



# Bellerive Sixth Form



A large word cloud on a white wall features various terms in different sizes and colors (black, green, blue). The most prominent words include: **Hope**, **God**, **Faith**, **Gentleness**, **Companionship**, **Justice**, **Excellence**, **Jesu**, **Madeleine**, **Catholic**, **Zest for Life**, **Values**, **FCJ**, **Gospel**, **Community**, **Dignity**, **Education**, **Life**, **Staff**, **Experience**, **Inspire**, **Reflection**, **Leadership**, **Tradition**, **Irish**, **School**, **Gratitude**, **Love**, **Standards**, **Person**, **Confidence**, **Question**, **Open**, **Learning**, **Growth**, **Contribute**, **People**, **Example**, **Encourage**, **Jesus**, **Essential**, **Response**, **Place**, **Staff**, **Way**, **Grace**, **Aware**, **Aspire**, **Require**, **World**, **Provide**, **Spirit**, **Future**, **Reflection**. Other smaller words include: Dignity, Excellence, Switzerland, embrace, FCJ, Ignatian, Companionship, think, achieve, know, growth, potential, members, London, academic, talents, example, important, outstanding, opportunities, scholarship, formation, strong, help, leaders, interesting, teaching, experience, inspire, participate, Faith, reflection, expectation, Liverpool, Vision, Ireland, Hope, curriculum, formation, speak, society, children, decisions, celebrated, God, learning, community, FCJ, relationships, Justice, students, Faithful, Companions of Jesus, Ignatian, Invite, Education, Excellence, Jesu, knowledge, open, Dignity, person, Marie Madeleine, spiritual, growth, learning, possible, contribute, grace, new, talents, Catholic, distinctive, develop, confidence, people, Zest for Life, essential, response, encourage, Jesus, example, love, standards, person, confidence, question, open, learning, possible, contribute, grace, new, talents, Catholic, distinctive, develop, confidence, people, Zest for Life, essential, response, encourage, Jesus, example.



# Welcome

## from the Director of Sixth Form



Bellerive FCJ Catholic College 6th Form is very successful because we are a small Sixth Form that focuses on the individual.

We offer the full range of A- Levels and have extended our curriculum to offer more Applied General, and A-Level qualifications.

As a small Sixth Form, we support our students to ensure all our students are successful during their time with us. We are very proud of our impressive track record of success in educating and equipping our students to fulfill their dreams and aspirations whatever their desired direction in life.

We believe that the following ingredients enable our Sixth Form students to be so successful:

### Personalised Support

Our Sixth Form Pastoral support is outstanding. We provide one to one help with your UCAS application. Each student has a form tutor who supports them during their two years in our Sixth Form. All our form tutors provide advice to our students around their next steps and take particular interest in the progress of all of their students. We also have an excellent PSHE programme of study, which we feel is essential to the education of the whole person.

### Our Class Sizes are small

On average we have between ten and twelve students in every Sixth Form class. This allows our staff to give the maximum amount of personalised support and to provide all students with the platform to achieve their academic potential.



### Caring Environment

We know our students as individuals and treat them accordingly. The staff are always available to offer subject support to ensure that any gaps in knowledge are dealt with early to avoid future problems. This dedication to our students in supporting their progress sets us apart from other colleges. We know the strengths and weaknesses of our students and work with them to achieve their goals.

### How does this benefit our students?

Many of our Sixth Form students go to Russell Group Universities. Any of our students who want to study degree apprenticeships are guided in order to do so.

Although we are a small Sixth Form, we offer a full range of courses in a supportive environment. We have high expectations of our students. Our job is to enable our students to fulfill their dreams and aspirations. I would encourage you to study this prospectus and seek advice and guidance from our teachers and our Sixth Form staff.

We hold an Open Evening each year, or alternatively, please do contact me any time to arrange a visit.

**Mrs Jo Walker**  
Director of Sixth Form

Mrs J Walker - Director of Sixth Form  
Mrs C MacKenzie - Head of Year 13, Mrs H Hammond - Head of Year 12  
Mrs D Passmore - Sixth Form Administrator  
Tutor team - Specialist Sixth Form teachers



# Standards, Vision, Community

## High Standards

There are only a limited amount of places in Year 12 each year, so competition to get in is fierce. We expect the highest standards of academic performance both in GCSE qualifications and attitude to learning.

## Our Vision

“To provide an outstanding academic education for all our students so that they are able to make a valuable and positive contribution to our global community” We care about each and every one of our students as individuals.

To realise our vision, our aims are to:

- Help our students to achieve excellent examination results.
- Develop our students as leaders to have a positive impact on our society locally, nationally and internationally.
- Prepare students for the demands of the future
- Enhance our students’ skills for a lifetime of learning
- Offer our students the best possible advice, guidance and support
- Ensure that all are successful academically and personally.

## Our Community

The Sixth Form experience starts with the assumption that our students are young leaders, setting an example to the rest of the Bellerive community. Students enjoy some of the best facilities in Liverpool in our state of the art Sefton Park Building. The sixth form is very much a family: we all look out for each other.

- We aim to treat our students as adults with the support needed to progress.
- We aim for our students to reflect the expectations we have of our sixth form students to be leaders within the school community
- There is a different uniform.
- The enrichment programme offers students a range of activities designed to widen the experience and knowledge of students beyond their study programme.
- You have almost exclusive access to the Sixth Form facilities, including the Bistro, Common Room and study areas.

Our strong Catholic ethos underpins who we are. We aim to ensure that all that we do flows out of the FCJ values of **Companionship, Dignity, Excellence, Justice, Gentleness and Hope.**

We are a small sixth form and students value the opportunities this gives them to develop both academically, personally and socially within a close and supportive environment.



Companionship  
Justice Dignity  
Excellence  
Hope Gentleness

## Courses Available

### Academic Courses – A-Level

These qualifications focus on traditional study and the courses take two years to complete. There is a wide choice of academic subjects available. A-Levels are one route into Higher Education and are useful should you wish to go straight into employment. Entry requirements onto A' Level courses do differ and it is important to check the specific subject qualifications that are required to be able to proceed onto a course.

### Applied General Courses

These courses are designed as specialist qualifications for students who have a clear view of their future career or who are seeking progression to Higher Education. They are equivalent to A-Levels and are valued by Universities, Further Education colleges and employers. BTECs and Applied general qualifications are career related courses with a specific vocational context and can be combined with A-Levels.

### Level 3 Core Mathematics

This qualification will earn you 20 UCAS points. It is to aid students studying A-levels with some numeric content and to keep their mathematical knowledge up to date, for example in the Sciences, Business Studies, Geography, Sociology and Psychology. It is not for those taking A-Level Mathematics. Students study for 2 hours a week over 2 years.

### GCSE English or Maths

If a student has not achieved Level 4 in English or Maths then it is a requirement from the Department of Education that students take this qualification during their time in sixth form.

### Extended Project Qualification

This qualification is a stand-alone qualification which earns up to 20 UCAS points. Those students who are studying a pure A-Level combination will be encouraged to take the EPQ. The EPQ is designed for students to access key academic research skills, enabling them to develop as independent learners, and acts as a foundation exercise similar to a typical University dissertation.

Any student studying this qualification will be given support to complete it by a designated and specialist member of staff. It can be assessed through various mediums for example a presentation, essay, performance, or a collection of artwork.

Some examples of successful investigations for the EPQ that our students have completed are:

- Media influences on Serial killers (Psychological study)
- The influences and effects on drugs in Sport (Blood doping etc.)
- An investigation into the care plan differences of the NHS verses Private Health Care
- An investigation into Environmental Policies  
Cos Play Cultures (Arts project using sculptures)

When enrolling we will help you to select the combination of courses that are best for you.

The things to consider are:

- Does it help you get into the University course, career or job you want to do?
- Are you going to get good grades in that subject?
- Does the course suit your ability?
- Will you enjoy it?



# Getting into the Sixth Form

## Minimum Entry requirements for Bellerive FCJ Catholic College Sixth Form

5 GCSEs at or above grade 4 including English Language GCSE and Mathematics at grade 4 – then usually at least a grade 6 in the subjects you wish to study at A-Level (however each subject has their own set of requirements – please see subject pages)

In order to help ensure that students achieve well in the Sixth Form we have different routes depending on the GCSE grades you have achieved.

If you are a student who has achieved mainly grades 6, 7, 8 or 9 at GCSE, you will opt for 3 A-Levels, and continue on a two year Study Programme with an option of an enrichment activity.

If you are a student who has achieved mainly grades 5 or 6 at GCSE we would recommend a mixed programme of A-Level and Applied General qualifications.

If you are a student who has achieved mainly grade 4 at GCSE, our recommendation would be to study mainly Applied General qualifications (BTEC/OCR) with some work based learning in place.

## Different Routes through Sixth Form

At Bellerive FCJ Catholic College, we like to encourage all of our students to challenge themselves academically. To help those students applying to prestigious universities after leaving us we have set up a support programme to aid the higher ability students to gain places at these prestigious Universities.

## For the Students with Aspirations of going to the Top Universities:

If a student achieves grades 8/9 in 4 or more GCSEs, we will encourage you to embark on an academic study programme where you will receive: extra teacher support, additional courses, enrichment and opportunities that

provide the best possible preparation for entry to the most competitive universities and courses in the country. In particular you will have support in preparing a competitive application to the University of Cambridge or Oxford, or any of the other Russell Group Universities.

## We also provide:

- 1 to 1 guidance of personal support through the university application process, which will include coaching for interviews
- A visit to Oxford and/or Cambridge University or various Russell Group Universities
- A visit to at least one of the Russell Group universities
- Individual mentoring from former students
- An opportunity to complete the Extended Project Qualification (EPQ)
- Additional one-to-one tutorials with subject teachers to stretch and challenge academic achievement
- Motivational talks by guest speakers
- Personal guidance on applications for the most demanding university courses, including Medicine, Dentistry and Veterinary Science
- A one week work experience placement
- Enrichment activities with Faith partnership schools



## The Application Process

**Stage 1** – Apply

**Stage 2** – Interview

**Stage 3** – Conditional Offer

**Stage 4** – Taster Events

**Stage 5** – Enroll

Once a student has applied to our Sixth Form, they will be given an interview by one of our experienced Sixth Form team. They will guide the student through the right combination of subjects which will meet the entry requirements for University or future employment.

If a student meets our expectations in terms of likely GCSE results, plus their current attitude to learning and attendance is very good, they will then receive a conditional offer of acceptance. This means they will get a place providing their final GCSE results meet our criteria.

All applicants receiving a conditional offer will be invited into the Sixth Form for social events in the summer, to allow them to find out more about the Sixth Form enrichment activities and to meet some of the staff.

On GCSE results day we will confirm the applicant's place, provided the GCSE results meet our entry requirements, we will then enrol the student onto the A-Level and Applied General courses chosen.

### External Candidates

Students who have studied for their GCSE in other schools are welcome and encouraged to apply for places. If they meet the entry criteria and submit their application on time, they are treated like every other applicant.

As part of the induction process, we ensure all our Sixth Form students get to know each other, and mix well. External candidates have done very well at Bellerive FCJ Catholic College.

### Dates for your Diary:

<b>Events</b>	<b>Date</b>
Deadline for Sixth Form Applications	31st January 2020
Guidance Interviews Start	24th February 2020
Guidance Interviews Finish	20th March 2020
GCSE Results Day & 6th Form Enrolment	20th & 21st August 2020
First Day in Sixth Form	3rd September 2020



# Enrichment

Make your University or job application look even stronger.

Show that you are more than just someone who can get great grades.

Our Enrichment programme of study is an opportunity to embark on activities that will extend a student's repertoire outside of the curriculum subjects and to extend your UCAS application or Curriculum Vitae with more than qualifications. Every University looks for a well-rounded student who can prove that they have contributed to something other than their subjects, and/or have independently investigated aspects of their prospective profession. We offer this enrichment programme on a dedicated afternoon, in order to aid this process.

## Enrichment Activities that lead to a Qualification

### EPQ (Extended Project Qualification)

This qualification will gain 20 UCAS points for anyone completing it. It is for those studying pure A-Level routes, who are aiming for top Universities. A topic is chosen – according to interest areas, Sixth Form staff will give help and guidance.

### Work Experience/Placement

We do provide a work experience week in the summer term of Year 12, however, a work placement can be completed during the enrichment afternoon in addition to this. These placements allow students to show that they have worked in areas that suit their career plans. Past work placements have included shadowing consultants at hospitals, working with psychologists, working with professional fashion photographers and working alongside a top Barrister on a legal case from start to finish. Whatever your plans we will personalise this to you, and help to arrange it.

### Duke of Edinburgh Award

The Duke of Edinburgh Award runs through the school into the Sixth Form throughout the year. We are offering all awards from Bronze, Silver and Gold.

## Take Sign Language lessons

Certificated training in how to use sign language with those people who are hearing impaired. This is something that is becoming increasingly popular as a skill in any job.

## Sports

We offer a range of many different contact and non-contact sports. We can arrange this – on or off site.

## Sixth Form Student Committee & Senior Team

If a student were interested in becoming Head Boy/Head Girl or part of our Senior Team, we want our leadership team to change the Sixth Form and the world for the better. Students will organise events for the Sixth Form students or others in Years 7-11, plus tell us how to make the Sixth Form even better.

## Poetry and Literature

Students will read new and interesting books for pleasure and discuss them to look at the meaning and context of the work. This will make a huge difference to their depth of thinking and knowledge for A-Levels and further education. Reading for pleasure is also very enjoyable.

We will also tailor the Enrichment to the student, so if there were something specific that a student aimed to do, we will endeavour to accommodate.



# Bellerive Sixth Form

## Our Courses

### Our Current Courses: A-LEVEL

- Biology
- Chemistry
- Product Design
- English Language
- English Literature
- French
- Fine Art
- Further Mathematics
- Geography
- Government & Politics
- History
- Mathematics
- Music
- Philosophy & Ethics (Religious Studies)
- Physics
- Psychology
- Sociology
- Spanish

Core Mathematics (ADDITIONAL qualification available to anyone studying A-Levels with Mathematical content)

### UCAS Points for A level

A*	56
A	48
B	40
C	32
D	24
E	16

### Our Current Courses: BTEC/ OCR

- Applied Science – AQA Applied General Extended Certificate
- Performing Arts – BTEC National Extended Certificate
- Business Studies – BTEC National Extended Certificate
- Health and Social Care – BTEC National Extended Certificate
- ICT – BTEC National Extended Certificate
- Travel & Tourism – BTEC Subsidiary Diploma
- Sport – BTEC National Extended Certificate

### UCAS Points for BTEC/Applied General Courses

UCAS Points for National Extended Certificate

D*	56
D	48
M	32
P	16

All 6th form students are required to study General Religious Education for an hour per week as part of their 6th Form Study Programme.



# Biology

A 'Level Biology is a fascinating qualification if you are interested in the study of living things, anatomy, and the study of the human body. The study of A' Level Biology appeals to students who enjoy all sciences and are naturally inquisitive about the human body, the natural world and the myriad of organisms that populate our diverse planet. Biology is the study of living things and how they interact with the environment. The course is highly practical and our teaching ensures that all students studying this course are not only fully prepared for the examinations, but are immersed in the world of biology through the sheer enjoyment of the subject content. While studying this subject you are automatically enrolled onto our Science Academy enrichment programme in order to generate a real experience of Science, as well as studying in your curriculum time. This course is widely recognised with all prestigious Russell Group universities.

## QUALIFICATION – AQA - A LEVEL BIOLOGY

### Content of the Course

#### Summary of Content

#### Year 12 Biology

##### 1 - Biological molecules

3.1.1 Monomers and polymers

3.1.2 Carbohydrates

3.1.3 Lipids

3.1.4 Proteins

3.1.5 Nucleic acids

3.1.6 ATP

3.1.7 Water

##### 2 - Cells

3.2.1 Cell structure

3.2.2 Cells arising from cells

3.2.3 Transport across membranes

3.2.4 Cell recognition and the immune system

##### 3 - Organisms exchange substances with their environment

3.3.1 Surface area to volume ratio

3.3.2 Gas exchange

3.3.3 Digestion and absorption

3.3.4 Mass transport

##### 4 - Genetic information, variation and relationships between organisms

3.4.1 DNA, genes and chromosomes

3.4.2 DNA and protein synthesis

3.4.3 Causes of genetic diversity

3.4.4 Genetic diversity and adaptation

3.4.5 Species and taxonomy

3.4.6 Biodiversity

3.4.7 Investigating diversity

**Assessment: All external examination papers are sat at the end of the 2 year full A level programme.**

#### A Level – Year 13

##### Paper 1

Any content from topics 1–4, including relevant practical skills

written exam: 2 hours

91 marks

35% of A-level

Questions:

76 marks: a mixture of short and long answer questions

15 marks: extended response questions

##### Paper 2

Any content from topics 5–8, including relevant practical skills

written exam: 2 hours

91 marks

35% of A-level

Questions:

76 marks: a mixture of short and long answer questions

15 marks: comprehension question

## Year 13 A level

### **5 - Energy transfers in and between organisms**

- 3.5.1 Photosynthesis
- 3.5.2 Respiration
- 3.5.3 Energy and ecosystems
- 3.5.4 Nutrient cycles

### **6 - Organisms respond to changes in their internal and external environments**

- 3.6.1 Stimuli, both internal and external, are detected and lead to a response
- 3.6.2 Nervous coordination
- 3.6.3 Skeletal muscles are stimulated to contract by nerves and act as effectors
- 3.6.4 Homeostasis is the maintenance of a stable internal environment

### **7 - Genetics, populations, evolution and ecosystems**

- 3.7.1 Inheritance
- 3.7.2 Populations
- 3.7.3 Evolution may lead to speciation
- 3.7.4 Populations in ecosystems
- 3.8 The control of gene expression

### **Progression:**

A Level Biologists have a wide variety of options when choosing which subject to read at university such as; medicine, nursing, midwifery, genetics, environmental science, ecology, botany, paramedic science, pharmacology, physiotherapy, bio-medical science, veterinary science, marine biology, zoology and all life sciences.

This course provides a solid background for most science based degree courses. It is a requirement to at least AS Level by some universities for courses in medicine, dentistry, natural sciences and biological sciences.

## **Paper 3**

Any content from topics 1–8, including relevant practical skills

written exam: 2 hours

78 marks

30% of A-level

Questions:

38 marks: structured questions, including practical techniques

15 marks: critical analysis of given experimental data

25 marks: one essay from a choice of two titles

### **Entry Requirements:**

Minimum Grade 6 or above in GCSE Biology or 6/6 Combined Science.



# Chemistry

Chemistry is the study of the substances that make both us and the things that surround us. If we did not understand what these substances were or how they work we could not cure diseases, develop new materials or respond to and correct changes in our environment. The clothes we wear, the homes in which we live and the cars that we drive would not exist without chemists.

The study of chemistry gives you the opportunity to develop a wide range of key skills, including oral and written communication, working in teams, problem-solving and the use of IT. Chemistry is a very challenging subject but it can also be exciting, stimulating and enjoyable.

The study of Chemistry provides a sound basis for both science and non-science based degree courses. A good grade in Chemistry A-Level is a requirement of many science degree courses. In itself, the course is a fascinating exploration of how the atoms and molecules interact. It is made up of three specific areas, Inorganic, Organic and Physical Chemistry.

Chemistry is an experimental subject and all students will carry out 12 required practical activities. These will develop skills in the use of apparatus and specific techniques.

Mathematics is an integral part of chemistry and pupils will need to apply their mathematical skills. At least 20% of the marks in examinations for chemistry will require the use of mathematical skills. These skills will be applied in the context of chemistry and will be at least the standard of higher tier GCSE Mathematics. .

Students must be committed, well organised and hardworking. They should be prepared to attend all lessons and complete the assignments set to deadlines. Students must be well motivated and work independently.

## QUALIFICATION – AQA - A LEVEL CHEMISTRY

### Content of the Course

#### Year 12

##### Physical Chemistry

- 3.1.1 Atomic structure
- 3.1.1 Amount of substance
- 3.1.3 Bonding
- 3.1.4 Energetics
- 3.1.5 Kinetics
- 3.1.6 Chemical equilibria
- 3.1.7 Oxidation, reduction and redox

##### Year 2 Topics:

- 3.1.8 Thermodynamics
- 3.3.7 Optical isomerism
- 3.3.8 Aldehydes and ketones
- 3.3.9 Carboxylic acids and derivatives

##### Inorganic Chemistry

- 3.2.1 Periodicity
- 3.2.2 Group II
- 3.2.3 Group VII

#### Assessment:

##### Year 13 – A Level

##### Paper 1

What's assessed

- Relevant Physical chemistry topics (sections 3.1.1 to 3.1.4, 3.1.6 to 3.1.8 and 3.1.10 to 3.1.12)
- Inorganic chemistry (Section 3.2)
- Relevant practical skills

How it's assessed

- written exam: 2 hours
- 105 marks
- 35% of A-level

Questions

105 marks of short and long answer questions

## Organic Chemistry

- 3.3.1 Introduction to organic chemistry
- 3.3.2 Alkanes
- 3.3.3 Halogenoalkanes
- 3.3.4 Alkenes
- 3.3.5 Alcohols
- 3.3.6 Organic Analysis

## Year 13

### Physical Chemistry

- 3.1.8 Thermodynamics
- 3.1.9 Rate equations
- 3.1.10 Equilibrium constant  $K_p$  for homogeneous systems
- 3.1.12 Acids and bases

### Inorganic Chemistry

- 3.2.4 Properties of Period 3 elements and their oxides
- 3.2.5 Transition metals
- 3.2.6 Reactions of ions in aqueous solution

### Organic Chemistry

- 3.3.7 Optical isomerism
- 3.3.8 Aldehydes and ketones
- 3.3.9 Carboxylic acids and derivatives
- 3.3.10 Aromatic chemistry
- 3.3.11 Amines
- 3.3.12 Polymers
- 3.3.13 Amino acids, proteins, and DNA
- 3.3.14 Organic synthesis
- 3.3.15 Nuclear magnetic resonance spectroscopy
- 3.3.16 Chromatography

### Progression:

A good A-Level qualification in Chemistry is highly regarded by Employers and Universities because it demonstrates a very wide range of competences, both academic and personal. It is an essential qualification for progression into careers such as Medicine, Veterinary Science, Biomedical Science and Pharmacy. In addition it is desirable for the study of Engineering, Geology, Archaeology, Environmental Science, Dietetics, Nursing and Agriculture.

## Paper 2

What's assessed

- Relevant Physical chemistry topics (sections 3.1.2 to 3.1.6 and 3.1.9)
- Organic chemistry (Section 3.3)
- Relevant practical skills

How it's assessed

- written exam: 2 hours
- 105 marks
- 35% of A-level

Questions

105 marks of short and long answer questions

## Paper 3

What's assessed

- Any content
- Any practical skills

How it's assessed

- written exam: 2 hours
- 90 marks
- 30% of A-level

Questions

40 marks of questions on practical techniques and data analysis

20 marks of questions testing across the specification

30 marks of multiple choice questions

### Entry Requirements:

Minimum of Grade 6 or above in GCSE Chemistry or 6/6 in Combined Science and a grade 6 in Maths



# Product Design

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Product Design is for students who have a creative flair and interest in designing, are visual, practical and enjoy making and creating products. You will be encouraged to increase and develop a variety of technical skills including the use of Cad/Cam. The emphasis on design development is supported by access to trend forecasting material and opportunities to use a wide range of media including 3D modelling and laser cutting.

The lessons will be a mixture of teacher-led activities and workshops. You will be expected to work independently and to be organised when planning your work. The course content is a mixture of written and practical units which are examined externally. Coursework is structured into mini projects to enable you to be creative and expressive plus explore related technical and industrial practices which strengthen and support knowledge required for the final exam.

Trips throughout the course such as shop visits, factory visits, exhibitions, and Manchester Universities reinforce this knowledge. In addition your products will be shown on two catwalk events during your first year of which you will be solely responsible for styling the model.

**QUALIFICATION – AQA - A LEVEL**



# Bellerive Sixth Form

## Content of the Course

### Year 12

#### Unit 1

Advanced innovation challenge (3 parts)

3 Projects set by teacher :

Part 1: Working with Wood

Part 2: Working with Plastics

Part 3: working with Metal

#### Unit 2

2 hour exam focussing on materials and components

#### Progression:

Students can progress onto future creative university courses. There are also many career opportunities as remember most of what is around us has been designed by someone. Excellent openings await in the textiles world, some examples are: Fashion designer, costume designer, fashion buyer, fashion stylist, fabric technologist, fabric testing, freelance designer, footwear designer, smart technologist, fashion merchandising and window dresser. Alternatively working in the media, magazines or television as film set designer, theatre designer, costume restorer, fashion journalism, fashion photographer or working on exhibits for museums and galleries. This course would also suit those wanting to pursue a career in teaching or community arts.

### Year 13

#### Unit 3

Design, make and evaluate

Coursework project and prototype

#### Unit 4

Product Design 2

Written 2 hour exam based on 8 focus areas related to Product Design

#### Entry Requirements:

Minimum of Grade C in GCSE Product Design and C in English.



# Art and Design

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Students studying art and design in year 12 and year 13 will study Fine Art. The course is structured so that 60% of the final marks are for course work and 40% is for an externally set assignment.

## Year 12

Students will be introduced to a variety of experiences that explore a range of fine art media, processes and techniques. They will explore the use of drawing for different purposes, using a variety of methods and media on a variety of scales.

Students will explore relevant images, artefacts and resources relating to a range of art, craft and design, from the past and from recent times, including European and non-European examples. This will be integral to the investigating and making processes. Students' responses to these examples must be shown through practical and critical activities that demonstrate their understanding of different styles, genres and traditions.

## Year 13

Students are expected to be aware of the four assessment objects, and they should be aware of the importance of process as well as the final product.

Students are required to work in one or more area(s) of fine art, such as those listed below.

They may explore overlapping areas and combinations of areas:

- drawing and painting
- mixed-media, including collage and assemblage
- sculpture
- installation
- printmaking (relief, intaglio, screen processes and lithography)

Students will show knowledge and understanding of:

- how ideas, feelings and meanings can be conveyed and interpreted in images and artefacts in the chosen area(s) of study within fine art
- historical and contemporary developments and different styles and genres
- how images and artefacts relate to social, environmental, cultural and/or ethical contexts, and to the time and place in which they were created
- continuity and change in different styles, genres and traditions relevant to fine art
- a working vocabulary and specialist terminology that is relevant to their chosen area(s) of fine art.

There is synoptic assessment in both components of the A-level that provide stretch and challenge opportunities for students as follows:

**Component 1:** students develop work based on an idea, issue, concept or theme leading to a finished outcome or a series of related finished outcomes. Practical elements should make connections with some aspect of contemporary or past practice of artist(s), designer(s), photographers or craftspeople and include written work of no less than 1000 and no more than 3000 words which supports the practical work.

**Component 2:** students respond to a stimulus, provided by AQA, to produce work which provides evidence of their ability to work independently within specified time constraints, developing a personal and meaningful response which addresses all the assessment objectives and leads to a finished outcome or a series of related finished final outcomes.

## QUALIFICATION – AQA - A LEVEL



## Music

The Music A level course is one which combines academic, practical and creative study. Studying music can give you a great mix of social, technical, communication, self management and business skills. Music will help you build your problem solving, research, planning, analytical and critical thinking skills, as well as develop your creativity.

### QUALIFICATION – AQA - A LEVEL

#### Content of the Course

##### Year 12

##### Component 1: Appraising Music 40%

- Compulsory Area of Study 1(a): Baroque Solo Concerto Set works by Purcell, Vivaldi and Bach Compulsory
- Area of Study 1(b): The Operas of Mozart Set work: Le nozze di Figaro, Act I
- Compulsory Area of Study 1(c): Nineteenth Century Piano Music Set works by Chopin, Brahms and Grieg

Optional areas of Study (choose two):

- **Pop Music** Stevie Wonder, Joni Mitchell, Muse, Daft Punk, Beyoncé, Labrinth
- **Music for Media (Film & Gaming)** Bernard Hermann, Thomas Newman, Hans Zimmer, Michael Giacchino, Nobuo Uematsu
- **Music for Theatre** Kurt Weill, Richard Rodgers, Stephen Sondheim, Claude-Michel Schönberg, Jason Robert Brown
- **Jazz** Louis Armstrong, Duke Ellington, Charlie Parker, Miles Davies, Pat Metheny, Gwilym Simcock
- **Contemporary Traditional Music** Astor Piazzolla, Toumani Diabaté, Anoushka Shankar, Mariza, Bellowhead
- **Art Music Post-1910** Shostakovich, Messiaen, Steve Reich, James MacMillan

##### Component 2: Performance 35%

- A minimum of 10 minutes of performance is required. (Grade 5+ standard expected)
- Solo and/or ensemble performing as an instrumentalist or vocalist.

##### Component 3: Composition 25%

- 2 compositions, one free and one to a brief.
- Minimum of 4 and a half minutes of music in total is required.

##### Progression:

##### What Careers is Music Good for?

Music graduates have a wide range of career options available to them both inside and outside the industry, including: performer, teacher, administrator, songwriter, conductor, composer, recording engineer, manager, promoter, or music publisher. There are also more jobs than ever in music business related areas, such as: careers in digital marketing, social media, PR, technology, label services, ticketing and merchandising. It is also common to find music graduates in consultancy, finance, banking, music therapy and legal jobs.

##### What Subjects does Music go with?

Music complements a range of commonly required A-level subjects like Maths, Physics, Chemistry, Biology, English, History, and MFL. These are also known as 'facilitating subjects', and selecting a good mix can help keep degree choices wide open. Music is a traditional academic subject recognised by all universities, including Oxbridge.

##### Entry Requirements:

GCSE Grade 6.

# English Language

Are you interested in why certain people speak the way that they do? Have you ever noticed how men and women speak differently? Do you know what makes a good communicator? Are you sure you know your nouns from your verbs? If you would like to explore these questions and are eager to find out more, then this course should be on your list of A' Level considerations. However, like many A' Level subjects, English Language A-Level is very different from its GCSE counterpart. It is challenging at times and analysis is a major part of the course. You will encounter countless texts of a variety of different genres - and not only written data either.

You will be assessed through examination at A' Level. In addition, there are two pieces of non-exam assessment at A' Level in the form of an investigation and a creative writing piece. You will need to be prepared to work in a group and be motivated to work individually and essentially, you must be capable of meeting all deadlines. In return, you will learn gain a fascinating insight into how language works and how English varies due to gender, age, location and time. This is prestigious A Level to have in your academic portfolio and opens a vast list of university courses and employment opportunities.

## QUALIFICATION – AQA - A LEVEL

### Content of the Course

#### Year 12

##### **Paper 1: Language, the Individual and Society**

Section A: Textual Variations & Representation

Topics covered include how language is shaped according to audience, purpose, genre and mode.

Section B: Children's Language Development

The unit also explores how children's language develops; how children learn, understand and express themselves through language.

##### **Paper 2: Language Diversity and Change**

Section A: Diversity and Change

This unit explores language in its wider social and geographical context and studies, including how identity is constructed and attitudes to language diversity.

Section B: Language Discourses

Analysis of how language is used in texts to present attitudes, ideas and opinions. This section will also include directed writing tasks.

##### **Non-Examination Assessment: Language in Action**

A language investigation into a chosen topic of interest and the production of a piece of original writing with accompanying commentary.

##### **Progression:**

Many career opportunities are open to you with AS/A2 English Language such as Journalism, Media, Writer, Advertising Executive, PR Officer, Librarian, Law, Business and Education. This course will also enable you to progress onto a degree course in English related studies.

### Assessment

#### Year 13

Two papers, each of 2 ½ hours, each 40% of A Level, plus non-examination Assessment, 20% of A Level

##### **Entry Requirements:**

Minimum of Grade 6 or above in GCSE English Language

## English Literature

Working from the belief that no text exists in isolation but is the product of the time in which it was produced, English Literature A' Level encourages you to explore the relationships that exist between texts and the contexts within which they are written, received and understood. Studying texts within a shared context enables you to investigate and connect them, drawing out patterns of similarity and difference using a variety of reading strategies and perspectives.

Delivery of this course is via teacher-led lessons, workshops, and presentations. You will need to be prepared to work in a group, be motivated to work individually and, essentially, you must be capable of meeting deadlines. You will be assessed through examination at A' Level and, through non-examination assessment.

Complementing your studies, there will also be possibilities for theatre visits throughout the course, especially if a relevant production begins locally.

### QUALIFICATION – WJEC/Eduqas - A LEVEL

#### Content of the Course

##### Component 1: Poetry.

30% of qualification.

##### Component 2: Drama.

30% of qualification.

##### Component 3: Unseen texts.

20% of qualification.

##### Component 4: Prose study.

Non-exam assessment. 2500-3500 words.

20% of qualification.

#### Progression:

Many career opportunities are open to you with AS/A2 English Literature such as Journalism, Media, Writer, Advertising Executive, PR Officer, Librarian, Law, Business and Education. This course will also enable you to progress onto a degree course in English related studies.

### Assessment

#### A Level

##### Paper 1: Poetry. Written examination. 2 hours

*Section A:* Poetry pre-1900 (open-book, clean copy) One two-part question based on the reading of one pre-1900 poetry text from a prescribed list.

*Section B:* Poetry post-1900 (open-book, clean copy) One question from a choice of two based on the reading of two post-1900 poetry texts from a prescribed list.

##### Paper 2: Drama. Written examination. 2 hours.

*Section A:* Shakespeare (closed-book) One two-part question based on the reading of one Shakespeare play from a prescribed list.

*Section B:* Drama (closed-book) One question from a choice of two based on the reading of a pair of plays: one pre-1900 and one post-1900, from a prescribed list.

##### Paper 3: Unseen texts. Written examination. 2 hours.

*Section A:* Unseen prose. One question from a choice of two, analysing an unseen passage of prose, taken from one of two prescribed periods for study *Section B:* Unseen poetry One question from a choice of two, analysing an unseen poem or poetry extract.

#### Non-exam assessment:

One 2500-3500 word assignment based on the reading of two prose texts from different periods, one pre-2000 and one post- 2000, nominated by the centre.

#### Entry Requirements:

Minimum of Grade 6 or above in GCSE English Language and GCSE English Literature.

You will also need to be an avid reader and be willing to read widely around the set texts and within the genres.

# French

French is one of the most widely spoken languages in the world and is a key language for international communication. It is a native language in France, Belgium, Switzerland, Canada and the French Caribbean and an official language in many African and Asian countries. By studying this language at A Level, you will get inside the culture and society. Speaking more than one language at this level is a commendable skill which will increase your employability. Some universities and employers prefer candidates who speak one or more foreign languages as the global economy depends on communication.

## QUALIFICATION – AQA - A LEVEL FRENCH

### Content of the Course

#### Year 12

Social issues and trends

1. Aspects of French-speaking society
  - The changing nature of the family
  - The 'cyber-society'
  - The place of voluntary work
2. Artistic culture in the French-speaking world
  - A culture proud of its heritage
  - Contemporary francophone music
  - Cinema: the 7th art form
3. Grammar

Film Study

Literature Study

#### Year 13

Social Issues and Trend

1. Aspects of French-speaking society
  - Positive features of a diverse society
  - Life for the marginalised
  - How criminals are treated
2. Aspects of political life in the French-speaking world
  - Teenagers, the right to vote and political commitment
  - Demonstrations, strikes – who holds the power?
  - Politics and immigration
3. Grammar

#### Progression:

University Degree in French or related subjects.  
Many good jobs await including; Banking, Media, IT/Telecommunications, Sales and Marketing, Tourism, Publishing, Journalism, Various EU organisations, Government services, Business Studies, Engineering

### Assessment

#### Year 13 - A Level

##### **Paper 1: Listening, reading and writing:**

Assessed

Written exam: 2 hours 30 minutes

100 marks in total, 50% of A-level

##### **Paper 2: Writing**

Assessed

Written exam: 2 hours

80 marks in total, 20% of A-level

##### **Paper 3: Speaking**

Assessed

Oral exam: 21–23 minutes (including 5 minutes preparation time)

60 marks in total, 30% of A-level

#### **Entry Requirements:**

Minimum grade 6 in GCSE French and English Language.

## Further Mathematics

A-Level Further Mathematics is regarded very highly by both universities and employers. The opportunity to deepen your knowledge and understanding of mathematics through solving sophisticated abstract problems is one that further mathematics students typically relish. Students who choose this course often say it is their favourite subject. To study further mathematics you will be required to select A Level Mathematics to gain the pre-requisite understanding of certain elements of the course.

### QUALIFICATION – EDEXCEL – A-Level Further Mathematics

#### Content of the Course

The new Further Mathematics comprises some compulsory content and some optional content. The compulsory content is as follows:

Further Pure Mathematics

- Proof
- Complex numbers
- Matrices
- Further Algebra and Functions
- Further Calculus
- Further Vectors
- Polar Coordinates
- Hyperbolic functions
- Differential equations
- Trigonometry
- Coordinate geometry

There is also optional content which can be studied from two of the following three areas of mathematics: Further Statistics, Further Mechanics or Decision Mathematics.

#### Progression:

Success in Further Mathematics opens up many university and career opportunities. Although further mathematics is traditionally linked with engineering, mathematics and computing it is also highly valued in fields such as financial and economic planning, scientific and industrial research and management services. It is a foundation subject for mathematics related degrees.

#### Assessment

To study Further Mathematics it is a prerequisite that students also study A-level Mathematics (see Mathematics course description).

The Further Mathematics qualification is made up of four papers each 1 hour and 30 minutes long and each count for 25% of the total A Level qualification.

**Paper 1** and **Paper 2** cover the Further Pure Mathematics part of course. They are the compulsory papers.

**Paper 3** and **Paper 4** will be from the two option subjects: Further Statistics, Further Mechanics or Decision Mathematics.

#### Entry Requirements:

Minimum grade 8 in GCSE Mathematics

# Geography

There has never been a better or more important time to study Geography. With growing interest in issues such as climate change, migration, environmental degradation and its impact on people, geography is one of the most relevant courses you could choose to study. Geographers are also highly employable.

Whatever your passion be it a fascination with landscapes or concerns about the inequalities of the world, geography is full of topics that will provide you with knowledge and skills that will reward you personally as well as offer great job opportunities. Geography also offers the opportunity to study inside and out of the classroom through the required four days of fieldwork, or through enrichment visits, for example Iceland.

## QUALIFICATION –AQA – A' Level in Geography

### Content of the Course

#### Year 12

##### Physical topics

Hot desert environments and their margins  
Hazards

##### Human topics

Contemporary urban environments  
Changing places

##### Non Exam Assessment (NEA) - Geography fieldwork

#### Year 13 NEA (continued)

##### Physical topics

Hazards (continued)  
Water and carbon cycles

##### Human topics

Non Exam Assessment (NEA)  
- Geography fieldwork  
Global systems and global governance

*Geographical skills are taught within the topics, and assessed in the exam and NEA.*

##### Progression:

University Degree in a geography or related subjects.

Many good jobs await including; Surveyor, cartographer, environmental consultancy, town planner, landscape architect, planning and development surveyor, nature conservationist, tourism officer, transport planner.

### Assessment

#### Year 13

##### A Level Component 1

Questions from water and carbon cycles, hot desert environments, coastal systems and landscapes, hazards or ecosystems under stress, cold environments

##### Written exam: 2 hour 30 minutes

40% of A Level

##### A Level Component 2

Questions from global systems and global governance, changing places, geography fieldwork investigation and geographical skills.

##### Written exam: 2 hour 30 minutes

40% of A Level

##### A Level Component 3: Geographical Investigation (3000-4000 words)

20% of A Level

##### Entry Requirements:

Minimum grade C in GCSE English Language. Ideally a B in Maths, and Geography at GCSE.

## Government & Politics

A Level Politics is a new and increasingly popular academic course. It is an excellent A Level to have and marries well with other arts-based subjects. It gives students the opportunity to study a broad range of relevant and contemporary ideas, institutions, processes and issues to support learning about politics. Likewise, assessments will develop students' skills in critical thinking and analysis, using a variety of question types, sources and materials.

A Level Politics would be ideal for any student who takes an interest in the world around them. We welcome students who enjoy reading, debating and who are keen to develop their own ideas.

### QUALIFICATION – EDEXCEL – A-Level Politics

#### Content of the Course

A Level Politics comprises of 3 components:

##### **Paper 1: UK Politics**

1. Political Participation, students will study:
  - democracy and participation, political parties, electoral systems, voting behaviour and the media.
2. Core Political Ideas, students will study:
  - conservatism, liberalism, socialism.

##### **Paper 2: UK Government**

1. UK Government, students will study:
  - the constitution, parliament, Prime Minister and executive, relationships between the branches.
2. Non-core political ideas, students will study:
  - one idea from the following: anarchism, ecologism, feminism, multiculturalism, nationalism.

##### **Paper 3: Comparative Politics**

Students will study the US Constitution and federalism, US Congress, US presidency, US Supreme Court and civil rights, democracy and participation, comparative theories.

##### **Progression:**

Politics A Level combines well with most other subjects and can equip students for a wide range of careers, the most obvious being: politics and law; journalism; teaching; civil service; business; local government and archaeological work. It also provides excellent training for management posts or for any position which involves evaluation of evidence and informed decision making.

#### Assessment

Assessment at A Level will be three written examinations all 2 hours long and equal to 33 1/3% of the A Level each.

Examinations consist of a number of essays. All questions assess AO1 (Knowledge and Understanding) AO2 (Analysis) and AO3 (Evaluation).

##### **Entry Requirements:**

Students opting to study A Level Politics require a minimum of 5 GCSE passes at Grade 5 or above. A grade 6 or above in GCSE History, Mathematics and English Language is essential.

Students should possess a genuine interest in politics and be prepared to participate in classroom discussions and debates, in addition to reading widely. It is essential to keep up to date with political current affairs in the UK and the wider world.

# History

A Level History is a well-established, academic course that remains one of the preferred A Level options for related courses at the top universities. It is a facilitating subject and opens up access to Russell Group study.

This A Level History course enables students to consider aspects of British and World History in depth and breadth, and to make links across the topics. It will also enhance students' understanding of key historical and political concepts, and helps to develop key skills in written and oral communication, research methods, and critical thinking.

We welcome students who enjoy reading, debating, and who are keen to develop their own ideas about key topics, based on sources and independent research. Communicating your ideas clearly and studying independently are vital skills for successful history students.

## QUALIFICATION – EDEXCEL – A-Level History

### Content of the Course

A Level History comprises of four components:

**Paper 1: Breadth study with interpretations**

Britain transformed 1918-97

**Paper 2: Depth Study**

The USA, c1920-55: boom, bust and recovery

**Paper 3: Themes in breadth with aspects in depth** Rebellion and disorder under the Tudors 1485-1603

**Coursework** Extended essay based upon independent research of Ireland

**Progression:**

History A Level combines well with most other subjects and can equip students for a wide range of careers, the most obvious being: law, journalism, teaching, politics and archaeological work. It also provides excellent training for management posts or for any position which involves evaluation of evidence and informed decision making.

### Assessment

Assessment at A Level will be three written examinations and an independent study assessed through coursework:

**Paper 1 30%** - Britain transformed 1918-97

**Paper 2 20%** - The USA, c1920-55: boom, bust and recovery

**Paper 3 30%** - Rebellion and disorder under the Tudors 1485-1603

**Coursework 20%** - A 3000-4000 word extended essay based upon independent research

**Entry Requirements:**

Students opting to study A Level History require a minimum of 5 GCSE passes at Grade C or above. A grade B or above in GCSE History, Mathematics and English Language is essential.

Students should possess a genuine interest in history and be prepared to participate in classroom discussions and debates, in addition to reading widely in order to appreciate different historical perspectives and interpretations of the topics studied.



## Mathematics

Mathematics is a very popular A-level which is held in regard by universities and businesses alike. It is known as a facilitating subject, which means that it helps students to study many other subjects and to pursue different careers. It is one of the best subjects to develop your analytical, research and problem solving skills. Not only will mathematics give you the knowledge to tackle scientific, mechanical, coding and abstract problems, it will also help you develop logic to tackle everyday issues like planning projects, managing budgets and even debating effectively.

### QUALIFICATION – Edexcel – A-Level Mathematics

#### Content of the Course

Mathematics is taught purely as a two-year A-Level course. The content is as follows:

##### Pure Mathematics

- Proof
- Algebra and functions
- Coordinate geometry in the (x,y) plane
- Sequences and series
- Trigonometry
- Exponentials and logarithms
- Differentiation & Integration
- Numerical methods
- Vectors

##### Mechanics

- Quantities and units in Mechanics
- Kinematics
- Forces and Newton's Laws
- Moments

##### Statistics

- Statistical Sampling
- Data presentation and interpretation
- Probability
- Statistical distributions
- Statistical hypothesis testing

##### Progression:

Success with A-level Mathematics opens up a range of university and careers opportunities. It is recommended and sometimes required for subjects such as Computer Science, Accounting, Actuarial Science, Chemistry, Biology and Life Sciences, Medicine, Nursing, Dentistry, Business Studies, Management Studies, Architecture, Geology, Psychology, Surveying and even Philosophy.

In terms of careers, people with Mathematics qualifications can go into: medicine, engineering, forensic pathology, finance, business, consultancy, teaching, IT, games development, scientific research, programming, design and construction to name a few.

#### Assessment

Students will be required to complete 3 examination papers at the end of the two-year course. Each counts towards a third of the overall grade and lasts for 2 hours.

**Paper 1 and 2** will cover the Pure Mathematics part of the course.

**Paper 3** is a paper that will test the Mechanics and Statistics Component of the A-Level

##### Entry Requirements:

Minimum grade 7 in GCSE Mathematics.

# Physics

If you are a student interested in the natural world and want to deepen your understanding of the rules that the physical world follows, you will enjoy this course. Studying Physics provides a desirable background for many degree courses, including Engineering, and is excellent preparation for a wide range of careers relating to science.

The lessons will be a mixture of teacher-led activities and discussions, numerical tasks, practical experimental work and research ideas. At times, you will be expected to work in a group and at other times, individually. There are 12 required practicals which you must complete over the two year course. You will achieve a pass or fail in practical assessment; and these practical investigations and skills will be assessed in your exam.

## QUALIFICATION – AQA – A- LEVEL PHYSICS

### Content of the Course

#### Year 12

1. Practical skills
2. Particles and radiation
3. Electromagnetic Radiation and Quantum Phenomena
4. Waves
5. Mechanics
6. Materials
7. Electricity

#### Year 13 – A level

8. Further Mechanics
9. Thermal Physics
10. Gravitational and Electric Fields
11. Capacitors
12. Magnetic Fields
13. Nuclear Physics

#### Option

14. Turning points in Physics

#### Progression:

A' Level Physicists have great flexibility in the choice of university and in a subsequent career which can include engineering, pilot studies, astrophysics, robotics, radiography, quantity surveying, architecture and construction, electronics, technology and telecommunications.

### Assessment

#### Year 13 – A Level

##### Paper 1

34% of A level – 2 hours.

Assessed on all AS topics and Further Mechanics. 85 marks (60 short/long answers and 35 multiple choice).

##### Paper 2

34% of A level – 2 hours.

Assessed on all A2 topics apart from Further Mechanics and the option (Turning Points). 85 marks (60 short/long answers and 35 multiple choice).

##### Paper 3

32% of A level – 2 hours.

Assessed on practical skills, data analysis and option unit (Turning Points in Physics).

80 marks (45 on practical and 35 on option unit).

#### Entry Requirements:

Minimum Grade 7 or above in GCSE Science/ Combined Science and Grade 6 in Mathematics.

We highly recommend that you also select A Level Mathematics to complement your understanding of certain aspects of the course.

## Psychology

Psychology is the scientific study of the mind and behaviour. It affects all of us and therefore all of us already have some understanding of how it affects us in everyday life...even though we may not know it! It examines the motivations behind why we do the things we do, and how we can change our behaviour if we need to. If you are the kind of person who wants to look deeper beyond the surface, explore the causes of behaviour, challenge your perceptions, your stereotypes and your beliefs then this is the subject for you.

The study of Psychology will give you a clearer understanding of the people you live with, your friendship groups, your own behaviour and why sometimes you do things and have no idea why. It is a fundamental part of any job which involves working with people and has expanded so much in the last fifty years that Psychology is involved in almost every job you could ever do. From advertising to nursing, police work to the sports industry, retail to teaching, Psychology will help you communicate, understand the motivations of others and help you get the best out of those you live and work with.

### Teaching and Assessment

Teaching is delivered in small groups by lectures, interaction, activity learning, practical investigations and personal student research. Assessment is through regular submission of past questions and exam practice. This is a mixture of some shorter questions and extended writing essays.

### QUALIFICATION – AQA – A-Level

#### Content of the Course

##### Year 12

1. Social influence
2. Memory
3. Attachment
4. Psychopathology
5. Approaches in Psychology
6. Biopsychology
7. Research methods
8. Issues and debates in psychology

##### Option 1

##### Relationships

This topic explores the psychology behind relationships and includes topics such as how relationships form, how they are maintained, why they break down, theories of love and internet relationships.

##### Progression:

##### Vocational Progression

Various Degrees or Vocational Courses  
Psychologists are highly valued, and studies in this subject prepare you for a variety of courses in Higher Education which include Psychologists, Childcare, Law, Criminology, Teaching, Nursing, Police force, Prison Service, Social Work and Marketing to name but a few. Any career that involves the interaction of people is one that would benefit from a psychological insight.

#### Assessment

##### Year 13

##### Option 2

##### Schizophrenia

This topic explores Schizophrenia as a mental disorder including, clinical characteristics, issues around diagnosing schizophrenia, explanations for the disorder and treatments.

##### Option 3

##### Forensic Psychology

This topic explores the psychology of crime. It attempts to understand why people commit crime, the justice system, the role of eye witnesses, criminal profiling and ways to reduce crime.

##### Entry Requirements:

Grade 6 - Maths GCSE

Grade 5 - English GCSE

# Religious Studies/Philosophy & Ethics

Answer some of life's most fascinating questions whilst studying Philosophy, Ethics and Christianity at A Level. You will develop your ability to think logically and to critically evaluate through studying some thought provoking topics. Religion is a powerful influence in the modern world and it is important that we understand how it affects people's attitudes, behaviour and actions. Religious Studies is an A level for anyone who wants to be better informed about the world around them and consider quite literally 'the meaning of life'. You will be asked to explore some difficult ethical questions and consider the impact of them on others.

## QUALIFICATION - A Level

Exam Board: AQA A level (linear 2 year course – Code 7062) Religious Studies

Component 1: Philosophy of Religion and Ethics

Component 2: Christianity

## Content of the Course

Over the two years you will study:

### Philosophy of religion

- Philosophy of religion
- Arguments for the existence of God.
- Evil and suffering.
- Religious experience.
- Religious language.
- Miracles.
- Self and life after death.

### Ethics

- Ethical theories.
- Issues of human life and death.
- Issues of animal life and death.
- Introduction to Meta ethics.
- Free will and moral responsibility.
- Conscience.
- Bentham and Kant.

### Christianity (2B)

- Sources of wisdom and authority.
- God and ultimate reality.
- Self, death and the afterlife.
- Good conduct and key moral principles.
- Expression of religious identity.
- Religion, gender and sexuality.
- Religion and science.
- Religion and secularisation.
- Religion and religious pluralism

### Progression:

University Degree in a Philosophy / Religion/Theology or related subjects.

Many good jobs await including; Barrister, Civil Service, Health Service Manager, Local Government Officer, Marketing Executive, Teacher, Psychotherapist, Recruitment, Solicitor

### Famous people who have degrees in Philosophy or

### Theology and Religion:

Susan Sarandon, Maggie Gyllenhall, Matt Groening, Moby, Ricky Gervais, Martin Luther King, Yvette Cooper, Bruce Lee, Katy Brand.

## Assessment

### Two exams at the end of Year 13

#### A Level Paper 1 (Component 1)

##### Philosophy of religion and Ethics

3 hour written paper – 50% of A level (100 marks)

#### Section A: Philosophy of religion

Two compulsory two-part questions, each worth 10 marks and 15 marks.

#### Section B: Ethics and religion

Two compulsory two-part questions, each worth 10 marks and 15 marks.

#### A Level Paper 2 (Component 2)

##### Christianity and Dialogues

3 hour written paper – 50% of A level

#### A Level Paper 3 Development of religious thought.

2 written papers – 33.3% of AS level

**Section A: Study of Christianity** – two compulsory two-part questions, each worth 10 marks and 15 marks relating to Christianity (50 marks)

**Section B: The dialogue between philosophy of religion and religion** – one unstructured synoptic question from a choice of two (25 marks).

**Section C: The dialogue between ethical studies and religion** – one unstructured synoptic question from a choice of two (25 marks).

### Entry Requirements:

Minimum of Grade B in GCSE R.E and Grade B in English Language.

## Sociology

Sociology takes a look at the World around us. In terms of the history of life on Earth, it was only yesterday that we were living in caves! In what is really the blink of an eye, we have developed into a complex society with a wide number of problems and opportunities affecting our lives. These factors affect our lives with our families, friends, co-workers and communities on a day to day basis. Sociology helps us make sense of the societies we live in, and understand the culture and identity issues that affect us all. It is therefore relevant to all of us, and will appeal particularly to those students that want to know 'why?' It is a subject that provides an insight in to areas that will be relevant in professions such as Social Work, Nursing or Medicine. It is also relevant to areas of Marketing, Journalism, PR or Law. This scientific look at society provides us with the many answers to 'Why?' but, more importantly, also allows us to ask, 'What can we do about it?'

### QUALIFICATION – AQA - A' Level

#### Content of the Course

##### Year 12

##### Education

##### Methods in Context

##### Research methods

Option 1

##### Culture and Identity

This looks at our concepts of culture including subcultures and mass cultures. We discover how we are socialised in to forming an identity of, 'self' and how this relates to age, ethnicity, nationality, sexuality and social class.

##### Year 13

##### Crime and Deviance

Investigates crime, deviance and social control including recent patterns in crime. It looks at state crimes and human rights and leads on to prevention and punishment, the victims and the role of social agencies.

Option 2

##### The Media

What role does the Media play in modern society? How are various people represented in the Media? Who owns and controls it and who decides what content we get to see? The media is powerful within our society and we look at its relationship with us as an audience.

##### Progression:

Various Degrees or Vocational Courses

Sociology can lead you in to a number of careers including Social Work, Policing, Nursing, Medicine, Marketing, Law, PR or Journalism to name but a few! It is a versatile subject that opens up a wide variety of opportunities.

#### Assessment

Teaching is delivered in small groups by lectures, interaction, activity learning, practical investigations and personal student research. Assessment is through regular submission of past questions and exam practice. This is a mixture of some shorter questions and extended writing essays.

##### Entry Requirements:

6 - Maths GCSE

5 - English GCSE

# Spanish

A Level Spanish will allow you to develop your language skills to a high level and to deepen your understanding of the society and culture of Spain. Spanish is becoming of greater importance in Europe. Speaking more than one language at this level is a valued skill and increases your marketability. Some universities and employers prefer candidates who speak one or more foreign languages as the global economy depends on communication.

## QUALIFICATION – EDUQAS – A- Level Spanish

### Content of the Course

Throughout this 2 year course, pupils study 4 topics;

1. Social issues and trends: Being a young person in Spanish-speaking society
2. Political, intellectual and artistic culture : Understanding the Spanish-speaking world
3. Literature, art, film and music in the Spanish-speaking world : Diversity and difference
4. The two Spains: 1936 onwards

### Progression:

University Degree in Spanish or related subjects. Many good jobs await including; Banking, Media, IT/Telecommunications, Sales and Marketing, Tourism, Publishing, Journalism, Various EU organisations, Government services, Business Studies, Engineering

### Assessment

At the end of Year 13 you will have 3 examinations.

#### 1. Speaking

21-23 minutes

30% of qualification

Task 1

Presentation of independent research project and discussion on independent research project

Task 2

Theme-based discussion based on a stimulus card

#### 2. Listening, Reading and Writing

2 hours 30 minutes

50 % of qualification

Listening tasks

Reading tasks

Translation – from Spanish into English and English into Spanish 40 marks

#### 3. Writing

2 hours

20% of qualification

Two essays – one based on a literary work and the second on an additional literary work or film from the prescribed list 300 words each

### Entry Requirements:

Minimum grade 6 in GCSE Spanish and English Language.

## Applied Science

Do you have an enquiring mind, a passion for science and keep a keen eye on developments in the scientific world? If so, we run the ideal course for you, the Level 3 AQA Extended Certificate in Applied Science. This course offers you the chance to discover the applications of a range of different science subjects, not just the traditional Chemistry, Biology and Physics. The course is assessed by a combination of external examinations and internally assessed assignments, therefore you will need to be very organised and motivated to achieve success.

**QUALIFICATION - Applied Science – Level 3 Extended Certificate in Applied Science equivalent to 1 A' level.**

### Content of the Course

#### Year 12

Key concepts in science (written exam).  
Applied experimental techniques (portfolio).  
Science in the modern world (written exam with pre-release material).

#### Year 13

The human body (written exam).  
Investigating science (portfolio).  
Optional unit from either:  
Microbiology/Medical Physics/Organic chemistry (internally assessed).

#### Progression:

The Level 3 Extended Certificate in Applied Science is good preparation for many roles in the science sector, for example as a technician in the areas of a laboratory or industrial science. This qualification can also be used to progress onto Universities to study medically related degree courses such as Forensic Science, Biomedical Science, Pharmacy, Optometry, Radiography, Nursing or even chemistry related courses such as Pharmaceutical Chemistry. If you prefer to get a job after finishing Sixth Form you could work in:

- A research laboratory in pharmaceuticals
- A quality control laboratory in industrial manufacturing
- A materials testing laboratory in the construction, paper or plastics industry.

### Assessment

50% Externally assessed and 50% Internally assessed.

1. Externally assessed units are assessed by written examination.
2. Internally assessed units are set by AQA and externally moderated by AQA.

The overall qualification is graded as P, M, D and D\*.

(Learners must pass each unit in order to pass the qualification).

(Externally assessed units can be re-sat).

#### Entry Requirements:

Minimum 4 GCSE grades in: Science 4/4, 4 in Mathematics and 4 in English.

# Travel & Tourism

The Travel & Tourism industry is dynamic, wide-ranging and fast-growing. Studying this subject offers you a huge variety of employment opportunities. The course will help you on your way to a career in the travel and tourism industry, whether you go straight into employment or choose to study at a higher level at university. Even if you don't want to work in the industry, studying Travel & Tourism makes an interesting addition to your portfolio of qualifications.

Teaching and Assessment - You will be assessed through internally set assessments, with some external moderation each year. The coursework is intense and is focused on examining real travel and tourism issues and destinations to help you achieve the largest possible gains. The external unit in each year will assess your knowledge and understanding as well as your ability to apply what you know to real scenarios. The ability to manage your time well is important to ensure you achieve your full potential. Lessons will be a mixture of teacher led activity, workshops, visits and student investigations. At times you may work in a group and at other times individually..

## **QUALIFICATION - BTEC Level 3 Subsidiary Diploma in Travel and Tourism**

Equivalent to one A-Level. 6 units of which 4 are mandatory (M) with 2 optional topics (O).

## **Content of the Course**

### **Year 12**

1. Investigating the Travel and Tourism Sector (M): This unit enables learners to develop their knowledge and understanding of the travel and tourism sector, its component industries, their role and the interrelationships within the sector. Learners will develop knowledge and understanding of how the sector has developed over the last 50 years, what it is today and how it is being affected by current trends and factors.

2. The Business of Travel and Tourism (M): This unit will enable learners to gain knowledge and understanding about travel and tourism as a business and appreciate that travel and tourism organisations operate and have a role to play in a business environment.

They will learn about how travel and tourism organisations gain competitive advantage to meet their aims and be successful, and will demonstrate business skills in presenting a business case for a feasible business enterprise.

3. The UK as a Destination (M): This unit enables learners to develop their skills in locating destinations in the United Kingdom and also gain an overview of the UK tourism product and how it attracts and meets the needs of domestic and inbound visitors. Learners will develop their understanding of the factors that affect tourism to and within the UK. The unit supports the development of research skills through the exploration of UK tourist destinations and their locations.

### **Progression:**

You can progress onto many different courses available in further education or into direct access to one of the largest industries in the world - which employs a staggering 235 million people worldwide and which accounts for one in twelve jobs in the UK. A range of career opportunities awaits you ranging from Public Relations to Event Co-ordination; you will develop skills on this course that many employers are eager to recruit.



# Bellerive Sixth Form

## Assessment

### Year 13

4. Customer Service in Travel and Tourism (M): This unit enables learners to gain understanding of how excellent customer service contributes to the success of travel and tourism organisations. Learners will develop knowledge and skills to provide customer service and achieve sales in travel and tourism situations.

6. Preparing for Employment in Travel and Tourism (O): This unit will develop learners' knowledge about career opportunities in travel and tourism, and the stages of recruitment and selection. Learners will develop skills in applying for employment, and understanding of the factors that motivate employees and contribute to a positive working environment.

7. European Destinations (O): In this unit learners will gain skills to enable them to locate and explore the diverse destinations that make up the European travel market. They will develop their knowledge of the appeal of destinations for different leisure experiences and gain an understanding of the factors affecting the development and decline of selected destinations.

### Entry Requirements:

GRADE 4 OR ABOVE IN MATHS & ENGLISH

Ideally studied GCSE Leisure and Tourism, although not essential.



# BTEC Extended Certificate in ICT

Throughout the course you will be able to develop a common core of IT knowledge and study areas such as the relationship between hardware and software that form an IT system, managing and processing data to support business and using IT to communicate and share information. You will develop your knowledge and skills in IT systems, systems management and social media in business. This will enable you to progress to further study in the IT sector or other sectors.

In order to be successful on this course you will be expected to have a keen interest in IT and software.

## QUALIFICATION – BTEC NATIONAL EXTENDED CERTIFICATE IN ICT

### Content of the Course

#### Year 12

Creating Systems to Manage Information

Using Social Media in Business

#### Year 13

Information Technology Systems

Website development

#### Progression

If you are successful on this course you will open up several pathways for yourself. You can choose to go onto university and study I.T or Computing based courses, or even courses in digital media.

Jobs you could do include Database Administrator, Games Developer, Information Systems Manager, IT Consultant, Multi Media Programmer, Network Engineer, Systems Analyst or Developer, IT Sales or Training, Technical Author, Teacher or Lecturer.

### Assessment

#### Total of 360 GLH

Mandatory Unit – Computer based exam. The supervised assessment period is ten hours arranged over a number of sessions in a 1 week assessment period timetabled by the exam board.

#### 90GLH

Mandatory Unit

Controlled assessment – internally assessed and externally moderated.

#### 90GLH

Mandatory Unit – Written examination. 2 hours.

#### 120 GLH

Optional Unit -Internally assessed and externally moderated.

#### 60 GLH

#### Entry requirements:

Minimum Grade C in Maths and English.



# BTEC Level 3 National Extended Certificate in Sport

This stimulating and challenging vocational course is for students who intend to study for a degree or follow a career in Sport and Recreation.

360 Guided learning hours (445 TQT)

Equivalent in size to one A Level.

4 units of which 3 are mandatory and 2 are external.

Mandatory content (83%). External assessment (67%)

## What will I learn

This is a vocational course designed to develop both knowledge and practical skills in the Sport and Exercise Science industry. Students will explore topics such as the Anatomy & Physiology of Sport, Sports Leadership and Coaching for Performance. Learning is largely theory based, linking the subject areas to current and relevant practical sporting settings. Students will acquire knowledge via staff, individual and group research, visiting speakers, assessing elite performers and personal experience.

## Content of the Course

### Year 12

#### Unit 1 - Anatomy and Physiology

1.30mins written Exam - externally assessed unit

#### Unit 5 - Application of Fitness testing

#### Progression:

Studying BTEC Sport could lead to:

A degree in Sports Studies, Sport and Exercise Science, Sports Therapy, Sports Management or Sports Coaching and PE teaching.

Careers within the Fitness Training Industry, Leisure Centres, Sports Development and Coaching are also popular

#### Educational Experiences

Staff work to provide several educational experiences each year to enable students to contextualise their learning. These experiences may include visiting speakers, a visit to a local football academy and a visit to university sports science labs.

**The exam board for this course is Pearson BTEC.**

### Year 13

#### Unit 2 - Fitness Training and Programming for Health, Sport and Well-being

Externally assessed in 2.30 mins written assignment.

#### Unit 3- Professional Development in the Sports Industry

Internally assessed unit.

#### Entry Requirements:

Students wishing to do BTEC Level 3 courses, need to have (or expect to achieve) at least:

- Grade 4 or above including English and Mathematics
- Practical sporting ability is required.

Students must have a genuine interest in sport as much of the course will involve linking the theory learnt through sporting examples. Although students will not be directly assessed on their sporting ability, there are practical elements of the course that require students to be motivated, enthusiastic and able to regularly participate in practical lessons.

Students should be willing to take part in all practical activities and be able to work with others.

Students are encouraged to support the PE department in the delivery of extra-curricular clubs and assist during KS3/4 lessons.

Students take 4 units which consist of external examinations, written assignments, oral presentations and practical assessments and are expected to meet given deadlines.

# BTEC Extended Certificate in Performing Arts

Do you enjoy expressing yourself through performance? If so this could be the course for you. The BTEC Extended Certificate in Performing Arts course, enables students to push themselves in order to reach their highest potential whilst learning and exploring this demanding, exciting and rewarding art form. BTEC Nationals use a combination of assessment styles, to give students the confidence they can apply their knowledge to succeed in the workplace and have the study skills to continue learning on higher education courses and throughout their career.

**QUALIFICATION – The BTEC Extended Certificate in Performing Arts is equivalent to 1 A-level**

## Teaching & Assessment

### Year 12

Unit 1 - Investigating Practitioners' Work

Unit 2 - Developing Skills and Techniques for Live Performance

### Year 13

Unit 3 - Group Performance Workshop

Optional units - Contemporary Dance Technique or Acting Styles

## Vocational Progression

With this qualification you can progress onto a University to study Dance/ Acting or other performing arts degrees. Jobs that you can do with this qualification include Actor, Dancer, Community Arts Worker, Dance Therapist, Director, Choreographer, Arts Administrator, Broadcast Presenter, Teacher or Lecturer or Theatre Stage or Production manager.

## Teaching & Assessment

1. Assignments: Set and marked by the Centre and externally moderated. Students complete a series of practical, tasks set in a work-related scenario.
2. Controlled Assessment: Set and marked by the exam board. Students respond to a pre-released brief.

### Entry requirements:

In order to study this qualification, you will have needed to have gained at least level 5 or above in GCSE Drama or Dance.

# BTEC Level 3 National Extended Certificate in Business

The Extended Certificate (equivalent to one A-Level) is for learners who are interested in learning about the business sector alongside other fields of study. It gives students the opportunity to study real-world businesses and consider how and why businesses operate as they do.

## Content of the Course

### 4 units over the two year program

There are 3 mandatory units covering the key concepts of business

Unit 1: Exploring Business

Unit 2: Developing a Marketing Campaign

Unit 3: Personal and Business Finance

In addition to these there will be one additional optional unit such as Recruitment & Selection or Customer Service. All topic areas are studied in the context of real life business situations.

### What sort of work will I be doing?

Your work will consist of producing a 'portfolio' of work. This consists of a variety of written assignments as well as some verbal assessments such as presentations, interviews and group discussions that demonstrate your knowledge and skills and form the basis for the assessment of your grades. You will get your basic knowledge and understanding through combinations of class-notes, articles, internet research, videos and practical exercises.

### Entry Requirements:

5 GCSE's including English and Maths grade C or above.

## Assessment

The 4 units of work comprise of a written exam (Unit 3) and a written task (Unit 2) both assessed by the exam board and 2 units of coursework which are internally assessed and moderated by the board.

The weighting of the marks is 40/60 internal/external assessment. At the end of the course you will achieve an overall grade of Pass, Merit or Distinction which equates to E, C or A at A level.

### What skills will I develop during this course?

The BTEC Level 3 National Diploma in Business will provide the opportunity to develop your skills in numeracy, communication and IT as well as improving your study, presentation and research skills.

### Progression:

The BTEC Level 3 National Extended Certificate in Business is widely accepted and accredited by the great majority of universities as an excellent foundation for degree study. Business Studies is one of the fastest growing university subjects and one of the largest. You will be able to go on to a wide variety of degree courses in Business, Management and many related subjects or you can use your BTEC Level 3 National Extended Certificate in Business to access the professional world when you leave school. The BTEC Level 3 National Extended Certificate in Business will prepare you particularly for a career in Business, Management, Administration, Marketing, Human Resources etc., but wherever you end up working, it is likely to be in a business!

# BTEC Health and Social Care

If you want to work as a health and social care practitioner, then you need to develop a deep understanding of working with people in every stage of their lives. You will learn the key skills necessary to being an effective professional in promoting health care. Although it is generally accepted that there may be deterioration in health with age following adulthood, medical intervention means people are living longer and have better life prospects and these can be improved further through support from qualified and highly trained professionals, who can monitor and develop the health and wellbeing of individuals.

You will also learn about the roles and responsibilities of workers in this field and how they are regulated to achieve and maintain the highest standards of care.

**QUALIFICATION - Level 3 National Extended Certificate in Health and Social Care equivalent to 1 A' level.**

## Content of the Course

### Year 12

#### Unit 1 – Human Lifespan Development

Learning about human growth and development through the life stages, factors affecting human growth and development and the effects of ageing. This unit will develop your knowledge and understanding of patterns of human growth and development. You will explore the key aspects of growth and development, and the experience of health and wellbeing. You will learn about factors that can influence human growth and development as well as human health. Some of these are inherited and some are acquired through environmental, social or financial factors during a person's lifespan. You will learn about a number of accepted theories and models to explain and interpret behaviour throughout the human lifespan. In this unit, you will further explore the impact of both predictable and unpredictable life events, and recognise how they impact on individuals. You will study the interaction between the physical and psychological factors of the ageing process, and how this affects confidence and self-esteem, which in turn may determine how individuals will view their remaining years. This unit is externally assessed.

#### Unit 5 – Meeting Individual Care and Support Needs

In this unit, you will learn about the values and principles of meeting care and support needs and look at some of the ethical issues that arise when personalising care. You will examine factors that can impact the professionals who provide the care and support, and the challenges that must be overcome to allow access to good quality care and health services. You will explore the different methods used by professionals across all care services. You will reflect on these methods when you consider the importance of multi-agency working in providing a package of care and support that meets all the needs of individuals. This unit is internally assessed.

#### Progression:

The Level 3 National Extended Certificate in Health and Social Care is useful if you are intending to pursue a career in social care or healthcare, for instance as a social worker or a health visitor, practice nurse or occupational therapist. The qualification will also be invaluable if you wish to progress to higher education, to degrees in areas such as health and social care management, social work and nursing as you will develop excellent skills and knowledge of how to maintain the highest quality of care and implement this effectively.

## Content of the Course

### Year 13

#### Unit 2 – Working In Health and Social Care

This unit will help you to understand what it is like to work in the health and social care sector. When working for an organisation in this sector, you will have important responsibilities that you need to understand and carry out. These include maintaining the safety of and safeguarding individuals with health and social care needs, making sure that you properly handle their personal information and preventing discrimination towards them. You will need to understand how you will be accountable both to these individuals and the regulatory bodies that represent people who work in the health and social care sector. It is necessary for you to understand how your work will be monitored when you carry out a specific role such as nurse or social worker. You will study the range of roles and general responsibilities of people who work in health and social care settings. You will learn about the organisations that provide services in this sector, and the different settings in which these services are delivered according to the needs of the service user. You will learn about the ways these services are provided and also the barriers that can prevent people from getting the services they need. This unit is externally assessed.

#### Unit 14 – Physiological Disorders and their Care

In this unit, you will learn about the signs and symptoms of physiological disorders and how they are investigated and diagnosed. You will also learn about the different types of treatment and support available for individual service users, including surgery, rehabilitation and complementary therapies. You will create a treatment plan for a service user with a specific physiological disorder. This will help you understand the treatment and support strategies involved, the contributions of different professionals and the importance of providing individualised care. This unit will form a good basis for higher education study in health and social work courses and nursing qualifications. The information and activities will also help to prepare you for a variety of careers within the health and social care sector. This unit is internally assessed.

#### Entry Requirements:

Minimum 4 GCSE grades in: Science 4/4, 4 in Mathematics and 4 in English.

Companionship  
Justice *Dignity*  
*Excellence*  
Hope *Gentleness*



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