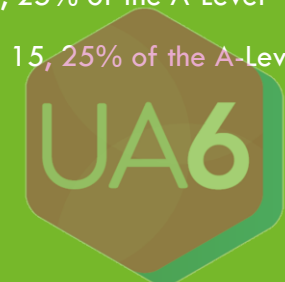
COURSE DESCRIPTION

Content is split into nine topics:

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|----------------------------------|--|
| 1. Proof | 10. Momentum and Impulse |
| 2. Complex Numbers | 11. Work, Energy and Power |
| 3. Matrices | 12. Elastic Strings and Springs and Elastic Energy |
| 4. Further Algebra and Functions | 13. Elastic Collisions in One and Two Dimensions |
| 5. Further Calculus | 14. Algorithms and Graph Theory |
| 6. Further Vectors | 15. Critical Path Theory |
| 7. Polar Coordinates | 16. Linear Programming |
| 8. Hyperbolic Functions | |
| 9. Differential Equations | |

The course is assessed over four written assessments:

- Paper 1 is a 1.5-hour exam on further pure mathematics covering sections 1 - 9, 25% of the A-Level
- Paper 2 is a 1.5-hour exam on further pure mathematics covering sections 1 - 9, 25% of the A-Level
- Paper 3 is a 1.5-hour exam on further mechanics covering sections 10 - 13, 25% of the A-Level
- Paper 4 is a 1.5-hour exam on decision mathematics covering sections 14 - 15, 25% of the A-Level



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Geography



Exam Board: AQA

A-Level

ENTRY REQUIREMENTS:

A grade 6 or above in GCSE Geography.

A grade 6 or above in either GCSE English Language or English Literature.

WHY STUDY THIS COURSE?

Geography is a highly topical subject, ever changing as world events unfold. Universities are extremely interested in Humanities subjects because of the skills that are learnt. It can lead to exciting job opportunities and develop skills in communication and thinking.

ENRICHMENT OPPORTUNITIES

Geography A-level has a wealth of enrichment opportunities. This includes fieldwork trips to Walton-on-the-Naze to study coastal management and processes. We also carry out fieldwork in central London to support understanding of the changing places topic and there are opportunities to attend exciting residential trips including Italy and Iceland.

FUTURE PATHWAYS

Many of our students who study Geography go on to study exciting courses at university such as Advertising, Cartography, Environmental Health, Law, Business, Civil Engineering, and History. Many employers value a Geography A-Level due to the skills mentioned.

COURSE DESCRIPTION

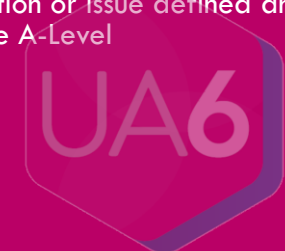
The A-level Geography course is exciting and diverse, encompassing contemporary physical and human geography topics. If you're interested in pressing global issues from climate change to population growth and the threat of natural hazards, then this is the course for you. The qualification will also challenge your understanding of geographical concepts and processes to understand and interpret our changing world as a global citizen. It will allow you to explore ideas of sustainability, urban change and economic development. There are also opportunities to investigate these topics beyond the classroom through coastal and urban fieldwork.

Content is split into six topics:

1. Water and carbon cycles
2. Either Hot desert systems and landscapes or Coastal systems and landscapes or Glacial systems and landscapes
3. Either Hazards or Ecosystems under stress
4. Global systems and global governance
5. Changing places
6. Either Contemporary urban environments or Population and the environment or Resource security

The course is assessed over two written assessments and a coursework component:

- Paper 1 is a 2-hour exam on physical geography covering sections 1 - 3, 40% of the A-Level
- Paper 2 is a 2-hour exam on human geography covering sections 4-6, 40% of the A-Level
- Geography fieldwork investigation: A 3000-4000 word 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., 20% of the A-Level



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History



ENTRY REQUIREMENTS:

A grade 6 or above in GCSE History.

A grade 6 or above in either GCSE English Language or English Literature.

WHY STUDY THIS COURSE?

Studying A Level History will equip you with insights into political beliefs which are central to an understanding of the modern world and the foundations of political knowledge on which to develop skills for citizenship and university study. Skills gained from this course include a range of transferable debating, analytical and communication skills.

ENRICHMENT OPPORTUNITIES

Students have had the opportunity to attend educational visits to sites such as Hampton Court Palace, as well super-curricular trips to the musical SIX and the opportunity to take a leading role in history workshops for KS3.

FUTURE PATHWAYS

The department has an excellent record for high level passes with many of our students going to study History and related fields at University, including Cambridge. As History is a 'facilitating subject', it opens doors to a wide range of university courses.

Exam Board: AQA

A-Level

COURSE DESCRIPTION

The course looks at important historical issues in breadth as well as in depth. It helps students to understand how the world has become what it is and our place in it. It develops students' ability to think critically and reach conclusions based on evidence.

Content is split into two main periods:

1. The Tudors: England 1485-1603
2. The American Dream: reality and illusion, 1945–1980

The course is assessed over two written assessments and a coursework component:

- Paper 1 is a 2.5-hour exam covering The Tudors: England 1485-1603, 40% of the A-Level
- Paper 2 is a 2.5-hour exam covering The American Dream: reality and illusion, 1945–1980, 40% of the A-Level
- Historical investigation: A 3500-4500 word personal study based on a topic of student's choice. This should take the form of a question in the context of approximately 100 years, 20% of the A-Level



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Mathematics



Exam Board: Edexcel

A-Level

ENTRY REQUIREMENTS:

A grade 7 or above in GCSE Mathematics.

WHY STUDY THIS COURSE?

Do you enjoy solving problems and uncovering patterns? Have you ever wondered how statistics helps predict the weather or how mechanics explains the motion of rollercoasters? A-Level Mathematics builds on what you learned at GCSE, taking you deeper into pure maths and onto applied maths; with modules in statistics and mechanics that show you how to analyse data, understand motion, and solve real-world problems.

ENRICHMENT OPPORTUNITIES

Maths club, Maths challenges e.g. UKMT and Team Maths competitions. Higher education workshops and lectures. Online resources including us of 'Flip learning'. Visits to industry to see mathematics in real life context and explore careers using mathematics.

FUTURE PATHWAYS

A-Level Mathematics is widely regarded as valuable if you wish to pursue a degree in a wide range of careers, including Engineering, Medicine, Biological Sciences, Physics, Economics, Business Studies, Architecture, Chemistry and many more.

COURSE DESCRIPTION

Content is split into nineteen topics:

1. Proof
2. Algebra and functions
3. Coordinate geometry in the (x, y) plane
4. Sequences and series
5. Trigonometry
6. Exponentials and logarithms
7. Differentiation
8. Integration
9. Numerical methods
10. Vectors
11. Statistical sampling
12. Data presentation and interpretation
13. Probability
14. Statistical distributions
15. Statistical hypothesis testing
16. Quantities and units in mechanics
17. Kinematics
18. Forces and Newton's laws
19. Moments

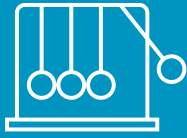
The course is assessed over three written assessments:

- Paper 1 is a 2-hour exam covering sections 1 - 10, 33.3% of the A-Level
- Paper 2 is a 2-hour exam covering sections 1 - 10, 33.3% of the A-Level
- Paper 3 is a 2-hour exam covering sections 11 - 19, 33.3% of the A-Level



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Physics



Exam Board: AQA

A-Level

ENTRY REQUIREMENTS:

A grade 7 or above in GCSE Physics **OR** grades 7-7 or above in GCSE Combined Science.

A grade 7 or above in GCSE Mathematics.

WHY STUDY THIS COURSE?

The goal of physics is to understand how things work from first principles and therefore the world around you. Studying physics helps to develop your critical thinking and problem-solving skills. It allows you to look at the concepts you learnt at GCSE but in greater depth. For example, you will learn how the nucleus of an atom does not fall apart from the repulsion of the positive charges due to protons to the movement of distant galaxies and a variety of concepts in between.

ENRICHMENT OPPORTUNITIES

A wide range of opportunities including, in the last two years, residential trips to CERN in Switzerland and NASA in the USA.

FUTURE PATHWAYS

Degree courses taken by recent physics students include Physics, Mathematics, Mechanical Engineering, Civil Engineering, Architecture, Medicine and Computing.

COURSE DESCRIPTION

The course is based around the topics studied at GCSE but in greater depth. Throughout the course you will carry out practical activities based on the theory covered, the skills are then assessed throughout the course as part of the practical endorsement and the written exam.

Content is split into nine topics:

1. Measurements and their errors
2. Particles and radiation
3. Waves
4. Mechanics and materials
5. Electricity
6. Further mechanics and thermal physics
7. Fields and their consequences
8. Nuclear physics
9. Turning points in physics

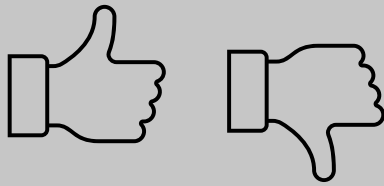
The course is assessed over three written assessments:

- Paper 1 is a 2-hour exam covering sections 1 - 6.1, 34% of the A-Level
- Paper 2 is a 2-hour exam covering sections 6.2 - 8, 34% of the A-Level
- Paper 3 is a 2-hour exam covering section 9 and practical skills, 32% of the A-Level



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Politics



ENTRY REQUIREMENTS:

A grade 6 or above in either GCSE English Language or English Literature.

WHY STUDY THIS COURSE?

Studying A-Level Politics will equip you with insights into political beliefs which are central to an understanding of the modern world and the foundations of political knowledge on which to develop skills for citizenship and university study. Attributes developed from this course include a range of transferable debating, analytical and communication skills.

ENRICHMENT OPPORTUNITIES

Trips to parliament and the supreme court as well as to Wales Senedd (Welsh Assembly). Events with MPs, e.g. the current Health Minister as well as revision seminars with examiners.

FUTURE PATHWAYS

As a bridge between a humanities and social science subject, the opportunities are wide and varied. These include Politics, Diplomatic and Security Services, Journalism, Media, Law and Business. The subject is also a gateway into a number of degree courses, including Politics, Economics, Journalism and Law.

Exam Board: Edexcel

A-Level

COURSE DESCRIPTION

Content is split into three broad topics:

UK Politics

1. Democracy and Participation
2. Political Parties
3. Electoral Systems
4. Voting Behaviour and the Media
5. Conservatism, Liberalism, Socialism

UK Government

6. The Constitution
7. Parliament
8. Prime Minister and Executive
9. Relationships between the Branches
10. Feminism

Comparative Politics - Global

11. Sovereignty and globalisation
12. Global governance: political and economic
13. Global governance: human rights and environmental, power and developments,
14. Regionalism and the European Union,
15. Comparative theories.

The course is assessed over three written assessments:

- Paper 1 is a 2-hour exam on UK politics covering sections 1 - 5, 33.3% of the A-Level
- Paper 2 is a 2-hour exam on UK government covering sections 6 - 10, 33.3% of the A-Level
- Paper 3 is a 2-hour exam on comparative politics covering sections 11 - 16, 33.3% of the A-Level



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Psychology



Exam Board: AQA

A-Level

ENTRY REQUIREMENTS:

A grade 6 or above in both GCSE Mathematics and either GCSE English Language or English Literature.

A grade 5 or above in at least two GCSE Sciences.

WHY STUDY THIS COURSE?

A Level Psychology will give you an understanding of the way people think and why people behave in certain ways. You will learn a variety of skills including analytical thinking, improved communication, problem solving and many more that will prepare you for an exciting future with the possibility of a range of fantastic careers.

ENRICHMENT OPPORTUNITIES

A range of enrichment opportunities including trips, extra curricular resources and super curricular resources tailored to the course.

FUTURE PATHWAYS

A-Level Psychology leads into a number of exciting careers, including Special Education Teacher, Sports Psychologist, Counsellor, Art Therapist, Forensic or Criminal Psychologist, Genetic Counsellor, Clinical or Consumer Psychologist

COURSE DESCRIPTION

Content is split into eleven topics:

1. Social Influence - This topic focuses on the psychological processes behind conformity, obedience and social change
2. Memory – Explore different types of memory, models that attempt to explain how we store and retrieve information, and factors that can make our memories as unreliable.
3. Attachment - Theories of how we form bonds with others, the stages of attachment development, and how these patterns can vary across cultures.
4. Psychopathology - This topic focuses on the different psychological explanations for abnormal and normal behaviour and how the different disciplines treat this behaviour
5. Approaches in Psychology – We lay the foundations and learn about the approaches in Psychology, delving into the origins of Psychology: Wundt, introspection and the emergence of Psychology as a Science as well as focussing on the key approaches; Behaviourism, Cognitive, Psychodynamic, Humanistic and Biological.
6. Biopsychology - This topic explores the division of the human nervous system, the structure and function of neurons and different parts of the brain. In addition, the unit focuses on ways of investigating the brain, localisation of brain function and biological rhythms of human behaviour.
7. Research Methods - We practice how psychologists collect data, and the effects it has on the reliability and validity of the data collected.
8. Issues and Debates in Psychology - We investigate key issues and debates that commonly occur in psychological research
9. Relationships - We explore how relationships form, what keeps them going, and why they sometimes fall apart.
10. Schizophrenia - We discover how schizophrenia is classified and diagnosed, plus research the biological and psychological explanations of the disorder
11. Aggression – We explain aggression using Psychological and biological explanations, and explore the effects of media on levels of aggression

The course is assessed over three written assessments:

- Paper 1 is a 2-hour exam covering topics 1 - 4, 33.3% of the A-Level
- Paper 2 is a 2-hour exam covering topics 5 - 7, 33.3% of the A-Level
- Paper 3 is a 2-hour exam covering topics 8 - 11, 33.3% of the A-Level



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Religious Studies



Exam Board: OCR

A-Level

ENTRY REQUIREMENTS:

A grade 5 or above in GCSE Religious Studies.

A grade 5 or above in either GCSE English Language or English Literature.

WHY STUDY THIS COURSE?

This A-Level is an ideal course to study for those interested in pursuing high level thinking and developing their analytical skills. It requires individuals who are prepared to 'think outside the box', to challenge views and have their own views challenged. It is an Arts and Humanities A-Level, but due to the examination of rationalism and empiricism, it is highly useful for those pursuing careers related to the Sciences.

ENRICHMENT OPPORTUNITIES

Students attend A-level conferences with renowned speakers, participate in the Amnesty Social Justice campaign as well as national charities.

FUTURE PATHWAYS

A-Level Religious Studies is excellent preparation for university study and beyond. The analytical nature of the units develop high-level thinking which is vital for careers in Management, Academic Research or Law, whilst the content and rigorous academic nature of the A-Level is good preparation for any UCAT examinations for university.

COURSE DESCRIPTION

Content is split into three broad topics:

Philosophy of religion

1. Ancient philosophical influences
2. The nature of the soul, mind and body
3. Arguments about the existence or non-existence of God
4. The nature and impact of religious experience
5. The challenge for religious belief of the problem of evil
6. Ideas about the nature of God
7. Issues in religious language.

Religion and ethics

8. Normative ethical theories
9. The application of ethical theory to two contemporary issues of importance
10. Ethical language and thought
11. Debates surrounding the significant idea of conscience
12. Sexual ethics and the influence on ethical thought of developments in religious beliefs.

Developments in religious thought

13. Religious beliefs, values and teachings
14. Sources of religious wisdom and authority
15. Practices which shape and express religious identity, and how these vary within a tradition
16. Significant social and historical developments in theology and religious thought
17. Key themes related to the relationship between religion and society

The course is assessed over three written assessments:

- Paper 1 is a 2-hour exam on philosophy of religion covering sections 1 - 7, 33.3% of the A-Level
- Paper 2 is a 2-hour exam on religion and ethics covering sections 8 – 12, 33.3% of the A-Level
- Paper 3 is a 2-hour exam on development in religious thought covering sections 13 - 17, 33.3% of the A-Level



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Sociology



Exam Board: AQA

A-Level

ENTRY REQUIREMENTS:

A grade 6 or above in either GCSE English Language or English Literature.

WHY STUDY THIS COURSE?

Sociology isn't a subject entrenched in the past. Sociology is a subject that is forever evolving and adapting to suit the society it is trying to study. Therefore, studying sociology will help you not only understand what is going on in society it will also allow you to, explore a range of different sociological perspectives, critique and challenge them, after all sociology is about looking at the world in different ways including your way.

ENRICHMENT OPPORTUNITIES

Regular trips to the theatre for sociologically themed productions. Revision sessions with the Senior Examiner for AQA Sociology.

FUTURE PATHWAYS

Studying the A-Level Sociology course will enable you to go on and study a wide range of degree courses, including Sociology, Criminology, Law and Psychology.

COURSE DESCRIPTION

The A-Level Sociology course aims to develop students'; awareness and critical understanding of society. It's about the way social factors such as families, the education system and beliefs shape our thinking and behaviour.

Content is split into five main topics:

1. Education
2. Crime and Deviance
3. Families and Households
4. Beliefs in Society
5. Theory and Methods

The course is assessed over three written assessments:

- Paper 1 is a 2-hour exam covering education plus theory and methods, 33.3% of the A-Level
- Paper 2 is a 2-hour exam covering families and households plus beliefs in society, 33.3% of the A-Level
- Paper 3 is a 2-hour exam covering crime and deviance plus theory and methods, 33.3% of the A-Level



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Computing



Exam Board: Edexcel

Level 3 BTEC

ENTRY REQUIREMENTS:

A grade 4 or above in Computer Science **OR** a Level 2 Pass or above in Digital IT.

A grade 4 or above in both GCSE Mathematics and either GCSE English Language or English Literature.

WHY STUDY THIS COURSE?

If you are interested in the Digital sector and aiming to progress to higher education as a route to graduate level employment, this course is for you.

ENRICHMENT OPPORTUNITIES

Coding Club: Participation in extracurricular programming clubs to enhance hands-on coding skills.

Competitions: Opportunities to join computing competitions like Bebras or Cyber Discovery.

Industry Talks: Attend guest lectures from tech industry professionals to gain insights into real-world applications and career pathways.

FUTURE PATHWAYS

This qualification is designed to develop a range of transferable, digital and sustainability skills; skills in high demand in the workplace. It also leads to progression to a number of university courses, including Computer Science, Software Engineering and Computer Games and Animation.

COURSE DESCRIPTION

Content is split into four main topics:

1. Programming Fundamentals - Computing concepts and their application through programming and design methodologies
2. Computer Network Security and Encryption - Types and origins of security threats, relevant regulations, methods and tools to detect and prevent threats, and concepts and algorithms of encryption
3. Human-Computer Interaction - User experience (UX) and user interface (UI) design principles and their application in creating interfaces; key principles of HCI design, including meeting diverse needs of users
4. Practical Programming - Principles of computer science related to software development and their application in developing and managing a software solution.

The course is assessed over two written assessments and two coursework components:

- Paper 1 is a 2-hour exam covering programming fundamentals, 30% of the BTEC
- Paper 2 is a 2-hour exam covering computer network security and encryption, 30% of the BTEC
- Internally assessed NEA covering human-computer interaction, 20% of the BTEC
- Internally assessed NEA covering practical programming, 20% of the BTEC



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Health & Social Care

Exam Board: Edexcel

Level 3 BTEC

ENTRY REQUIREMENTS:

A grade 4 or above in at least two GCSE Sciences.

A grade 4 or above in both GCSE Mathematics and either GCSE English Language or English Literature.

WHY STUDY THIS COURSE?

If you are interested in health and social care and aiming to progress to higher education as a route to graduate level employment, this course is for you.

ENRICHMENT OPPORTUNITIES

Visits to hospitals, university departments as well as talks by expert speakers and practicing healthcare professionals.

FUTURE PATHWAYS

This qualification is designed to develop a range of transferable, digital and sustainability skills; skills in high demand in the workplace. It also leads to progression to a number of university courses, including Nursing, Social Work and any subjects allied to health.

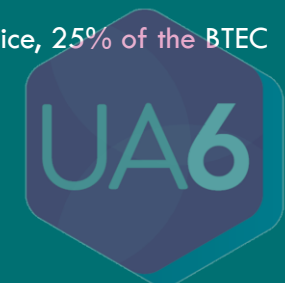
COURSE DESCRIPTION

Content is split into four main topics:

1. Human Lifespan and Development - PIES and factors affecting growth and development, interventions and the different professionals providing care and treatment
2. Human Biology and Health - Human body structure and systems, normal physiological functioning and the impact of common disorders
3. Principles of Health and Social Care Practice - Core principles, values and legislation that underpin and influence health and social care, and the effect of social determinants on an individual health status
4. An option of one of the following:
 - a) Health, Policy and Wellbeing
 - b) Promoting Health Education
 - c) Safe Environments in Health and Social Care
 - d) Health Science

The course is assessed over two written assessments and two coursework components:

- Paper 1 is a 2-hour exam covering human lifespan and development, 25% of the BTEC
- Paper 2 is a 2-hour exam covering human biology and health, 25% of the BTEC
- Internally assessed NEA covering principles of health and social care practice, 25% of the BTEC
- Internally assessed NEA covering the optional topic, 25% of the BTEC



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Medical Science



Exam Board: Edexcel

Level 3 BTEC

ENTRY REQUIREMENTS:

A grade 4 or above in at least two GCSE Sciences.

A grade 4 or above in both GCSE Mathematics and either GCSE English Language or English Literature.

WHY STUDY THIS COURSE?

If you are interested in medical sciences and aiming to progress to higher education as a route to graduate level employment, this course is for you.

ENRICHMENT OPPORTUNITIES

Visits to hospitals, university departments as well as talks by expert speakers and practicing healthcare professionals.

FUTURE PATHWAYS

This qualification is designed to develop a range of transferable, digital and sustainability skills; skills in high demand in the workplace. It also leads to progression to a number of university courses, including Nursing, Psychology and Physiotherapy.

COURSE DESCRIPTION

Content is split into four main topics:

1. Principles of Human Physiology, Anatomy and Pathology - Human body systems, cell ultrastructure, and how substances are transported
2. Health Issues and Scientific Reporting - The immune system, its dysfunction and genetic technologies. The validity and reliability of information used in health science reporting
3. Practical Microbiology and Infectious Diseases - Methods of pathogenicity and infectious agents, growth of microorganisms and health and safety in a laboratory environment
4. Diseases, Disorders, Treatments and Therapies - Principles of physiological diseases and disorders and their associated drug and medicine development

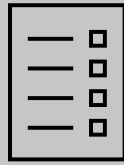
The course is assessed over two written assessments and two coursework components:

- Paper 1 is a 2-hour exam covering principles of human physiology, anatomy and pathology, 25% of the BTEC
- Paper 2 is a 2-hour exam covering health issues and scientific reporting, 30% of the BTEC
- Internally assessed NEA covering practical microbiology and infectious diseases, 25% of the BTEC
- Internally assessed NEA covering diseases, disorders, treatments and therapies, 20% of the BTEC



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Extended Project



Exam Board: Edexcel

Level 3

ENTRY REQUIREMENTS:

Students on the Scholarship Pathway are strongly encouraged to take on the Extended Project Qualification (EPQ).

WHY STUDY THIS COURSE?

The EPQ provides a fantastic opportunity for you to explore further the subjects you love most. It requires you to branch out and research a topic not previously taught at school, in order to hone your creative and organisational skills. The EPQ is also highly regarded by universities. Not only does it help to bridge the gap between school and higher education, but it can help you to reach UCAS point entry requirements. An A* in the EPQ can gain you an extra 70 points.

ENRICHMENT OPPORTUNITIES

Students are provided with the opportunity to join virtual university and exam board-led conferences on the EPQ when available.

FUTURE PATHWAYS

The EPQ is a useful tool for students wishing to proceed to higher education. It helps a candidate stand out from the crowd of thousands of university applications!

COURSE DESCRIPTION

The Extended Project allows students to study a topic area which extends their learning in an area of study of interest to them. Students select a project topic which expands their learning in their field of study, in a related area, or that is relevant to their own personal interests. Learners will be assessed on their ability to plan, manage, complete and review their project

This qualification will enable learners to:

- have significant input to the choice and design of their project
- take responsibility for an individual task or a defined task within a group project
- develop and improve their own learning and performance as critical, reflective and independent learners
- develop and apply decision making and, where appropriate, problem-solving skills
- extend their planning, research, critical thinking, analysis, synthesis, evaluation and presentation skills
- where appropriate, develop as e-confident learners and apply relevant technologies in their studies • develop and apply skills, creatively demonstrating initiative and enterprise
- transfer skills developed as part of their project to other areas of study
- use their learning experiences to support their personal aspirations for further education and/or career development.

The course is usually assessed through a dissertation based upon the following assessment objectives:

- AO1 - identify, plan and manage a dissertation project
- AO2 - undertake research, collect evidence and select information using appropriate methodology
- AO3 - interpret evidence, draw conclusions and write up results into a finished dissertation
- AO4 - present findings, conclusions and an evaluation to an audience



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