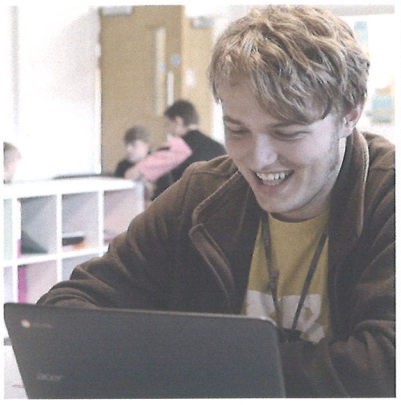
THINKING SCHOOLS
ACADEMY TRUST






# Brixham College

# SIXTH FORM

## Prospectus

# Welcome

Welcome to Brixham College Sixth Form. We hope that you will find the courses that you are looking for within these pages and we are confident that, with us you will enjoy a successful and stimulating time as a Sixth Form student.

We are very proud of the outstanding results we have achieved over the past few years and our growing reputation for academic excellence whilst maintaining a friendly and supportive environment.

We warmly welcome all new students from other schools who wish to join our Sixth Form to continue their studies. We have high standards and we expect all our Sixth Form students to show commitment and determination to make the best use of their talents.

We provide the best possible conditions for students and consider ourselves fortunate to have a team of talented and caring teachers to guide you through this important educational stage. We aim to develop in each individual a mature and responsible attitude to College and to life. Our Sixth Form provides a time for learning to accept challenge and responsibility, a time for investigating ideas and developing initiative and self-discipline.

We have high expectations of you. We know that you want to use your time well to obtain the examination results that will gain you entry to higher education or equip you for a career. Our passion for learning and belief that every student deserves the best is yours to share.

Your journey begins today!

Jason Haines

Head of Sixth Form

*'I have very fond memories of my time at Sixth Form and it is an understatement to say that my experience and the transferrable skills that I obtained have been invaluable towards my career progression'.*

*Matt - ex student*

# The Sixth Form Centre

We believe our Sixth Form accommodation is second to none.
Created to exceed our students requirements it features state of the art design and the latest facilities.

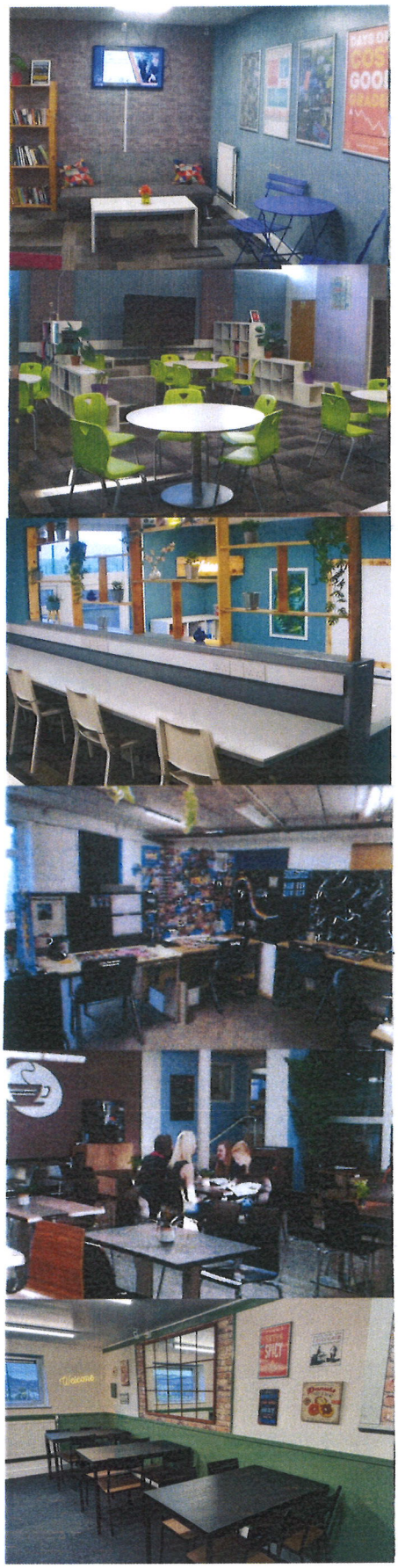
**The Common Room** is a place to quietly relax, read up on some notes or socialise between lessons or study periods.
Comfortable seating, plenty of storage for folders and personal items, presentation screen and a purposeful atmosphere.

The Study features individual work stations, networked computers and photocopying and printing facilities.
You will also find all the essential stationery you need to get on with your work.

The Art Studio features work stations for students studying arts based subjects. Available for you to work in at any time and close to all the resources you need.

**The 'Quad'** is the Sixth Form and Staff Cafe area. Featuring a range of drinks, snacks and hot meals, this is the place to meet and chat with your friends and your teachers.

**The Kitchen** has been recently refurbished to create a space with microwaves and a fridge, where you can relax and study with a coffee or sit and enjoy a snack!



# The Sixth Form Team

The Sixth Form Team are here to ensure that your time at Brixham College is as successful as possible, They are your first point of contact for all queries,questions and any problems you may face. They will also monitor your progress, provide you with careers advice and make sure you have all the support that you need.

| Jason Haines<br>Head of<br>Sixth Form | Addison Tailford<br>Deputy Head of<br>Sixth Form | Vikki Francis<br>Sixth Form<br>Learning Mentor | Hayley Thomas<br>UCAS &<br>Admin | Vicky Charles<br>Sixth Form<br>Tutor |
|---|---|---|---|---|

| Sarah Rees<br>Sixth Form<br>Tutor | Sophie Moore<br>Sixth Form<br>Tutor | Susie Bowden<br>Sixth Form<br>Tutor | Sarah Payne<br>Sixth Form<br>Tutor | Claire Henderson<br>Sixth Form<br>Tutor |
|---|---|---|---|---|

Of course, as a member of Brixham College you will have full access to the wide range of specialised support that is available to all students.

# What's it like?

**A day in Brixham College Sixth Form** will be very different from the school days you have experienced before.

The first thing you will probably notice is that there is no uniform.

Your tutor group will be made up of other students from your year group. You will still be expected to attend college every day and be punctual to registration and lessons. Although as you progress through the Sixth Form this may change and there may be opportunites for you to work at home depending on your attendance and work record.

You will usually study three subjects at A' level, having seven hours lesson time for each subject every two weeks.
Instead, you may choose to study one of our two year Vocational courses combined with A' levels. We can offer you all the guidance you need to help you decide. Whichever route you take, you will be expected to complete at least the same amount of time working outside of lessons. We call this 'Independent Learning'. To make this easier we provide study periods on your timetable where you can work in the Study, The Quad or the Sixth Form Art Studio. You can also take a break or socialise during this time, as long as you are up to date with your studies!

In your second year you will continue to study three A levels or your Vocational course throughout the year until your exams the following summer. During this time you will recieve a lot of help and guidance about University and employment options and applications.

We believe that success comes from a partnership between students, parents and the college. To support this we make regular contact with parents including progress reviews, reports and parents' evenings.

It's hard work and you will have to balance your work, social and employment commitments if you are to succeed. It's worth it though. You will make great friends and even better memories. Your experience will hopefully be one that will inspire you for the rest of your life.

# What else do we offer?

**Here at Brixham College Sixth Form**, we want to provide you with opportunities that will enable you to have a well-rounded experience of Sixth Form life and be ready for your next step, whether that be University or the world of work.

Therefore, alongside your lessons you will be participating in an Enrichment Programme involving a variety of activities and sessions to enhance your lives at our Sixth Form.

**This will be broken down into 4 strands:**

Personal Development Programme - Daily tutorial sessions delivered by the Sixth Form Team and visiting speakers on topics such as Study Skills, Personal Health, Road Safety, Voluntary Work and UCAS.
Sport and Creativity Programme – A fortnightly session where you will participate in an hour of your chosen sport or creative activity. Options range from Football, Netball and Volleyball, to painting, baking or even learning sign language!
Sixth Form Community Programme – You will be expected to complete 1-2 hours of work within the school community per fortnight in a chosen field. Options range from acting as a Teaching Assistant in a lower school lesson, to becoming a Buddy Reader or Peer Mentor.
Sixth Form Charity Work – As a Sixth Former you will regularly be involved in raising money for our chosen charity Cancer research UK, through events such as the Christma Fayre, alongside other 'one off' charity events like the Macmillan Coffee Morning.
Flexible Learning Days During the year there are several days 'off timetable' where you will access a variety of enrichment sessions that cannot be delivered in a normal day. These range from First Aid and cookery skills to University visits and application writing.

All of these enrichment opportunities will allow you to develop new skills for your CV and Personal Statement and provide you with invaluable experience working with other members of the community at Brixham College.

## Trips and Residentials

We aim to offer the whole Sixth Form an annual residential visit as part of our team building activities.
Previous trips have included, Paris and Disneyland, Poland, London and of course our famous camping expedition!

Visits to Universities and Employers also form a part of our enrichment programme. Depending on which subjects you study may also lead to the chance to participate in other educational trips to destinations in the UK and abroad.

As members of the Brixham College community you also have access to the vast array of residential opportunities available to the whole school.

# Subject Choices

At Brixham College we offer a wide variety of both A level and Vocational courses which are all studied over two years.

Students are expected to study 3 A levels (or equivalent vocational qualification) although some students may study 4 subjects depending on GCSE performance and appropriate Careers Advice and Guidance.

All students will also have the opportunity to study the Extended Project Qualification and participate in our comprehensive Enrichment Programme.

We also encourage all students to consider taking 'Core Maths' as an additional option.

## A Level

Art & Design
Biology
Business Studies
Chemistry
Computer Science
English Literature
Geography
Graphic Design
History
Mathematics
Philosophy
Photography
Physics
Psychology
Sociology
Textiles

## BTec & OCR National & Technical Qualifications

(equivalent to 1 A level)

BTec Medical Science
OCR National Diploma in Health & Social Care
OCR Technical Sport

These subjects will be offered in 'Option Groups'. This means that it is possible for us to timetable particular combinations of subjects that are most suitable for progression to Higher Education and employment. Consequently, not all combinations of subjects can be studied. However, we will always endeavour to be as accommodating as possible.

A current 'Option Group' guide is available on request, although it is subject to change at any time as applications are considered.

edexcel AQA wjec cbac OCR RECOGNISING ACHIEVEMENT

# Entry Requirements

There are a number of reasons that might influence your choice of subjects.

✓ You might have enjoyed or been good at the subject at GCSE.
✓ You need a particular subject for your chosen career path or University course.
✓ You are new to the subject, but having researched it, you think that you have the skills and aptitude for it.

The vast majority of students will study 3 A levels or their equivalent over two years. However, depending on GCSE results, some students may opt for 4 A levels.with agreement from the Sixth Form management.

Our entry requirements have been designed to ensure that all students have the maximum chance of success.

| A Level | Entry Requirements<br>You should have a minimum of 5 GCSE passes at grades 4 or above to follow the A level pathway. |
|---|---|
| Biology<br>Chemistry<br>Maths<br>Physics | GCSE grade 6 in the chosen subject or equivalent.<br>GCSE grade 5 in Maths is also recommended for Science subjects. |
| **English**<br>**Geography**<br>**History**<br>**Philosophy**<br>**Psychology**<br>**Computer Science** | GCSE grade 5 in the relevant subject or in English (Lit or Lang) with agreement from the subject teacher/s if the subject has not been studied at GCSE.<br>It is preferable for students to have GCSE grade 5 in Maths for Psychology<br>**GCSE grade 5 in Computer Science, Maths and Science** |
| **Sociology**<br>**Business Studies** | GCSE grade 4 in the subject or in English and Maths if not studied before |
| **Art & Design**<br>**Graphic Design**<br>**Photography**<br>**Textiles** | GCSE grade 4 or above in GCSE Art & Design, Photography, Graphic Design or Textiles |

| OCR National & BTec Qualifications<br>These offer a more vocational approach to studying whilst still maintaining a route to Higher Education.<br>In order to study these subjects you will normally have achieved at least 5 GCSE grades 4s or above. However, if you are close to these grades then you may still be offered a place. | |
|---|---|
| OCR Technical Sport (eqv 1 A level) | Choose 2 additional A levels (or equivalent) |
| BTec Medical Science (eqv 1 A level) | Choose 2 additional A levels (or equivalent) |
| OCR National Health & Social Care (eqv 1 A level) | Choose 2 additional A levels (or equivalent) |
| In addition, students are able to study Core Maths and /or the Extended Project Qualification (EPQ)<br>Languages may also be available if requested | |

*Those students failing to achieve a Grade 4 or above in Maths or English at GCSE will continue to study them and retake exams in order to improve grades.*

*Other subjects and qualifications may well be introduced before the start of the academic year.*

*The above is subject to change depending on uptake and any other unforeseen circumstances.*

# Art & Design

# A Level

**You should enjoy working with a range of practical skills and materials, find your world visually stimulating, enjoy questioning, find experimenting, exploration of concepts and ideas attractive, and be able to put forward your own personal view of the world. We feel our students should have ownership of their work, an opportunity to create a visual language which says something about the way they understand the world. We believe that the diversity of students we teach should be reflected in their artwork.**

**Our students are encouraged to work independently in a sustained manner, questioning and refining their work with the support and guidance from their teachers. Our teachers are specialists in their fields and they are a committed and enthusiastic department which includes four full time practising artist-teachers as well as a specialist art technician.**

**As a department we very much want your art experience to excite and challenge you creatively as well as develop social, interpersonal and communicative skills.**

At AS Level students will be introduced to a variety of experiences, employing a range of media, processes and techniques. At A Level, students are required to build upon the knowledge, understanding and skills gained in the AS with greater depth of study.

## What will you study?

You will explore a full range of materials and approaches:

Develop ideas through investigations, analysis and critical understanding.
Explore and select appropriate materials, techniques and processes.
Record ideas and observations, reflecting critically on your work.
Present a personal response that makes connections.

## Possible Career Path?

Our students can choose to further their studies with Art and Design related courses post 18 including Foundation, as well as direct entry onto degree courses such as Fine Art, Textile Design, Fashion Design, Graphics and Advertising, Photography, 3D, Multimedia, Architecture, Product Design and Illustration.
The world uses the artist/designer as a provider for that which is designed – look about you, there is a lot of it and it keeps on growing! The individuality of the artist, the ability to solve problems laterally, the skills involved in planning, making, communicating visually, and expressing uniquely are all in demand, but – as with everything – you only get out what you put in. The Art and Design 'industry' rivals the communications industry as the fastest growing sector.

## Further Information.

Mrs Charles

OCR

# Biology

# A Level

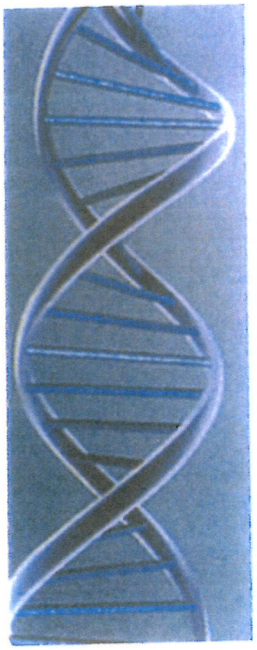
**Biology is one of the most popular A Level subjects in the country, attracting students studying a wide range of other subjects. Biology involves the study of a wide range of exciting topics, ranging from molecular biology to the study of ecosystems and from microorganisms to mammoths.**

## Your Key Learning Topics

In the first year you'll study four main topics;

1- Biological Molecules
2- Cells
3- Organisms exchange substances with their environment.
4- Genetic information, variation and relationships between organisms.

You will also have regular assessed practical investigations designed to sharpen your investigative skills. Between them, these four topics give a solid grounding in Biology. Year two helps you build on that firm foundation and has four academic topics plus practical assignments.



The academic topics are;

5- Energy transfer in and between objects.
6- Organisms respond to changes in their internal and external environments.
7- Genetics, populations, evolution and ecosystems.
8- The control of gene expression.

## Assessment

Paper 1- Content from topics 1-4 and practical skills (35%)
Paper 2- Content from topics 5-8 and practical skills (35%)
Paper 3- Content from topics 1-8 and practical skills (30%)
Assessed practicals throughout years 1 and 2.

## The Future.

Although Biology is an especially important choice of subject for people who want a career in health and clinical professions, such as medicine, dentistry, veterinary science, physiotherapy, pharmacy, optometry, nursing, zoology, marine biology or forensic science, others go on to careers in law, computing, accounting or teaching. So, whatever field you will eventually work in, you will find biology a very rewarding and challenging course which will develop many of the skills essential for a successful career.

## Further Information.

Mr Britten or Dr Joyner

AQA

# Business Studies

## A Level

**No prior experience is necessary to study Business Studies at A Level, although a GCSE grade 4 in Maths and English is required.**
Business is always headline news. Whether it be Brexit or unscrupulous businesses avoiding their tax, it's a talking point for all citizens and an important part of your life

**In studying Business, you will find out:**
Key business terms, concepts, theories and models of how individuals and organisations are affected by business decisions.
How to apply your knowledge and understanding to real business contexts and situations.
How to analyse influences that internally and externally impact on business and individuals.
How to use quantitative and qualitative information to make recommendations, judgements and propose solutions to business issues.

**The linear course follows these four modules:**

Marketing and People - meeting customer needs, the market, marketing mix and strategy, entrepreneurs and leaders.

Managing Business Activities - raising finance, financial planning, maaging finance, resource management, external influences.

Making Business Decisions - business objectives and strategy, business growth, decision making techniques, assessing competitiveness

Global Business and Marketing - global markets and business expansion, global marketing, global industries and companies.

**You will take three, two hour exams at the end of year 13.**

**Paper 1** Marketing, people and global businesses (35%)
**Paper 2** Business activities, decisions and strategy (35%)
**Paper 3** Investigating business in a competitive environment (30%)

Underpinning these units you will be carrying out calculations, interpreting data, thinking critically about issues and making informed decisions. These analysis and evaluation skills are all skills that are needed for further study and employment.

Business studies can lead to a career in marketing, finance, law or personnel. It also fits in well with the management aspects of many careers. Past students have gone on to study Primary school teaching, Logistics, accountancy, apprenticeships, mortgage advising and management within the NHS.

Further Information. Mrs Bowden

edexcel

# Chemistry

# A Level

**Chemistry is a diverse and fascinating area of study. Our universe has approximately 100 pure substances – the building blocks of life. Chemistry looks at both the properties and behaviour of these elements and their compounds when joined together.**

## What will you learn about?

Module 1: Development of practical skills in Chemistry - which involves undertaking a range of experiments based in the topic areas covered in the course and assesses the students' planning, implementation, analysis evaluative skills in Chemistry. The knowledge base of this module is assessed in the other module exams and the skills requirement is assessed through the practical endorsement, which is reported separately to the examination grade.

Module 2: Foundations in Chemistry - which involves the study of atoms, compounds, molecules and equations; amount of substance; acid–base and redox reactions and electrons, bonding and structure.

Module 3: Periodic Table and energy – which involves the study of the periodic table and periodicity, Group 2 and the halogens, qualitative analysis, enthalpy changes, reaction rates and equilibrium

Module 4: Core and Organic Chemistry – which involves the study of basic concepts, hydrocarbons, alcohols, haloalkanes, organic synthesis and analytical techniques (IR, MS).

Module 5: Physical chemistry and transition elements - which involves the study of reaction rates and equilibrium, pH and buffers, enthalpy, entropy and free energy, redox and electrode potentials and transition elements.

Module 6: Organic chemistry and analysis – which involves the study of aromaticcompounds, carbonyl compounds, carboxylic acids and esters, nitrogen compounds, polymers, organic synthesis and chromatography and spectroscopy (NMR).

Assessment for the A Level is through three written exams. All exams cover the content of Modules 1 and 2 (37%). The content of Modules 3 and 5 and 4 and 6 are assessed in separate papers with weightings of 37% and 26% respectively.

## What kind of teaching methods and activities can I expect in Chemistry?

The subject is taught in a variety of ways including, timetabled lectures, incorporating group and individual work; laboratory based practical experiments; teacher led demonstrations, problems solving sessions. Progress in the subject is assessed by contributions to class discussions and involvement in practical work; practical skills tasks; in-class tests; homework assignments and written responses to questions.

## Further Information.

Miss Moore or Mr Britten

AQA

# Computer Science

## A Level

**A-Level Computer Science will build on your learning from GCSE to understand the core academic principles of computer science. Classroom learning is transferred into creating real-world systems through the creation of an independent programming project. Our A-Level will develop the student's technical understanding and their ability to analyse and solve problems using computational thinking.**

### Component 01: Computer systems

Students are introduced to the interna workings of the (CPU), data exchange, software development, data types and legal and ethical issues. The resulting knowledge and understanding will underpin their work in component 03.

It covers:

- The characteristics of contemporary processors, input, output and storage devices
- Types of software and the different methodologies used to develop software
- Data exchange between different systems
- Data types, data structures and algorithms
- Legal, moral, cultural and ethical issues.

### Component 02: Algorithms and programming

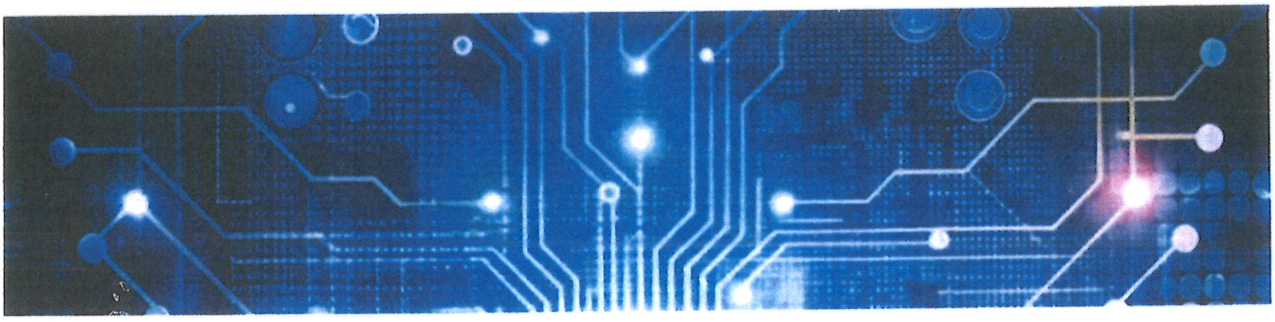
This builds on component 01 to include computational thinking and problem-solving.

It covers:

- What is meant by computational thinking (thinking abstractly, thinking ahead, thinking procedurall
- Problem solving and programming – how computers and programs can be used to solve problems
- Algorithms and how they can be used to describe and solve problems.

### Component 03: Programming project

Students will analyse, design, develop, test, evaluate and document a program written in a suitable programming language.



| Component | Duration | Weighting |
|---|---|---|
| 01 Computer Systems | 2h30m | 40% |
| The internal workings of the (CPU), data exchange, software development, data types and legal and ethical issues.<br>Calculators not allowed. | | |
| 02 Algorithms and Programming | 2h30m | 40% |
| Using computational thinking to solve problems.<br>Calculators not allowed. | | |
| 03 Programming Project | - | 20% |

### Further information

Mr Matthews

# English Literature

## A Level

**This course covers a wide variety of modern and traditional literature, ranging from Shakespeare to Alice Walker. If you enjoy reading, discussing ideas and developing your analytical skills, then this course is the right choice for you. The course will enable you to develop your own tastes in literature and gives you the freedom to pursue those.**

### What will you study?

**Component 1** - Drama Exam 30%
You will study two drama texts from the tragedy genre. One of these will be a Shakespeare play, the other Dr. Faustus by Christopher Marlowe.

**Component 2** - Prose Exam 20%
You will investigate two texts. One from the 19th Century and one contemporary.

**Component 3** - Poetry Exam 30%
You will study a range of work including, 21st Century Poetry
*and* Poetry Across the Ages

**Component 4** - Coursework 20%
An essay (2500-3000 words) comparing two texts of your choice.


### Possible career path?

Your studies will develop your creative writing skills in many textual forms. You will be able to understand and analyse both written and spoken forms of language. You will gain insight into crafted and spontaneous talk, gaining an understanding of effective and creative communication.

The course demands analytical and creative thinking, essential tools in the workplace.

The study of Literature and Language will increase your opportunities in Creative industries • Technical writing • Publishing • Journalism • Advertising • Marketing • Teaching

Further information.

Miss Payne or Mrs Tailford

edexcel

# Geography

# A Level

## Component 1: Physical geography and people and the environment

**What's assessed**

- Section A: **either** Water and carbon cycles **or** Coastal systems and landscapes **or** Hot desert environments and their margins (40 marks)
- Section B: **either** Hazards **or** Contemporary urban environments (40 marks)

**How it's assessed**

- Written exam: 1 hour 30 minutes
- 80 marks
- 50% of AS

## Component 2: Human geography and geography fieldwork investigation

**What's assessed**

- Section A: **either** Global systems and global governance **or** Changing places (40 marks)
- Section B: Geography fieldwork investigation and geographical skills (40 marks)

**How it's assessed**

- Written exam: 1 hour 30 minutes
- 80 marks
- 50% of AS

## Component 1: Physical geography

**What's assessed**

- Section A: Water and carbon cycles
- Section B: **either** Coastal systems and landscapes **or** Hot desert environments and their margins
- Section C: **either** Hazards **or** Ecosystems under stress **or** Cold environments

**How it's assessed**

- Written exam: 2 hours 30 minutes
- 96 marks
- 40% of A-level

## Component 2: Human geography

**What's assessed**

- Section A: Global systems and global governance
- Section B: Changing places
- Section C: **either** Population and environment **or** Contemporary urban environments **or** Resource security

**How it's assessed**

- Written exam: 2 hours 30 minutes
- 96 marks
- 40% of A-level

## Component 3: Geographical investigation

**What's assessed**

Students complete an individual investigation which must include data collected in the field. The individual investigation must be based on a question or issue defined and developed by the student relating to any part of the specification content.

**How it's assessed**

- 3,000 – 4,000 words
- 35 marks
- 20% of A-level
- Marked by teachers moderated by AQA

### Physical Geography

Water and carbon cycles

Coastal systems and landscapes

Hazards

### Human Geography

Global systems and global governance

Changing places

Resource security

### Possible Career Path?

Geography continues to be a very popular and highly respected subject by Universities and employers. Geographers possess the skills that employees think important and they work in almost every field of employment e.g.
• Geology • Meteorology / weather forecasting Mining Industry • Marine pollution
• Environment Agency • Oceanography • Urban Planning • Public health • Third world debt

Geologist • Forestry • Travel industry • Rural estate management • Sustainable transport Cartographer• Working in AIDS orphanages • Teaching • Geophysics • Flood management Tour Guide • Outdoor education • Hazard management • Volcanology• Charity Co-ordinator University lecturer / professor • Civil Engineer

### Further Information.

Mr Darlington or Mr Wordsworth

AQA

# Graphic Design

## A Level

**Consider the packaging, advertising, printed material and on screen information that confronts us every day. Graphic Design surrounds us.**

**A level Graphic Design encourages students to think about how Art and Design is used in the commercial sector. It helps prepare students for careers in areas such as Illustration, Design or Advertising. Throughout the course students will learn the relationship between visual imagery and written text and how they can be used to communicate ideas to anaudience. They will learn to produce work of a very high standard, using a variety of techniques and technologies.**

### What will you study?

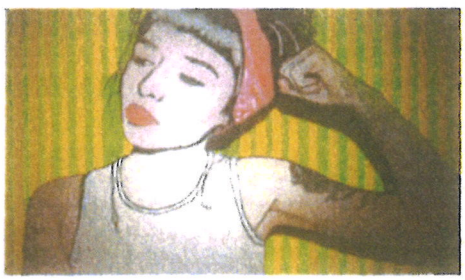
Students will be introduced to a variety of experiences exploring a range of graphic media, techniques and processes, both traditional and new. They will explore relevant images, artefacts and resources relating to a range of art and design, from the past and from recent times. They will also learn to appreciate how ideas, feelings and meanings can be conveyed and interpreted through images and artefacts. They will study historical and contemporary developments, different styles and genres and investigate how images and artefacts relate to their social, environmental and cultural contexts.

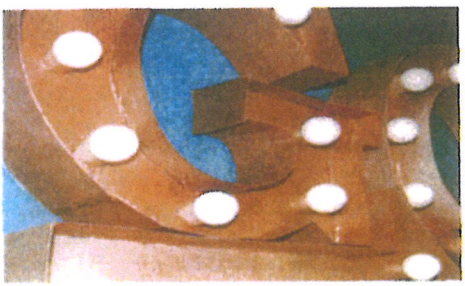
### The course will provide opportunities to investigate Graphic Communication skills in;

- Illustration
- Advertising
- Design for print
- Packaging
- Multimedia
- Web design

### Possible Career Path?

Many students prepare for a career in Art and Design and can go on to prestigious Art Colleges but many others combine Art subjects with A Levels in English Literature, Humanities or even Sciences.
As well as Graphic Design, students can pursue courses and careers in Illustration, Interior Design, Product Design, Fashion Design, Public Art, Jewellery Making, Ceramics, Textile Design, Surface Design, Architecture, Photography, Advertising and Animation.
Graphic Design A Level can provide a gateway into a structured commercial career





### Further Information.

Mr Haines

OCR
RECOGNISING ACHIEVEMENT

# History

# A Level

**Through the study of A Level History you can acquire competence and knowledge which will help you develop self-confidence and self-reliance. You can develop good communication skills, research and data handling skills, and an ability to make assessments of situations, all of which are useful in the workplace or at university. Students will need a level 5 in History GCSE or a Level 5 in English GCSE ( if no History )**

The aims and objectives of the Pearson Edexcel Level 3 Advanced GCE in History are to enable students to:

- develop their interest in and enthusiasm for history and an understanding of its intrinsic value and significance
- acquire an understanding of different identities within society and an appreciation of aspects such as social, cultural, religious and ethnic diversity, as appropriate
- build on their understanding of the past through experiencing a broad and balanced course of study
- improve as effective and independent learners, and as critical and reflective thinkers with curious and enquiring minds
- develop the ability to ask relevant and significant questions about the past and to research them
- acquire an understanding of the nature of historical study, for example that history is concerned with judgements based on available evidence and that historical judgements are provisional
- develop their use and understanding of historical terms, concepts and skills
- make links and draw comparisons within and/or across different periods and aspects of the past; and
- organise and communicate their historical knowledge and understanding in different ways, arguing a case and reaching substantiated judgements

| Component | Content | Assessment | Value |
|---|---|---|---|
| Paper 1 Non-British Breadth study | In search of the American dream, 1917-96 | Exam 2 hrs 15 min 60 marks | 30% |
| Paper 2 Depth study | India 1914-48: the road to independence | Exam 1hr 30 min 40 marks | 20% |
| Paper 3 British breadth and depth study (100 years) | The British experience of warfare, 1790-1918 | Exam 2hrs 15 min 60 marks | 30% |
| Coursework | Self selected topic | Assessment piece set by school | 20% |

## Possible career path?

By studying History you will find that many and varied career opportunities will open up for you. History students will be able to develop highly successful careers in areas such as journalism, acting, television production, administration, local government, national politics, teaching, architecture, public relations, law, management, business and nursing.

## Further information.

edexcel

Mrs Rees or Mr Tailford

# Mathematics

## A Level

**The subject is an exciting, challenging and high profile one. It is flexible and combines and supports all the other A level subjects.**
**You will gain success in Mathematics if you are determined and prepared to work hard.**

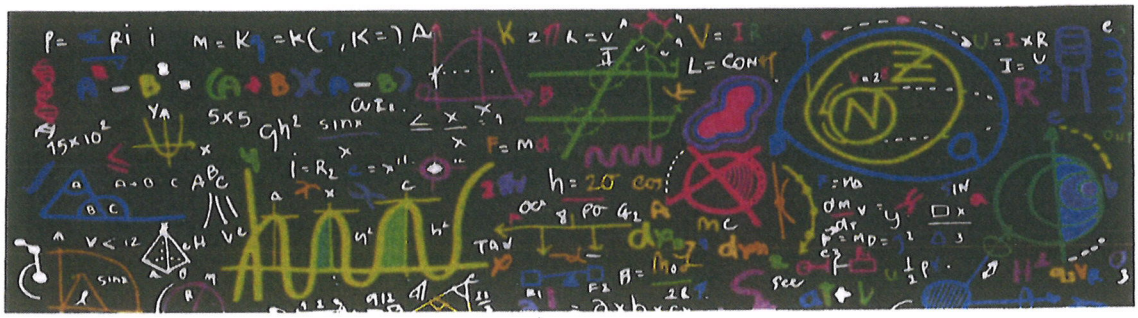
### What will I study?

The work covered is a consolidation and extension of work studied at higher level GCSE.

This will include;

**Pure Maths:** geometry, algebra, graphs, logarithms, trigonometry, calculus

**Applied Maths:** working with a big data set, statistics, mechanics



### How will I be assessed?

You will be assessed by three examinations at the end of Year 13.

### Possible Career Path?

A level mathematics is essential for the study of engineering in higher education and is desirable for many science subjects. It is also very useful in geography, economics, architecture, business and management studies, operational research, computing, accountancy, psychology, banking and education.

It is very highly regarded by Universities and employers, and particularly compliments studies in other A level subjects such as , Chemistry, Biology, Physics, Business Studies and Geography

### Further Information.

Mr Brown

edexcel

# Philosophy

## A Level

## AQA Philosophy A-Level.

**Are you inquisitive, reflective, a critical thinker?**
**Do you enjoy asking questions, figuring out puzzles and debating?**
**Are you confident about your own ideas and opinions?**
**Yes? Then A-level Philosophy could be for you!**

**Students will consider the big questions, such as: "What is knowledge?" and "What do good, bad, right and wrong really mean?"**
**They will also explore further questions including: "Is the concept of God incoherent?" and "What is mind?"**

The new A-level Philosophy qualification is designed to give students a thorough grounding in the key concepts and methods of philosophy.

Students will have the opportunity to engage with big questions in a purely secular context.
Students will develop important skills that they will need for progression to higher education.
Students will learn to be clear and precise in their thinking and writing.
Students will engage with texts, analysing and evaluating the arguments of others and constructing and defending their own arguments.

Programme of study:

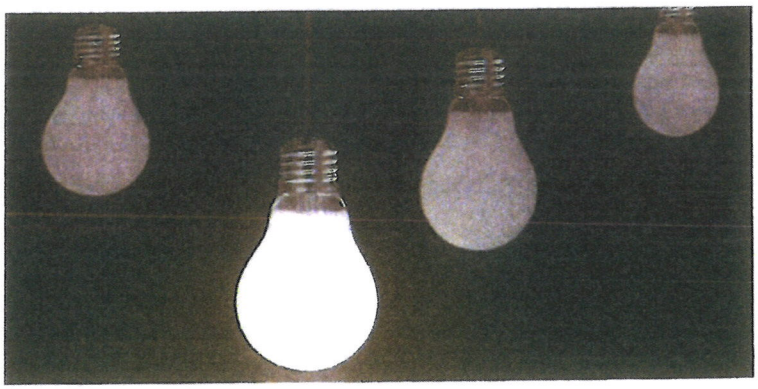
- Epistemology; The theory of knowledge, what do we know and how do we know it? (25%)
- Moral Philosophy; The study of right and wrong, how we should act and how we should live. (25%)
- Metaphysics of God; Philosophy of religion, the study of the nature and existence of God. (25%)
- Metaphysics of mind: The study of how we should understand our own mind and the nature of consciousness (what the mind is, is it separate from the brain?). (25%)

**Potential Career avenues:**

- Teacher
- Lawyer
- Journalist
- Politician
- Scientist

For more information:

Mrs Dimmock



AQA

# Photography

## A Level

**Photography has become so much a part of 21st Century living that we often allow the barrage of images to wash over us. However, Photography is an extraordinary medium, one of not just immediate and gratifying aesthetics but of meanings, codes and hidden messages. As students you are encouraged to learn ways to read them but we can, and do, become producers ourselves. There are now few questions regarding the importance of media and lens-based studies and their relevance to preparing young people as citizens, consumers and as creative contributors to 21st century culture.**

### What will you study?

The course is assessed in four areas, as follows:

- Developing ideas through focused investigations, informed by contextual sources.
- Experimenting with media, materials, techniques and processes, reviewing and refining ideas as work develops.
- Recording ideas, observations and insights – demonstrating an ability to reflect on your own practice.
- Present a personal, informed and meaningful response.

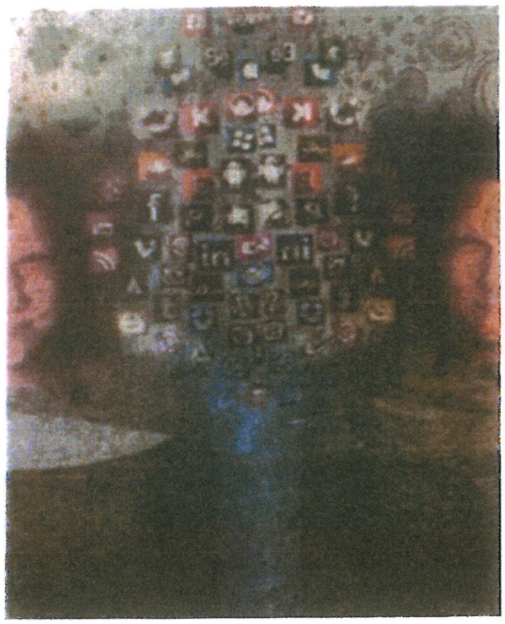
At AS Level students will be introduced to a variety of experiences, employing a range of media, processes and techniques. These include: black and white film based photography and darkroom processes, digital photography, image manipulation and contextual studies.

At A level, students are required to build upon the knowledge, understanding and skills gained in the AS with greater depth of study.

### Possible career path?

The opportunities for careers in digital media, TV, media based journalism and web design (all of which have their roots in Photography) have never been greater.

Photography A Level makes a sound complementary study to A Level Art, and is aimed at a student's intent on further education in the Art sphere, for instance Foundation Art, Light-based or Lens-based Media courses, and also those who simply wish to maintain a creative element of study.



### Further Information.

Mrs Charles

OCR
RECOGNISING ACHIEVEMENT

# Physics

## A Level

### Why study physics?

Physics is crucial to understanding the world around us, the world inside us, and the world beyond us. It is the most basic and fundamental science. Physics challenges our imagination with concepts like relativity and string theory, and it leads to great discoveries that change our lives.

By studying physics you will gain skills that can be used in many of your future endeavours. Physics teaches you how to apply mathematics to real life situations and how to think in a logical way to solve complex problems.

### What you will you cover?

Practical Skills in Physics
- Skills of planning, implementing, analysis and evaluation

Foundations of physics
- Physical quantities
- Scalars and vectors
- Measurements
- Waves
- Quantum physics

Forces and motion
- Motion
- Forces in action
- Work, energy and power
- Materials
- Newton's law of motion and momentum

Electrons, waves and photons
- Charge and current
- Energy, power and resistance
- Electrical circuits
- Waves
- Quantum physics

Newtonian world and astrophysics
- Thermal physics
- Circular motion
- Oscillations
- Gravitational fields
- Astrophysics

Particle and medical physics
- Capacitors
- Electric fields
- Electromagnetism
- Nuclear and particle physics
- Medical imaging

### Further information

Mr Britten

AQA

# Psychology

## A Level

**A specification designed to introduce you to a wide range of psychological topics both practical and theoretical.**

### The course will appeal to those students who:

- have an interest in human behaviour
- want to go beyond 'common sense' explanations and come up with more convincing explanations
- enjoy studying a subject that is relevant to their own lives and experiences
- enjoy a scientific approach
- are willing to consider evidence critically
- want to keep their options open for higher education and careers

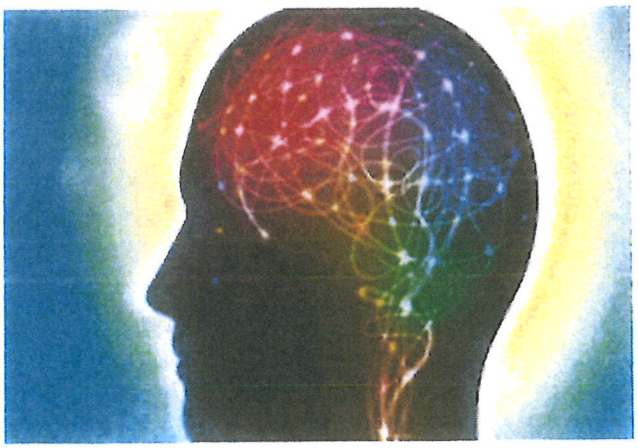
### What will you study?

- Cognitive Psychology [Memory]
- Developmental Psychology [Attachment]
- Bio-psychology [Stress]
- Abnormal Psychology [Therapies]
- Research Methods [Ethics of Research]
- Social Psychology [Social Influence]
- Eating behaviour, biological rhythms, sleep and dreaming.
- The Psychology of addictive behaviour, depression, schizophrenia and phobia

### Possible career path?

Employment opportunities exist in:

Health Education
Armed Forces
Business
Government
Law Enforcement
Prison Services



### Further information.

Mr Dubas

AQA

# Sociology

## A Level

**Sociology is the academic study of the structures and dynamics of societies, and how these connect to human behaviour. In other words it looks at how the world we live in influences what we do every day.**

**Sociological questions you will tackle include:**

***Why is there inequality in education?***
***Why are young people often demonised by the media?***
***Why do certain people turn to crime?***

### What will you study?

- Education
  Research methods in context
- Families and Households
  Research methods
- Education
  Theory and Methods
- Families and Households
  The Media
- Crime and Deviance
  Theory and Methods

### Possible career path?

If you are considering a career in medicine, nursing or social work Sociology is now regarded as vital background knowledge and understanding.

It is also looked on favourably in careers such as the Police, the media and education.

Sociology is a natural partner to subjects such as Psychology, History, Geography and English Literature.

### Further information

Ms Whitcombe

AQA

# Textiles

## A Level

Textiles is an engaging subject, encouraging students to explore and research a variety of textiles applications such as Fashion and Interior Design. Students can design and make a range of products and accessories, analysing materials, process, trends and use in relation to the industry and commercial practices of fashion as well as Fine Art Textiles with elements of Craft.

### What will you study?

- Learners should be able to explore, research and acquire techniques and develop their skills, knowledge and understanding in a range of textiles media.

- Learners should explore relevant images, artefacts and resources relating to textile design. Learners may use methods such as textile design, print and digital techniques to produce outcomes in visual, tactile and/or sensory forms.

- Learners in textile design are expected to demonstrate specialisation in particular media or processes to an appropriate depth of study. This can be achieved by working towards the extension and development of particular themes, ideas or issues.

- An important focus is on learners recording experiences and observations in stitch, textiles illustration, materials sampling and other forms.

- Drawing skills should be understood and developed as appropriate to the ways of recording and communicating intentions, ideas and emotions in the context of textile design.

### Possible career path?

This course will help you to achieve employment in many industries including fashion and costume design, interior design, window dressing, artist and practitioner and education.

This course could lead to the study of fashion, textiles, costume design, fabric manufacture or art at degree level.

Further information

Mrs Charles

OCR
RECOGNISING ACHIEVEMENT

# Health & Social Care

## OCR National

Brixham College is delighted to offer the level 3 OCR Extended Certificate in Health and Social care, equivalent to one A level Universities have acknowledged this qualification and positively encourage the uptake of this post 16 qualification.

Most students will have an interest in working professionally with people. This could be in early years work with children as a primary teacher or children's nurse; it might be in adult health services as a paramedic, midwife or adult nurse, or in social care services as a social worker. It might be in some other career such as operating department practitioner or occupational therapist.

Whether it's going straight into a job or moving onto university, the broad nature of advanced level studies in Health and Social Care will provide you with the background knowledge you need.

Students will progress from college with a level 3 qualification in Health and Social Care to both employment and further study in Higher Education.

Degree courses taken at university could include the following:

Nursing (Adult, Child and Learning Disability)
Midwifery
Physiotherapy
Social Work
Occupational Therapy
Children's Inter-professional Studies
Primary School Teaching
Communication and Public Relations

Further Information.

Mrs Wilson

OCR
RECOGNISING ACHIEVEMENT

# Medical Science

## Extended Cert

## Why choose Level 3 AAQ Extended Certificate in Medical Science?

The Level 3 Extended Certificate in Medical Science is about how we maintain health and the prevention and treatment of diseases. Medical scientists are at the forefront of healthcare services, as they are vital in the diagnosis of disease, determining the effectiveness of treatments and searching for new cures.

This qualification develops your knowledge, understanding and skills in key scientific principles to support progress to higher education and pursue graduate careers related to healthcare and medical research.

### What will I study?

#### Unit 1: Human health and disease

This unit develops knowledge and understanding of human anatomy and physiology. You will develop an understanding of the function of organ systems and some problems that can occur in these systems.

#### Unit 2: Physiological measurement techniques

This unit develops knowledge and understanding about the physiological measurements that can be made to assess the function of major body systems.

#### Unit 3: Medical science research methods

This unit develops knowledge and understanding of planning, conducting, and reporting of research in medical sciences using a range of methodologies and techniques. You will develop the necessary knowledge and skills to carry out research in order to obtain meaningful information.

#### Unit 4: Medicines and treatment of disease

This unit develops knowledge and understanding about the science of medicines and how they work through their interactions with body systems. It also introduces cancer, its relationship to genetics, and the range of therapeutic treatments available.

#### Unit 5: Clinical Laboratory techniques

This unit develops knowledge and understanding about the clinical laboratory techniques that can be used to assess body functions.

#### Unit 6: Medical case study

This unit is a synoptic unit for the Extended Certificate qualification. It provides the opportunity for you to apply your understanding of the connections between the other five units of this Medical Science qualification. You will apply skills, techniques, knowledge, understanding and concepts from across the qualification content in order to complete the required assessment. The assessment involves medical case studies, which require you to analyse the information provided and develop a thorough assessment of the situation based on your knowledge and understanding gained from the other units of this qualification.

### How will I be assessed?

The Level 3 Extended Certificate in Medical Science consists of six units:

- Unit 1 is an exam which makes up 25 % of the qualification.
- Unit 2 is a non-exam assessment task which makes up 12.5% of the qualification. Your teacher will mark this unit.
- Unit 3 is a non-exam assessment task which makes up 12.5% of the qualification. Your teacher will mark this unit.
- Unit 4 is a non-exam assessment task which makes up 20% of the qualification. Your teacher will mark this unit.
- Unit 5 is a non-exam assessment task which makes up 15% of the qualification. The WJEC will mark this unit.
- Unit 6 is an exam which makes up 15% of the qualification.

More information

Mr Britten

wjec cbac

# Sport

# OCR Technical

**OCR Technical in Sport is offered as a single award (equivalent to 1 A Level) and a qualification in GCSE or Level 2 BTEC Physical Education is desirable, but not essential, to undertake this course. Students should also have a keen interest in sport and actively take part in sport outside of the College.**

This Cambridge Technical qualification requires a number of skills due to the diverse nature of the course. Strengths in independent learning are desirable as the course is 60% coursework assessed and 40% examination. An ability to analyse, discuss and debate is required when studying all modules. An enthusiasm to build skills and a thirst for knowledge and understanding in sport would further enhance a career in the area.

## Overview of the Course:

This vocational course does have an assessed practical performance element and allows for practical based activity within each of the units, therefore there is a high expectation that students participate regular in some form of sporting activity.

## What will you study?

### Mandatory Units

**Unit 1** - Anatomy and Physiology
**Unit 2** - Sports Coachingand Physical Development
**Unit 3** - Sports Development and Organisation

### Selective Units

**Unit 8** - Planning a Sports Event
**Unit 17** - Sports Injury and rehabilitation
**Unit 18** - Pratical Skills in Sport and Physical Act

## Possible Career Path?

This course provides a platform to Higher Education for all degree level study including such areas as Sports Studies, Sports Science, Physiotherapy, Recreation Management, Sports Psychology as well as PE teaching. Following Higher Education this course could ultimately lead to a career as a sports performer, coach, teacher, as well as a career in Sports Science, Leisure Management, Sports Psychology, Physiotherapy, or Sports Therapy.

## Further Information

Mr Dowling

OCR
RECOGNISING ACHIEVEMENT


More Information

Ms Stewart

EPQ

Extended Project Qualification

The Extended Project (EP) is an A Level standard qualification which involves you researching a topic of your choice.
Many students decide that their EP should be closely related to their chosen university course; however, this need not be the case.

Similarly, although most projects submitted tend to be in the traditional 5,000-word dissertation format, this is not exclusively so as diversity is a key element of the EP philosophy. As such, live performance, film, software creation, a design portfolio and other artefact-based projects are all valid alternative outcomes.

The EP is a qualification that has been welcomed by universities and employers as it enables you to gain skills and knowledge that prepare you for higher education and employment.

The Extended Project will make you an independent learner, capable of planning and developing an academic research project over an extended period of time. It also allows you to use your own initiative and demonstrate innovation and creativity in producing a project of your choice.

Taking up the Extended Project gives you numerous benefits as a learner and as an individual. The qualification helps you: • develop knowledge and understanding of a specific topic through research • develop as critical, independent, self-evaluative learners by improving and reviewing your own learning and performance • develop your communication and presentation skills • demonstrate initiative, creativity and flexibility in responding to challenges and in applying new technologies, where appropriate • support your personal aspirations for higher education and employment

The Extended Project is the equivalent of half an A Level (50%)

Further information

Mr Haines

wjec
cbac

Sixth Form

# Making Memories, Creating Futures.

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