



Heathcote Sixth Form

Curriculum Guide

2026

Art, Craft & Design A Level

Course Overview

A-Level Art, Craft and Design is an advanced course that builds on creative skills and conceptual understanding developed in GCSE. It encourages students to explore their artistic potential, experiment with materials, and develop a personal style. This course is ideal for students considering further education or careers in creative industries.

What Will I Learn?

Students engage in a wide range of artistic practices, such as:

- Advanced drawing and painting
- Printmaking, sculpture, and installation art
- Digital media, photography, and mixed media
- Textile and fashion design

A level students' work can be 100% digital, 100% Non digital or a mix of both

How will you learn?

- Developing a stunning portfolio
- Producing sketchbooks showing research, development, experimentation and refinement of any medium of your choice: digital art, painting, drawing, collage, ceramics, printmaking, textiles, sculpture
- Improving knowledge of artists and crafts people through contextual studies
- Working to deadlines
- Afterschool workshops
- Educational visits
- Art history
- Life drawing
- Presentations

Studying Art combines well with:

Product Design (DT),
Differentiates well when placed alongside other subjects. Which allows students to show broad and balanced knowledge and skills.

Who to talk to?

Miss Dale
Head of Art and Design
Mr Rahanu
Art Teacher

Entry Requirements/Structure

- 5 or more GCSEs graded 9-5 (including Maths and English).
- To study Art you will need a minimum of a grade 5 in Art and you will also need to have an Art Portfolio.

Components:

Personal Investigation (60%):

Students undertake an in-depth project on a self-chosen theme, supported by a written essay (1,000–3,000 words) that contextualizes their work.

Externally Set Assignment (40%): A

project set by the exam board, culminating in a 15-hour practical exam to produce a final piece.

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Biology A Level

Course Overview

The Science Department develops pupils who are critical thinkers, problem solvers and innovators. At the conclusion of their school career, our pupils will be able to apply their scientific knowledge to contemporary issues, making connections between scientific disciplines, and their implications for other disciplines. This will empower them to act as informed citizens and help them feel more confident in the decisions they may need to make on their own.

From the study of biomolecules to epigenetics, Biology looks at a wide range of exciting topics.

What Will I Learn?

Year 1

In year 12, there are four areas of study, designed to give you a solid grounding in Biology:

- Biological molecules
- Cells
- Organisms exchange substances with their environment
- Genetic information, variation and relationships between organisms

“In my view, all that is necessary for faith is the belief that by doing our best we shall succeed in our aims: the improvement of mankind.”- Rosalind Franklin

Year 2

In Year 13 you revisit those topics and build on that firm foundation to study a further four academic topics:

- Energy transfers in and between organisms
- Organisms respond to changes in their internal and external environments
- Genetics, populations, evolution and ecosystems
- The control of gene expression

Entry Requirements

- 5 or more GCSEs graded 9-5
- To study Biology at A-level you will need at least a grade 6 Biology or in Combined Science.
- If you are taking Biology with another Science a grade 6 in English is also required.

Biology A Level

How will you be assessed?

AQA Exam Board

Paper 1:

Any content from 1-4 including relevant practical skills. 2 hour written exam. (35%)

Paper 2:

Any content from 5-8 including relevant practical skills. 2 hour written exam. (35%)

Paper 3:

Any content from 1-8, including relevant practical skills.

Question style:

76 marks is a mixture of short and long questions and 25 mark is an extended response.

Career Pathways

Biology A Level can lead to careers in health or clinical areas. These include Medicine, Dentistry, Veterinary Science, Physiotherapy, Pharmacy, Optometry, Nursing, Zoology, Marine Biology, and Forensic Science. It can also lead into a variety of Higher Education courses including Teaching, Nursing, Medicine, Environmental Science, Pure Science, and Applied Sciences.

Destination

Class of 2024

- Parsa- Medicine- Queen Mary University of London
- Darius- Physiotherapy- University of Southampton
- Layla- Veterinary Nursing and Companion Animal Behaviour- University of Bristol

Who to talk to?

Ms Faria

Joint Head of Science

Business A Level

Course Overview

From understanding how businesses are owned, to keeping accounts; marketing through new social media and the of organisations in a global economic world, A level Business has a wide range of exciting topics that relate to the world we live and work in.

In Business Studies, you will be introduced to the challenges involved in starting a business, including financial planning, and the issues you might face. You will also study how to improve an established business through making tactical decisions and influencing the operation.

What Will I Learn?

Key topics across the A Level course

include:

- What is business?
- Managers, leadership and decision making
- Decision making to improve marketing performance
- Decision making to improve operational performance
- Decision making to improve financial performance
- Decision making to improve human resource performance
- Analysing the strategic position of a business
- Choosing strategic direction
- Strategic methods: how to pursue strategies
- Managing strategic change

How will be assessed?

- Three exam Papers
- 2 hour written exam
- Each paper is of equal weight.

“There is no shortage of remarkable ideas, what’s missing is the will to execute them” – Seth Godin

Entry Requirements

- 5 or more GCSEs graded 9-5
- To study Business at A-level you will need at least a grade 5 in English and Maths.

Who to talk to?

Mr Sabri

Department Lead for Business and Economics

Chemistry A Level

Course Overview

The Science Department develops pupils who are critical thinkers, problem solvers and innovators. At the conclusion of their school career, our pupils will be able to apply their scientific knowledge to contemporary issues, making connections between scientific disciplines, and their implications for other disciplines. This will empower them to act as informed citizens and help them feel more confident in the decisions they may need to make on their own.

Whether you want a career in medicine or industry, Chemistry gives a solid platform upon which careers are built.

What Will I Learn?

There are three major areas of study at A Level Chemistry. These are:

- Physical chemistry
- Organic chemistry
- Inorganic chemistry

How will you be assessed?

AQA Exam Board

Paper 1:

Relevant Physical Chemistry topics, Inorganic chemistry and relevant practical. 2 hour written exam. (35%)

Paper 2:

Relevant Physical Chemistry topics, organic chemistry and relevant practical. 2 hour written exam. (35%)

Question style:

105 marks is a mixture of short and long questions.

Paper 3:

Any content and practical skills. 2 hour written exams, 90 marks.

Question style:

40 mark questions on practical techniques and data analysis. 20 marks of questions testing across the specification. 30 marks of multiple choice questions.

How will you learn?

- Textbooks
- Chemistry A-Level specification
- Practicals (including 12 Required Practicals)
- Chemistry websites
- Chemistry Olympiads
- Chemistry lecturers/ Webinars
- Independent learning
- Chemistry workshops

“Chemistry begins in the stars. The stars are the source of the chemical elements, which are the building blocks of matter and the core of our subject.”

Entry Requirements

- 5 or more GCSEs graded 9-5
- To study Chemistry at A-level you will need at least a grade 6 Chemistry or in Combined Science.
- If you are taking Chemistry with another Science a grade 6 in Maths is also required.

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Chemistry A Level

Career Pathways

Chemistry A Level leads to careers in health or clinical professions or in industry. These include medicine, nursing, biochemistry, dentistry or forensic science and the petrochemical or pharmaceutical industries. Chemistry A Level can also lead to Higher Education courses such as teaching, nursing, medicine, environmental science, pure science, applied sciences and physiotherapy.

Extracurricular Opportunities

- Chemistry Olympiad (Royal Society of Chemistry)
- University talks
- Career talks
- Webinars by practicing scientists
- Workshops and trips

Destination

Class of 2024

- Parsa- Medicine- Queen Mary University of London
- Muheenah- Biomedical Science - De Montfort University
- Mohammad- Medical Imaging (Diagnostic Radiography)- University of Exeter

Who to talk to?

Dr Tsui

Joint Head of Science



Community Languages

A Level

Course Overview

Community A Level Languages are **fully recognised qualifications**, valued by **universities, colleges, and employers**. They support UCAS applications, enhance career prospects, and allow students to gain a qualification that reflects their cultural identity and bilingual strengths.

Why take a community Language Qualification?

- Gain formal qualifications using existing skills
- Gain additional UCAS points for university, enhance CVs, and support varied career paths in translation, journalism, diplomacy, tourism, global business and healthcare
- Have Increased prospects for employment in global market
- Maintain cultural heritage and identity, fostering community cohesion and personal empowerment
- Enjoy deeper appreciation of language and culture

How will you learn?

You will be required to carry out independent study and will have support with exam specifications and practice materials.

You will complete independent research on a prescribed topic of your choice and study a book and film from a prescribed list of materials as outlined in the exam specification. For some languages you will be able to get support and advice from a member of staff and where available, booster lessons.

How will these qualifications be taken?

You have the opportunity to take the qualification at the end of Year 12 testing skills in listening, reading and writing and showing your response to literary texts and films studied and ability to translate to and from the target language.

“One language sets you in a
corridor for life.

Two languages open every door
along the way.”

Frank Smith

Entry Requirements

- GCSE Grade 5 or more in Community Language

Who to talk to?

Ms Bahra

EAL Co-Ordinator

Languages available

A-Level

	AQA	Edexcel
Arabic		✓
Bengali	✓	
Chinese		✓
French	✓	✓
German	✓	✓
Greek (modern)		✓
Gujarati		✓
Hebrew (Biblical)	✓	
Hebrew (modern)	✓	
Italian		✓
Japanese		✓
Panjabi	✓	
Persian		✓
Polish	✓	
Portuguese		✓
Russian		✓
Spanish	✓	✓
Turkish		✓
Urdu		✓

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Computer Science A Level

Course Overview

Computer Science is a challenging and fast-paced subject which considers the way that technology transforms our lives in an increasingly digital world. It has computational thinking at its core, which encourages us to take a complex problem and develop possible solutions using decomposition, abstraction, logical thinking, and algorithms.

What Will I Learn?

Computer Science at Heathcote School will enable every student to a broad technical knowledge with the ability to write their own programs and software in the Python and Visual Basic Programming Languages – some of the most popular languages used in industry today.

How will you learn?

You will learn to become a strong programmer using different programming paradigms. As part of this you will explore many of the standard algorithms used in searching, sorting and pathfinding and will be able to select the most appropriate to use, based on its efficiency and suitability for the problem at hand.

A diverse range of theoretical topics are covered, including how computers use logic, number systems, networks, databases and more.

The A Level qualification consists of two examined units and one coursework unit.

- Unit 1: Computer Systems (40%).
- Unit 2: Algorithms and Programming (40%).
- Unit 3: Programming Project (20%)

Studying Computer Science combines well with: Maths, Physics and Business.

Who to talk to?

Mr Henry
Department Lead
Computer Science and IT

Entry Requirements

- 5 or more GCSEs graded 9-5 (including English).
- Grade 6 in Maths

Career Pathways

Russell Group universities list Computer Science as a useful A Level for many degree courses including biology, chemistry, economics, engineering, geology, mathematics, materials science, medicine, physics, psychology, and sociology.

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DT: Product Design A Level

Course Overview

Our aim is to support pupils to become innovative designers who can respond to a variety of briefs that meet the needs of different target client groups. Pupils develop design communication techniques, computer aided design skills and are provided with an opportunity to realise their ideas in the form of a working prototype.

Product Design is an A-level subject that combines the disciplines of Resistant Materials and Graphics in the pursuit of creating elegant design solutions to established problems. By studying this course you will gain skills in problem solving using technical solutions, develop your understanding of how products are manufactured and enhance your literacy and numeracy skills through specific planning and analysis of your design proposals.

What Will I Learn?

Throughout the course you will complete five projects providing you with a wide and varied selection of skills and an impressive portfolio to apply for universities. These projects include; a Promotional Key Item, an Ergonomic Craft Knife, a Dual Function Lighting Product, Design Inspired by Seating Facility and a Designer Mirror inspired by a 'Quintessential London' theme.

The products should provide a sustainable solution that makes effective use of materials by considering aspects of manufacturing such as material sourcing, product construction and the application of an aesthetically appealing and durable finish.

How will you be assessed?

You will create a portfolio approximately 40-page A3 document to show your journey through the design of your product in full.

You will also be required to produce a large range of computer-aided presentations using a variety of CAD/CAM software packages.

Two exam papers:

1. Technical Principles (2.5 hours)
2. Designing and Making Principles (1.5 hours)

Question style: series of multiple-choice, long and short-answer questions testing student knowledge on aspects of Product Design such as material properties, manufacturing processes as well as requiring you to analyse the design effectiveness of existing products.

Entry Requirements

- 5 or more GCSEs graded 9-5
- To study Product Design, you will need at least a grade 5 in English Language and a grade 6 in Design Technology or Graphics GCSE.

"We have to change our culture so you can create wealth from making things and don't just try to make money out of money".

James Dyson

DT: Product Design A Level

Career Pathways

Pupils will gain a real understanding of what it means to be a designer, alongside the knowledge and skills sought by higher education and employers.

You will be open to taking design risks, showing innovation and enterprise whilst considering their role as responsible designers and citizens and develop intellectual curiosity about the design and manufacture of products and systems, and their impact on daily life and the wider world. You will work collaboratively to develop and refine their ideas, responding to feedback from users, peers and expert practitioners.

You will gain an insight into the creative, engineering and/or manufacturing industries and develop the capacity to think creatively, innovatively and critically through focused research and the exploration of design opportunities arising from the needs, wants and values of users and clients.

Destination

Pupil Alumni

- Stephanie - Product Design, Loughborough
- Melih - Global Engineering, TEDI London
- Suleiman - Quantity Surveying, Greenwich
- Nilsu - Construction Management, Greenwich
- Lauren- Architecture and Enviro Design, Westminster

Who to talk to?

Mr Dolan

Head of Design Technology

Please note: You **cannot** study Architecture Design and Product Design together.

“There is beauty when something works and it works intuitively”.

Jonathan Ive

Economics A Level

Course Overview

Economics aims to inspire and challenge pupils to fulfil their potential and provide a passion for lifelong learning in the world of Economics. The A-Level Economics course requires students to develop an understanding of economic concepts and theories through a critical consideration of current issues, problems and instructions that affect everyday life; to analyse, explain and evaluate the strengths and weaknesses of the market economy and the role of government within it; and to develop a critical approach to economic models and methods of enquiry.

What Will I Learn?

Year 1

Unit 1: 'Markets and Market Failure' you will study the economic problem and how resources are allocated in competitive markets, analysing what happens when markets fail and how governments intervene within a failing market.

Unit 2: 'The National Economy' you will study topics such as measuring macroeconomic performance, how a macro economy works, how to judge economic performance and how that influences macroeconomic policy. Throughout this year you will develop your analytical, persuasive and evaluative writing skills.

Year 2

Business Economics and Distribution of Income', you will learn how firms set objectives, costs and revenues; looking at competitive markets and marketing strategies. You then move onto concentrated markets and the labour market, and finally how governments can intervene in these more complex markets. In 'The National and International Economy' you will develop your macroeconomic knowledge from year 12 to include macroeconomic indicators, how we manage the national economy and then place it in context of the international economies.

Studying Economics combines well with:

Politics, History, English Literature and or Business.

Differentiates well when placed alongside STEM subjects. Which allows students to show broad and balanced knowledge and skills.

Entry Requirements

- 5 or more GCSEs graded 9-5 including English.
- To study Economics at A-level you will need at least a grade 6 in Maths.
- A high 5 may be considered

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**Our results: 67% of pupils
achieved A*-B in 2023-4**



Economics A Level

How will you be assessed?

AQA Exam Board

Paper 1 Markets and market failure

Paper 2 National and international economy

Paper 3: Economic principles and issues

2 hour written examination worth each paper worth 33.3% of overall grade.

Question style:

80 marks- combination of short and long essay questions.

Career Pathways

Economics is a versatile subject leading to a number of careers. You could find yourself working for big corporations, banks or the government. Your qualification in economics could also set you up for a career in marketing, law, journalism or teaching.

Destination

Class of 2021

- Daniela : Economics with Accounting– City University of London
- Jack: Accounting and Management - Queen Mary University of London

Who to talk to?

Mr Sabri

Head of Economics

English Language A Level

Course Overview

In the English department we inspire and support all pupils to develop their skills in speaking and listening, reading and writing in order to become confident, articulate, reflective and imaginative young citizens.

The English Language course encourages students to develop their interest and appreciation of English through learning about its structures and its functions, its developments and its variations. This course is suitable for students who are interested in the construction and use of the English language in ways that overlap, but are not limited to, the study of literature and the literary imagination.

What Will I Learn?

This course trains students in the methods of analysis appropriate to the fields of English language and linguistics. Encompassing the fields of sociolinguistics and discourse analysis, this course offers a common core of analytical methods, topics and skills used in approaching a study of English Language today. Topics include language and social context, language and diversity as well as investigations into the changes in language in terms of regional, ethnic, national and global 'Englishes'. These units will conclude with exams at the end of the second year. In addition, two pieces of coursework will make up the final part of this course: a 2,000 word language investigation and a 1,500 word piece of original writing and commentary.

How will you learn?

- Discussion and debate
- Close reading of texts
- Independent research and reading
- Presentations
- Small group work and tasks
- Educational visits

Entry Requirements

- 5 or more GCSEs graded 9-5
To study at A Level you will need to have achieved at least a grade 6 in GCSE English Language.
- A high 5 may be considered

Studying English Language combines well with:

History, Politics, Art, Psychology and Drama.
An alternative way of thinking (and a way to develop writing skills) for Scientists and Mathematicians

“A reader lives a thousand lives before he dies...the man who never reads lives only one” -George R R Martin

English Language A Level

Career Pathways

Undertaking an A Level in English Language could lead you to:

- Working in journalism and publishing
- Law
- Education and training
- Counselling and social services
- Marketing sales and advertising
- Management.

Destination

Class of 2023

- Sienna: Creative Writing and Journalism – Middlesex University
- Aisha: Biochemistry - Kingston University

Who to talk to?

Ms Bashal

Assistant Headteacher

Ms Gite

Assistant Headteacher



English Literature A Level

Course Overview

In the English department we inspire and support all pupils to develop their skills in speaking and listening, reading and writing in order to become confident, articulate, reflective and imaginative young citizens.

The English Literature A-Level is a two-year course that appeals to students who love literature and want to read and explore texts in a more detailed way. The redesigned A-level Literature course will begin with an exploration of genre. Students will study the conventions of either tragedy or comedy, beginning with Marlowe and further dramatic and fictional texts.

What Will I Learn?

The written exam for this unit will take place at the end of the second year of study. The following unit explores an additional genre: science or society. This unit will also be assessed at the end of the second year and comprise the detailed study of three texts including prose and poetry. Finally, students will also have an element of independent coursework that will require them to study two prose texts. Students will be expected to use critical, theoretical and philosophical approaches to reading and produce one comparative essay of 2500-3000 words, referring to two texts.

How will you learn? Through:

- Discussion and debate
- Close reading of texts
- Independent research and reading
- Presentations
- Small group work and tasks
- Educational visits

Entry Requirements

- 5 or more GCSEs graded 9-5
To study at A Level you will need to have achieved at least a grade 6 in GCSE English Literature.
- A high 5 may be considered

Studying English Literature combines well with:

History, Politics, Languages, Art, Psychology.
An alternative way of thinking (and a way to develop writing skills) for Scientists and Mathematicians

“A reader lives a thousand lives before he dies...the man who never reads lives only one” -George R R Martin

English Literature A Level

Career Pathways

Taking A level English Literature could lead you to careers such as

- Teacher of English to children of all stages
- Working for publishers
- Writing bestselling novels
- Supporting a local MP's campaign and becoming chief press officer for a key government department
- Writing podcasts

Destination

Class of 2023

- Brehyr: Asian and Middle Eastern studies – University of Cambridge
- Kai: Management - University of Manchester

Who to talk to?

Ms Reid

Lead teacher of KS3 English

Ms Singh

Lead teacher of KS5 English



EPQ A Level(Half)

Course Overview

EPQ is an fun, challenging and exciting standalone qualification designed to extend and develop your abilities beyond the A-level syllabus and prepare you for university or a future career. it can be taken as an extension of other qualifications and worth half an A-level. The EPQ will allow you to lead your own project. and you will get to plan and carry out research on a topic that you have chosen and isn't covered by your other qualifications. You will then use your research to produce a written report and, in the case of practical projects, an artefact or a production.

What Will I Learn?

By taking responsibility for the choice, design and decision making of an individual project (or an individual role in a group project) you will:

- become more critical, reflective and an independent learner
- develop and apply decision-making and problem-solving skills
- increase your planning, research, analysis, synthesis, evaluation and presentation skills
- learn to apply technologies confidently
- demonstrate creativity, initiative and enterprise.

What do universities think?

EPQ gives students a taste of what university life is like whilst they are still in the Sixth Form.an excellent preparation for life beyond the Sixth Form.

“The University of Southampton was the first to introduce an alternative offer scheme for applicants who excel in the EPQ... This additional offer reflects our confidence in the EPQ as an excellent preparation for the kinds of independent study necessary for students to succeed at a research intensive university such as Southampton.”- The University of Southampton

“We welcome the Extended Project and would encourage applicants to undertake one as it will help to develop independent study and research skills valuable for higher education”- Cambridge

Entry Requirements

- 5 or more GCSEs graded 9-5
- To undertake the EPQ you need at least a grade 6 in English

Who to talk to?

Ms Ayub

DEPT lead of Psychology,
Sociology and EPQ

Mr Shevelew

Teacher of Psychology and
EPQ

Further Mathematics

A Level

Course Overview

Further mathematics provides a chance for you to meet brand new mathematical concepts beyond the scope of the normal A-Level syllabus. It is both challenging and extremely interesting and serves as a perfect starting point for all those interested in pursuing Mathematics beyond Key Stage 5.

What Will I Learn?

Content at A Level Further Mathematics at Heathcote consists of four externally-examined papers. Students must take Paper 1 and Paper 2, the two mandatory Core Pure papers, and two optional papers.

A-level Further Mathematics builds on A-level Maths and goes deeper into theory, problem-solving, and new areas of mathematics, You will learn to think logically and abstractly, solve unfamiliar problems and handle complex algebra confidently.

The Topics you will learn are:

- **Proof** of different types.
- **Complex numbers** which are very useful if you go into Physics and engineering,
- **Calculus** at a further level, with hyperbolic functions, integration and differentiation. Also differential equations and calculus in real life.
- **Further Algebra** and Polynomials,
- **Sequences and Series** are also a major topic.

In the applied option you have the choice of studying further Statistics and Mechanics. Both of these are great for Physics and engineering students as well as Economics.

- **Further Mechanics** - Motion in 2D, Work, energy, and power, Advanced Forces Great for **physics or engineering** students.
- **Further Statistics** -Probability distributions (e.g. Poisson, exponential), Hypothesis testing in more depth, Statistical modelling

Studying Further Mathematics combines well with:

Maths, Economics, Data Science, Physics, Chemistry, Psychology and Business.

Entry Requirements

- 5 or more GCSEs graded 9-5 including grade 5 in English.
- Grade 7 in Mathematics GCSE (this is the minimum grade- as high a grade as possible is desired)
- A Level Mathematics must be taken as well.



Further Mathematics

A Level

How will you be assessed?

The Pearson Edexcel Level 3 Advanced GCE in Further Mathematics consists of four externally-examined papers.

Career Pathways

Possible careers can include- Accountancy, Engineering, Education, Aviation, Analyst, Astronomer and many more

Who to talk to?

Ms Mistry

Head of Mathematics

Mrs. Nawaz-Khan

Lead Teacher For KS 5 Mathematics

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Geography A Level

Course Overview

Geography is in essence a passport to life. Geography provides 'Powerful Knowledge' while inspiring pupils to become successful global citizens by exploring their own place in the world, their values and responsibilities to other people, to the environment and to the sustainability of the planet.

The two year Edexcel Geography A-Level course is divided into four parts; three part exam papers and one part Non Examined Assessment (independent investigation).

What Will I Learn?

Exam Paper 1 – Dynamic Landscapes. This unit has a focus on the physical processes going on around the world and the implications of these changing on human kind. Overall topics include: tectonic processes and hazards, coastal landscapes and change, the water cycle and insecurity and the carbon cycle and insecurity.

Exam Paper 2 – Dynamic Places. This unit focuses on how human geography is changing the world we live and how the issues presented can be managed. Overall topics include: globalisation, regenerating places, superpowers and migration, identity and sovereignty.

Paper 3 – Synoptic exam paper: In this final paper also sat at the end of the A Level course, students will be provided with a resource booklet on a theme relating to one of the other topics they have studied in the course. They have 2 hours and 15 minutes to read the booklet and answer a set of exam questions relating to compulsory elements of the course as well as: Players, Attitudes and actions and Futures and uncertainties

Paper 4 – Non Examined Assessment (independent study): Students must design and undertake an independent study relating to one of the compulsory elements of the course they have studied previously. They will collect primary data on a field trip in London and combine it with further secondary research in order to create a 3000-4000 word report on their study. This will be graded internally and marks sent off to the exam board prior to students undertaking their exams. This element of the course accounts for 20% of students overall A Level grade. This unit includes four days of mandatory field trips in order to undertake independent fieldwork.

Studying Geography combines well with: English Literature, Maths and Further Maths, Science, Biology, Chemistry, History, Politics, Business, Economics, Sociology, and Psychology.

Entry Requirements

- 5 or more GCSEs graded 9-5. To study at A Level you will need to have achieved at least a grade 6 in GCSE Geography, English and Maths.
- A high 5 may be considered.

The study of geography is about more than just memorizing places on a map. It's about understanding the complexity of our world, appreciating the diversity of cultures that exists across continents. And in the end, it's about using all that knowledge to help bridge divides and bring people together. -Barack Obama

Geography A Level

Career Pathways

Potential careers include conservation work, environmental health, architecture, law, urban planning, pollution analyst, environmental consultancy, law, politics, accountancy, banking, travel and tourism. Many geographers also study economics and business. Geography has one of the highest employment rates of all graduate degrees. Geography is also a facilitator subject- this means you can use it as an entry requirement in university.

Why do pupils pick geography?

“Geography has helped me broaden my knowledge on human and physical challenges the world faces and develop critical thinking surrounding global issues.” K- Year 13

“I chose geography to broaden my ideas of regeneration and urbanisation to influence my future in construction project management.” M- Year 13

“Geography helps my understanding of different cultures and how countries influence each other through globalisation.” G-Year 13

“I have always had empathy for developing countries that have poor healthcare systems and wanted to learn more.” A- Year 13

“Geography allows you to explore lots of areas to learn all kinds of interesting and unique information that is very flexible in any future careers you may aspire to pursue.” K- Year 13

“Geography coursework allowed me to develop my research skills and explore the link between health and exercise which is needed for sports science.” L- Year 13

“Geography is a unique subject because it looks at how the physical world affects our social structure.” K- Year 13

Who to talk to?

Ms. O'Neill- Leader of Geography

Ms. Sajid- Geography Teacher

History A Level

Course Overview

Everything happening around us today has been influenced by and is a result of what has happened in the past. Studying history **helps us understand how events in the past made things the way they are today**. With lessons from the past, history inspires us to not only learn about ourselves and how we came to be, but also develop the ability to avoid mistakes and create better paths for our societies and ourselves in leading better and more cohesive lives.

The two year Edexcel History A Level course is divided into four parts: three part exam papers and one part independent coursework

What Will I Learn?

Paper 1: Breadth study with interpretations

Russia 1917–91: from Lenin to Yeltsin.

2 hour 15 minute written examination worth 30% of overall grade..

Students will learn about the key political, social and economic features of communist rule in Russia during the twentieth century, an era that saw its authority and influence rise to the status of a superpower, only to diminish and decline later in the century. The focus of study is on developments and changes over a broad timescale, and so the content is presented as themes spanning a significant duration: 1917–85.

Paper 2: Depth study

Mao's China, 1945–76

1 hour 30 minute written examination worth 20% of overall grade.

This is an in depth of the transformation of communist China in the years 1949–76. The aftershocks of these changes are still being felt today as China emerges as a great economic and political power on the world stage. Students will gain an in-depth understanding of the nature and extent of change in this period, the effects of Mao Zedong's policies on the lives of the Chinese people, and Mao's role in driving dramatic political, social and economic changes

Paper 3: Themes in breadth with aspects in depth

Britain: losing and gaining an empire, 1763-1914

2 hour 15 minutes written examination worth 30% of overall grades.

The topics explore the development of the British empire and the part played in this by the Royal Navy and merchant marine. Looking at social, economic and political issues, students will study a series of developments that started with an imperial catastrophe which threatened to reduce Britain once more to a European offshore island, but would then transform Britain's standing in the world so that by the end of the period it had the largest empire the world has known.

Coursework: Students complete an independently researched enquiry on historical interpretations, e.g. the origins of WW1 or origins of the Cold War.

Assessment 3000-4000 word essay

“A people without the knowledge of their past history, origin and culture is like a tree without roots”

Marcus Garvey

Entry Requirements

- 5 or more GCSEs graded 9-5
- To study History at A-level you will need at least a grade 6 in History.

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History A Level

Studying History combines well with:

English Literature, English Language, Law, Politics, Sociology, and Psychology, Banking and Commerce, Business, Finance

Who to talk to?

How will you learn?

Through:

- Discussion and debate
- Close reading of texts
- Independent research and reading
- Small group work and tasks
- Collaborative learning and exam preparation
- Educational visits

Ms Mohammad

Head of History and Politics

Ms Monteith

History and Politics Teacher

Ms Saddique

History Teacher

Class of 2024

- Diana Epure- A History
- International Relations at Kings College London

- Akeetha
- Law at SOAS

Career Pathways

Potential career paths include:

- Banking
- Law
- Publishing
- Finance
- Teaching
- Museum Curator
- Archivist
- HR
- Management

History is also a facilitator subject- this means you can use it as an entry requirement in university for course such as Law

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Mathematics A Level

Course Overview

Mathematics builds on the work you have covered at GCSE and will extend you significantly in terms of higher order thinking. It is a highly sought after course which is very popular here at Heathcote School. Mathematics is a vital subject within its own right and supports many other A level courses. It is a prerequisite for a number of University Degrees. Mathematics is a facilitating subject and requires a high level of commitment, organisation thinking skills and work outside of the lesson. The Mathematics department will provide you with the support and guidance you require to be successful in this subject.

What Will I Learn?

Content at A Level Mathematics at Heathcote is grouped into two sections:

Pure Mathematics- Algebra, Trigonometry and Calculus

You will build on the algebra and trigonometry that you encountered at GCSE with an extension to a number of the ideas and concepts you already know. You will need to be able to solve problems and apply your knowledge to new situations. Calculus will be new to you unless you have studied Further Mathematics at GCSE, this involves rates of change and the areas under graphs.

Applied Mathematics- Statistics and Mechanics

Statistics

- Through studying statistics you will learn how to analyse and summarise numerical data in order to arrive at conclusions about it. You will extend the range of probability problems that you studied for GCSE by using the new mathematical techniques studied in the core mathematics units of the course. (This compliments Geography, Economics, Psychology, Sociology and Business Studies)

Mechanics

- Through studying mechanics you will learn how to describe the motion of objects and how they respond to forces acting upon them. You will learn the techniques of mathematical modelling which fundamentally turns a complicated physical problem into a simpler one. (Compliments Physics and Engineering courses)

Studying Mathematics combines well with:

Further Maths, Economics, Physics, Chemistry and or Business.

Entry Requirements

- 5 or more GCSEs graded 9-5 including grade 5 in English.
- Grade 7 in Mathematics GCSE (this is the minimum grade- as high a grade as possible is desired)

Mathematics A Level

How will you be assessed?

The Pearson Edexcel Level 3 Advanced GCE in Mathematics consists of three externally-examined papers.

Career Pathways

Possible careers can include- Accountancy, Engineering, Education, Aviation, Analyst, Astronomer and many more

Who to talk to?

Ms Mistry

Head of Mathematics

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CHALLENGE
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PE A Level

Course Overview

A level specification builds on and develops students experience and understanding of performance in sport. For those who have studied GCSE at Key Stage 4 the A Level syllabus provides a challenging continuation involving both theoretical and practical application of knowledge through sport and exercise.

What Will I Learn?

Physical factors affecting performance (01)

Written examination: 2 hours

30% of the qualification

Topic 1: Applied anatomy and physiology

Topic 2: Exercise physiology

Topic 3: Biomechanics

Psychological issues affecting performance (02)

Written examination 1 hour

20% of the qualification

Topic 1: Skill acquisition

Topic 2: Sports psychology.

*An active mind cannot exist
in an inactive body.*

Socio-cultural issues in physical activity and sport (03)

Written examination 1 hour

20% of the qualification

Topic 1: Sport and society

Topic 2: Contemporary issues in physical activity and sport.

Performance in physical issues (04)

Non-examined assessment: internally assessed, externally moderated

30% of the qualification

Skills performed in one physical activity as a player/performer or a coach

EAPI (Evaluation and Analysis of Performance for Improvement)

Entry Requirements

- 5 or more GCSEs graded 9-5 including English and Maths
- For PE at A Level you will need to have a GCSE at grade 6 or higher in Physical Education and at least a grade 6 in Double Science or Biology.

Career Pathways

This qualification is ideal for those students wishing to pursue a professional career in the sports industry or wishing to gain greater insight into exercise and human performance. It would be the ideal course to lead into a respected higher education sporting establishment to continue to study at foundation or undergraduate degree level.

Depending on the combination of A level subjects, students may go on to study degrees in physical education, sports science, physiotherapy, sports development, sports nutrition, sports coaching or strength and conditioning.

Who to talk to?

Mr French

Head of PE

Destinations

Amy

University of Worcester

Physiotherapy

Louis,

University of Surrey

Sport and Exercise Science

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Physics A Level

Course Overview

The Science Department develops pupils who are critical thinkers, problem solvers and innovators. At the conclusion of their school career, our pupils will be able to apply their scientific knowledge to contemporary issues, making connections between scientific disciplines, and their implications for other disciplines. This will empower them to act as informed citizens and help them feel more confident in the decisions they may need to make on their own.

Whether you want a career in engineering or product development, Physics gives a solid platform upon which careers are built.

What Will I Learn?

Topics that you study include: measurements and their errors, particles and radiation, waves, mechanics and materials, electricity, further mechanics and thermal physics, fields and their consequences and nuclear physics. In the second year of the A Level, the optional topic offered is Astrophysics.

How will you be assessed?

AQA Exam Board

Paper 1:

2 hour written exam (34%)

Paper 2:

2 hour written exam (34%)

Paper 3:

2 hour written exam (32%)

Question style:

Short and long answer questions including multiple choice.

How will you learn?

- Textbooks
- Physics A-Level specification
- Practicals
- Physics websites
- Physics lecturers/ webinars
- Independent learning
- Poster and oral presentations

“Physics is simple, but subtle.
- Paul Ehrenfest”

Entry Requirements

- 5 or more GCSEs graded 9-5
- To study Physics at A-level you will need at least a grade 6 in Physics or a 6-6 in Combined Science and a grade 6 in Maths.

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Physics A Level

Career Pathways

Physics A Level leads to a wide range of careers, for example in journalism, law, banking, finance, medicine, engineering, computer science or astronomy. It forms the basis of many sciences and can lead to Higher Education courses in architecture, bio-physics, chemistry, geology, medicine, optics and others. It is also valued in business, economics and law.

Extracurricular Opportunities

- University talks
- Career talks
- Webinars by practicing scientists
- Workshops and trips

Destination

Class of 2024

- Nithurshan- Aerospace Engineering with Industrial Experience- Queen Mary University of London
- Samantha- Architecture- Loughborough University
- Abubakar- Mechanical and Design Engineering- City, University of London

Who to talk to?

**Dr Barard and
Mr Karim**

Physics Teachers

Politics A Level

Course Overview

You should have a passion for current affairs and an interest in power, politics and current debates. Politicians make decisions that affect every day of our lives; what time we get up, how we are educated, where we can live, when we can get married, when we can vote. So it is important to know the political processes that exist to make the laws that impact on our daily lives. We should also be interested in the political relationship that Britain has with the USA and how political views are formed. Why do some people support the Conservative Party, while others support the Labour Party, Liberal Democrats, Green Party or one of the many other political parties? The Politics A level course will aim to give you an understanding of the political environment of our society today.

What Will I Learn?

Year 1

Component 1:

UK Politics and Core Political Ideas

Political Participation, pupils will study:

- Democracy and participation, political parties, electoral systems, voting behaviour and the media.

Core Political Ideas, pupils will study:

- Conservatism, liberalism, socialism.

Component 2:

UK Government, pupils will study:

- The Constitution, Parliament, Prime Minister and Executive, relationships between the three branches.

Non-Core Political Ideas, students will study:

Multiculturalism

Year 2

Component 3:

Comparative Politics

- US Constitution and Federalism, Congress, Presidency and the Supreme Court.
- Democracy and Participations

Entry Requirements

- 5 or more GCSEs graded 9-5
- To study Politics at A-level you will need at least a grade 6 in English.
- A high 5 may be considered if you have achieved a Grade 6 in either History or Citizenship.

Studying Politics combines well with:

Economics, History, English Literature and or Sociology.

Differentiates well when placed alongside STEM subjects. Which allows students to show broad and balanced knowledge and skills.

“We did not come to fear the future, we came here to shape it.” Barak Obama



Politics A Level

How will you be assessed?

Edexcel Exam Board

Paper 1 and 2 –UK Politics and UK Government

2 hour written examination worth 33.3% of overall grade for each paper.

Question style:

30 mark source and non source question and 24 mark ideologies question.

Paper 3 - US Comparative Politics

2 hour written examination worth 33.3% of overall grade.

Question style:

Two 12 mark comparative essay questions and two 30 mark extended essay questions.

Career Pathways

Possible careers can include- Working the civil service, education, journalism, law, marketing, politics, public relations, research and many more.

Destination

Class of 2023

Monir- LLB Law at SOAS University of London

Daniel- LLB Law at Lancaster University

Class of 2024

Diana: International Relations at King's College London

Jay- University of Warwick

Who to talk to?

Ms Mohammad

Head of History and Politics Department

Ms Elmi

Politics Teacher and Director of Sixth Form

Ms Monteith

Politics Teacher

“One of the penalties for refusing to participate in politics is that you end up being governed by your inferior.” Plato

Psychology A Level

Course Overview

A-Level Psychology develops a deeper understanding of human behaviour and the human mind. There will be focus on how behaviour is influenced by motivation, beliefs, emotions, upbringing and biology. The course itself will offer a wide variety of theories, some of which are socially sensitive and some that just make sense. Students will be encouraged to think in an analytical and critical manner whilst recognising the important impact Psychology has on society. By the end of the course students will be able to challenge themselves and those around them in order to become successful in any given context.

What Will I Learn?

Over the course of two years a variety of topics will be covered.

These topics cover a range of ideas and look at behaviour from a learning and biological view point. Students will also learn about research which entails looking at methods and statistics.

In Year 12:	In Year 13:
Approaches: There are six different approaches that attempt to explain human behaviour	Biopsychology: Structures of the brain and the chemistry of the brain.
Social Influence: Why people conform or obey. what makes people resist social influence.	Schizophrenia: The different causes of schizophrenia and the methods of treatment.
Memory: Different types of memory, forgetting and eyewitness testimony.	Issues and Debates; s free will a myth? are there biases in psychology?>
Attachment: who do we attach to and why? what are the consequences of attachment.	Relationships. Why do men and women look for partners differently? what do we search for and why do we stay in relationships.
Psychopathology: What causes phobias, depression and OCD. How are they treated.	Aggression: why are people aggressive? what are the consequences of aggression?
Year 12 Research Methods	Year 13 Research Methods

How will you learn?

- Class Discussions
- Textbooks
- Power points
- Booklets
- Handouts
- Paired work

Entry Requirements

- 5 or more GCSEs graded 9-5 including Maths. and Biology
- To study Psychology, you will also need a minimum of at least a grade 6 in English and Sociology (if you took this as a GCSE)
- A high 5 may be considered

“There’s nothing either good or bad, but thinking makes it so” -Hamlet



Psychology A Level

How will you be assessed?

AQA Exam Board

Paper 1 Introductory topics in psychology

Paper 2: Psychology in context

Paper 3: Issues and options in psychology

Each paper is a 2 hour written examination and is worth 33.3% of overall grade for each paper.

Students will be assessed on:

- **AO1-** Knowledge
- **AO2-** Application of Knowledge
- **AO3-** Evaluation and analysis

Career Pathways

The knowledge gained from a psychology course can lead to a variety of career choices. These could include becoming a clinical Psychologist, Counsellor, Forensic Psychologist, Lawyer, medical doctor and so much more.

Studying Psychology at heathcote will provide you with the skills needed to be successful on any chosen path.

Who to talk to?

Ms Ayub

DEPT lead of Psychology, Sociology and EPQ

Mr Shevelew

Teacher of Psychology

Destinations

Class of 2019

Aliza-- Psychology - University of Cambridge

Sunil- Law- University of Nottingham

Class of 2020

Delicia- University of Nottingham- Psychology

Class of 2021

Joe- Geography- University of Oxford

Class of 2022

Zara- History- SOAS

Abdus- Psychological Counselling- London South Bank University

Class of 2023

Chloe- Biomedical Science - MMU

Kayley - Pharmacy - University of Hertfordshire

Rhianna - Psychology- King's College

Marwa - Biomedical Science- Queen Mary University

Thomas- LAW - Lancaster University-

Class of 2024

Diana- International Relations- King's College

Jay- Philosophy and Politics- University of Warwick

Jasmine- English- UCL

Zara- Experimental Linguistics- UCL

"When I look at the world I'm pessimistic, but when I look at people I am optimistic."-
Carl Rogers

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Sociology A Level

Course Overview

Sociology is the study of how society is organised and how we experience life. In taking Sociology at Heathcote, you'll develop a wide range of skills such as how to analyse and interpret data and arguments and how to apply theories and concepts to explain our social world. Most crucially though, you'll gain an understanding of, and learn to think critically about, the way individuals and social groups behave.

What Will I Learn?

Over the course of two years a variety of topics will be covered.

These topics cover a range of ideas and look at social institutions such as school, family and how they influence our behaviour and achievement. We will also study research methods and statistics in order to find out how sociologists collect their evidence to arrive at their theoretical conclusions.

In Year 12:	In Year 13:
Education: Class, gender, ethnicity, policy and the role of education in society.	Crime and Deviance: Ethnicity, class, gender, class, globalisation and media.
Family and households: family structures, changes, divorce, domestic violence, darkside and impact on society.	Media: Ownership, globalisation, mass media, cultural imperialism, media imperialism, construction of news.
Research methods: Types of research, observations, interviews, questionnaires and case studies. How to create a research proposal.	Theory and methods: Marxism, functionalism, feminism, social action theory etc and what methods each of these use.

How will you learn?

- Class Discussions
- Textbooks
- Power points
- Booklets
- Handouts
- Paired work

Entry Requirements

- 5 or more GCSEs graded 9-5
- To study Sociology at A-level you will need at least a grade 6 in English and a Grade 6 in Sociology if taken at GCSE
- A high 5 in English may be considered if you have achieved a Grade 6 in GCSE Sociology.

“Each new generation is reared by its predecessor; the latter must therefore improve in order to improve its successor. the movement is circular”-

Emile Durkheim

Sociology A Level

How will you be assessed?

AQA Exam Board

Paper 1 Education and Theory and Methods

Paper 2: Topics in Sociology

Paper 3: Crime and Deviance and Theory and Methods

2 hour written examination worth 33.3% of overall grade for each paper.

Question Style: A range of essays from 10 marks to 40 marks.

Students will be assessed on:

- **AO1-** Knowledge
- **AO2-** Application and Evidence
- **AO3-** Evaluation and analysis

Who to talk to?

Ms Onyegbu

Teacher of Sociology

Ms Ayubiol

DEPT lead of Psychology,
Sociology and EPQ

Career Pathways

Studying Sociology is a great starting point for a career in both science and the arts, as it equips you with a range of skills and opens up opportunities with a variety of employers a. Such as, Education, Market research and Advertising , Researcher / Statistician
Civil Service , Police / Nursing, Social and Youth Worker , Charity and Human Resources
Public Relations and much more.

Destinations

Class of 2021

- Faimo- Social Anthropology- London school of Economics (LSE)
- Oliver- History-University of Southampton

Class of 2022

- Caitlin- Counselling- University of Southampton
- Zarah - Politics and Sociology- Queen Mary University of London

Class of 2023

- Brehyr- Asian and middle eastern studies- University of Cambridge
- Monir- LLB Law- SOAS
- Mahek- Cyber Security- University of Roehampton

Class of 2024

- Tasneema- Psychology- University of Westminster
- Amaya- Rose- Midwifery- University of Swansea
- Zara- Experimental Linguistics- UCL

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AAQ Applied Science (1 A-Level Equiv.)

Course Overview

This course develops an understanding of principles and applications of science, practical scientific procedures, science investigation skills, laboratory techniques and their applications and analytical science. It is equivalent to one A Level.

This new AAQ Level 3 qualifications prepares learners for a range of higher education courses and job roles related to a particular sector. It provides progression either by meeting entry requirements in their own right or by being accepted alongside other qualifications at the same level and adding value to them.

What Will I Learn?

The applied science course consists of 2 units assessed by external exams and 3 units assessed by coursework assignments. The units focus on fundamentals of science, science in society, investigative skills, analytical techniques in chemistry and forensic biology.

Career Pathways

- Pupils will gain valuable hands-on experience which can take them straight into a career in the industry and let them progress to higher education. This will include areas such as research, healthcare and analysis.

Entry Requirements

- 5 or more GCSEs graded 9-4, including English, Mathematics and Combined Science (minimum 4-4) or any separate science.

Destination

AAQ Applied Science is new to the school.

Who to talk to?

Ms Faria and Ms Alexander.

“Equipped with his five senses, man explores the universe around him and calls the adventure Science.” – Edwin Hubble

AAQ Health & Social Care (1 A-Level Equiv.)

Course Overview

This course allows students to engage in a broad investigation of various aspects of the health and social care sector.

Equivalent to one A level in size, it is suitable for students looking to develop their applied knowledge and skills in health and social care alongside two A levels.

What Will I Learn?

The course is divided into 4 units over two academic years that consists of 3 mandatory units plus one optional unit. The course is a mixture of externally assessed components, which make up 50% of the total qualification, and internally assessed coursework.

Mandatory units include:

1. Human Lifespan and Development
2. Human Biology and Health
3. Health and Social Care and Practice

Studying Health and Social Care combines well with:

- Psychology
- Biology
- English

Career Pathways

- Students will develop knowledge and skills throughout this qualification that are key to health and social care related degrees.
- Students have the potential to develop transferable and study skills becoming well-rounded individuals, better prepared for the demands of Higher Education.
- Studying Health and Social Care can take you into various career paths including nursing and social work.

Entry Requirements

- Grade 4 in Science
- Grade 4 in English

Destination

This is a new qualification starting in 2026.

“No society can legitimately call itself civilized if a sick person is denied medical aid because of lack of means.” – Aneurin Bevan founder of the NHS

Who to talk to?

Miss Sajid
Department Lead



AAQ Human Biology (1 A-Level Equiv.)

Course Overview

This course develops an understanding of principles and applications of science, practical scientific procedures, science investigation skills, laboratory techniques and their applications and analytical science. Each is equivalent to one A Level.

This is a new AAQ Level 3 qualification that prepares learners for a range of higher education courses and job roles related to a particular sector. It provides progression either by meeting entry requirements in their own right or by being accepted alongside other qualifications at the same level and adding value to them.

What Will I Learn?

The human biology course consists of 2 units assessed by external exams and 4 units assessed by coursework assignments. The units focus on fundamentals of human biology, health and disease, genetics, biomedical techniques, nutrition and metabolism and the brain.

Career Pathways

- Pupils will gain valuable hands-on experience which can take them straight into a career in the industry and let them progress to higher education. This will include areas such as research, healthcare and analysis.

Entry Requirements

- 5 or more GCSEs graded 9-4, including English, Mathematics and Combined Science (minimum 4-4) or any separate science.

Destination

AAQ Human Biology course is new to the school.

Who to talk to?

Ms Faria and Ms Alexander.

“Equipped with his five senses, man explores the universe around him and calls the adventure Science.” – Edwin Hubble

AAQ IT (1 A-Level Equiv.)

Course Overview

The AAQ Level 3 National Extended Certificate in Information Technology is an alternative academic qualification equivalent to one A-Level. It provides students with an in-depth understanding of IT systems, cybersecurity, web development, and database management. This course is ideal for students who want to develop both technical and transferable skills for higher education and career opportunities in the digital sector.

What Will I Learn?

The AAQ Level 3 National Extended Certificate in Information Technology provides a comprehensive understanding of how technology is used in the modern world. You will learn about the fundamental principles of IT systems, including the relationships between hardware, software, and networks. The course will teach you how to identify and mitigate cybersecurity threats, manage IT-related risks, and respond to cyber incidents. You'll gain practical experience in designing and developing professional websites and creating relational databases to manage information effectively. Additionally, the course emphasizes transferable skills such as problem-solving, critical thinking, and project management, which are valuable across various industries and higher education pathways.

How will you learn?

Learning in the **AAQ Level 3 National Extended Certificate in Information Technology** combines practical, hands-on projects with theoretical study. The course includes both internal assessments (coursework) and external exams, ensuring a balanced approach to evaluation.

You will engage in activities such as designing websites, creating databases, and analyzing cybersecurity scenarios. Practical tasks will simulate real-world IT challenges, while theoretical lessons will deepen your understanding of IT systems and their impact on individuals and organizations.

Key topics include:

- **Information Technology Systems**
- **Cyber Security + Incident Management**
- **Website Development**
- **Relational Database Development**

Entry Requirements

- 4 or more GCSEs graded 9-4 (including English and Maths)

Each unit integrates problem-solving and critical thinking, equipping you with the skills to apply IT concepts effectively in both academic and professional contexts.

Who to talk to?

Mr Henry
Department Lead
Computer Science and IT

**Studying IT combines well with:
BTEC Business, A level Business and
Economics.**

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BTEC Business (1 A-Level Equiv.)

BTEC Level 3 National Extended Certificate in Business

Course Overview

This course develops an understanding of finance, marketing, human resources, management and communication. It is equivalent to one A Level.

This BTEC National is a Level 3 qualification designed to provide a highly specialised work-related qualification and to give students the knowledge, understanding and skills that you need to prepare for employment

What Will I Learn?

The course is a mixture of externally assessed examinations, which hold 25% of the total qualification. 75% of the course is internally assessed coursework. The nature of the course will enable you to develop other skills and personal qualities such as: personal time management, organisational and prioritising skills, team working skills, independent research skills, as well as key skills such as communication, numerical, and ICT.

The course is divided into 4 units over two academic years that consists of 3 mandatory units plus 1 optional unit.

Mandatory units include:

- 1.Exploring Business
- 2.Developing a Marketing Campaign
- 3.Personal and Business Finance

“There is no shortage of remarkable ideas, what’s missing is the will to execute them” – Seth Godin

Entry Requirements

Level 3 courses are equivalent to A Levels

- 3 or more GCSEs graded 9-4
- Course completion is 3 years
- Including English and Mathematics.

BTEC Business (1 A-Level Equiv.)

How will you be assessed?

This will be a mixture of internal assessment and external marked units

The vocational nature of the course means that you will be required to investigate and apply your knowledge to real businesses situations and gain appropriate work experience at the end of year 12.

Career

When you successfully complete the two-year course it will allow you to progress toward your chosen career path.

After successfully completing the course to a good standard, you will be able to access a variety of degree and Higher National Diploma (HND) courses in business and business related areas. These areas include: business, management, marketing, law, banking and finance, international business, human resource management and accounting. Alternatively you may wish to enter employment in a business related area. You will be able to choose from a range of employment opportunities which best match your aspirations and career choices.

Destinations

Axa Insurance - Apprenticeship
BDO - Apprenticeship
Savills UK - Apprenticeship
TFL - Transport for London
BBC - British Broadcasting Corporation
Lexus
AON
AXA - Insurance
City University
Queen Mary University
Manchester University
Kent University
Sheffield University

Who to talk to?

Mr Oran

Joint Head of Department

BTEC Business (2 A-level Equiv.)

BTEC Level 3 National Diploma in Business

Course Overview

This course develops an understanding of finance, marketing, human resources, management and communication. It is equivalent to three A Levels.

This BTEC National is a Level 3 qualification designed to provide a highly specialised work-related qualification and to give students the knowledge, understanding and skills that you need to prepare for employment

What Will I Learn?

The course is a mixture of externally assessed examinations, which hold 37.5% of the total qualification. 62.5% of the course is internally assessed coursework. The nature of the course will enable you to develop other skills and personal qualities such as: personal time management, organisational and prioritising skills, team working skills, independent research skills, as well as key skills such as communication, numerical, and ICT

The course is divided into 8 units over two academic years that consists of 6 mandatory units plus 2 optional units.

Mandatory units include:

- 1.Exploring Business
- 2.Developing a Marketing Campaign
- 3.Personal and Business Finance
- 4.Managing an Event
- 5.International Business
- 6.Principles of Management

Entry Requirements

Level 3 courses are equivalent to A Levels

- 5 or more GCSEs graded 9-4
- Including English and Mathematics.

“There is no shortage of remarkable ideas, what’s missing is the will to execute them” – Seth Godin

BTEC Business (2 A-Level Equiv.)

How will you be assessed?

This will be a mixture of internal assessment and external marked units

The vocational nature of the course means that you will be required to investigate and apply your knowledge to real businesses situations and gain appropriate work experience at the end of year 12.

Career

When you successfully complete the two-year course it will allow you to progress toward your chosen career path.

After successfully completing the course to a good standard, you will be able to access a variety of degree and Higher National Diploma (HND) courses in business and business related areas. These areas include: business, management, marketing, law, banking and finance, international business, human resource management and accounting.

Alternatively you may wish to enter employment in a business related area. You will be able to choose from a range of employment opportunities which best match your aspirations and career choices.

Destinations

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BDO - Apprenticeship
Savills UK - Apprenticeship
TFL - Transport for London
BBC - British Broadcasting Corporation
Lexus
AON
AXA - Insurance
City University
Queen Mary University
Manchester University
Kent University
Sheffield University

Who to talk to?

Mr Oran

Joint Head of Department

BTEC Business (3 A-level Equiv.)

BTEC Level 3 National Extended Diploma in Business

Course Overview

This course develops an understanding of finance, marketing, human resources, management and communication. It is equivalent to three A Levels.

This BTEC National is a Level 3 qualification designed to provide a highly specialised work-related qualification and to give students the knowledge, understanding and skills that you need to prepare for employment

What Will I Learn?

The course is a mixture of externally assessed examinations, which hold roughly 30% of the total qualification. 70% of the course is internally assessed coursework. The nature of the course will enable you to develop other skills and personal qualities such as: personal time management, organisational and prioritising skills, team working skills, independent research skills, as well as key skills such as communication, numerical, and ICT

The course is divided into 13 units over two academic years that consists of 7 mandatory units plus 2 optional units.

Mandatory units include:

- 1.Exploring Business
- 2.Developing a Marketing Campaign
- 3.Personal and Business Finance
- 4.Managing an Event
- 5.International Business
- 6.Principles of Management
- 7.Business Decision Making

“There is no shortage of remarkable ideas, what’s missing is the will to execute them” – Seth Godin

Entry Requirements

Level 3 courses are equivalent to A Levels

- 5 or more GCSEs graded 9-4
- Including English and Mathematics.

BTEC Business

(3 A-Level Equiv.)

How will you be assessed?

This will be a mixture of internal assessment and external marked units

The vocational nature of the course means that you will be required to investigate and apply your knowledge to real businesses situations and gain appropriate work experience at the end of year 12.

Career

When you successfully complete the two-year course it will allow you to progress toward your chosen career path.

After successfully completing the course to a good standard, you will be able to access a variety of degree and Higher National Diploma (HND) courses in business and business related areas. These areas include: business, management, marketing, law, banking and finance, international business, human resource management and accounting. Alternatively you may wish to enter employment in a business related area. You will be able to choose from a range of employment opportunities which best match your aspirations and career choices.

Destinations

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BDO - Apprenticeship
Savills UK - Apprenticeship
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AON
AXA - Insurance
City University
Queen Mary University
Manchester University
Kent University
Sheffield University

Who to talk to?

Mr Oran

Joint Head of Department

BTEC Sport (1 A-Level Equiv.)

Course Overview

BTEC National Level 3 qualifications are designed to provide highly specialist work-related qualifications in a range of vocational sectors. The qualification is a two-year course consisting of various units. These give learners the knowledge, understanding and skills that they need to prepare for employment. The qualification will provide career development opportunities for learners already in work, and allow those wishing to progress into higher education such as a university degree course or professional development programme.

What Will I Learn?

The course consists of 4 different study units, with 3 of these being mandatory and 1 being optional. These are selected from a substantial list. Programme leaders and course tutors will decide upon the units best suited to the group of learners on the course, subject to the requirements of the qualification. There is a written exam for 2 units. Some units are externally marked. Possible units include:

- Anatomy and Physiology (written exam)
- Fitness Training and Programming for Health,
- Sport and Well-being
- Professional Development in the Sports Industry
- Skill acquisition
- Business for sport
- Sports Leadership
- Application of fitness training
- Self-employment in the sports industry
- Research methods in sport
- Sports injury management
- Practical sports performance
- Technical and tactical demands of sport
- Sports Psychology Sport
- Application of fitness testing
- Coaching for performance
- Exercise and circuit-based physical activity

Entry Requirements

- Grade 4 in Science
- Grade 4 in English and Maths

Studying Btec Sport combines well with:

- **AAQ Applied Science**
- **AAQ Human Biology**
- **A Level Biology**

Quote

“I don't count my sit-ups; I only start counting when it starts hurting because they're the only ones that count.” - Muhammad Ali

BTEC Sport (2 A-Level Equiv.)

Course Overview

BTEC National Level 3 qualifications are designed to provide highly specialist work-related qualifications in a range of vocational sectors. The qualification is a two-year course consisting of various units. These give learners the knowledge, understanding and skills that they need to prepare for employment. The qualification will provide career development opportunities for learners already in work, and allow those wishing to progress into higher education such as a university degree course or professional development programme.

What Will I Learn?

The course consists of 9 different study units, with 6 of these being mandatory and 3 being optional. These are selected from a substantial list. Programme leaders and course tutors will decide upon the units best suited to the group of learners on the course, subject to the requirements of the qualification. There is a written exam for 3 units. Some units are externally marked. Possible units include:

- Anatomy and Physiology (written exam)
- Fitness Training and Programming for Health,
- Sport and Well-being
- Professional Development in the Sports Industry
- Skill acquisition
- Business for sport
- Sports Leadership
- Application of fitness training
- Self-employment in the sports industry
- Research methods in sport
- Sports injury management
- Practical sports performance
- Technical and tactical demands of sport
- Sports Psychology Sport
- Application of fitness testing
- Coaching for performance
- Exercise and circuit-based physical activity

Entry Requirements

- Grade 4 in Science
- Grade 4 in English and Maths

Studying Btec Sport combines well with:

- **AAQ Applied Science**
- **AAQ Human Biology**
- **A Level Biology**

Quote

“I don't count my sit-ups; I only start counting when it starts hurting because they're the only ones that count.” - Muhammad Ali

BTEC Sport

Career Pathways

Studying BTEC sport can take you onto various career paths including, physiotherapy, sports science, coaching and management.

Destination

*Jake - UCFB - Football Business & Finance
Class of 2023*

*Mustafa - University of Newcastle, Sport
and Exercise Science*

*Stefan - UCFB - Football Business &
Finance*

Who to talk to?

Mr French
Department Lead PE