POST 16 AT CVCC

2017
PROSPECTUS

Clyst Vale
COMMUNITY COLLEGE
A Science, Maths and Computing Academy

WELCOME TO CLYST VALE

CONTENTS

Courses

Thank you for your interest in Post-16 studies at Clyst Vale Community College. With purpose built accommodation, further investment in modern technology and a team of staff committed to improvement, the Post-16 sector is thriving. When you join us you will become a part of a successful and happy Post-16 cohort of students.

We are justifiably proud of the quality of our teaching and the good relationships established with students. We value the high level of advice, guidance and support we offer to all students but especially those students joining the college for their Post-16 education. New students are made very welcome and settle quickly.

In June **2015 OFSTED** rated the sixth form as **Good with Outstanding Student Progress and Leadership**. The inspectors said 'Levels of progress from students' starting points are very high and well above national average. The quality of teaching is good; students are challenged and supported to achieve high grades. Students who have not already gained good GCSEs in English and Mathematics are supported well to achieve success. There are high expectations of students both in attitude and achievement and the sixth form accommodation has been arranged to focus on supported study.

Support for sixth form students includes high quality careers advice and guidance and a range of additional activities to promote personal and social development and to prepare them for life at university. A strong focus on keeping themselves safe is in evidence.

Nearly half of Year 13 students have applied to top universities this year, reflecting students' high aspirations. Sixth form students are significant role models to others in the college and take on a wide range of leadership and other activities.

As Post-16 students you will be expected to show the motivation, determination and self-discipline necessary to succeed. There will be opportunities to develop leadership skills; to build on personal qualities and take roles of responsibility in preparation for life after Clyst Vale. We hope you take advantage of them.

I look forward to receiving your application.

Mrs C Dormand, Deputy Principal

POST 16 AT CLYST VALE

There are over 100 Post-16 students presently studying at Clyst Vale Community College. Increasingly students are joining us from other schools and Colleges, attracted by the individual approach the College prides itself on. The curriculum, dress code, responsibilities and expectations of maturity mark them out from the rest of the College.

They are respected and enjoy privileges not made available to younger students; however, more freedom brings with it responsibilities. Post-16 students are inevitably seen as role models by all other students and are called upon to be ambassadors in their dealings with visitors and in their conduct around and outside the College.

Post-16 students have their own block within the College with a Study Area, Café, and a purpose built ICT suite. Post-16 meet as a whole group for assemblies and tutorials. Both tutor groups and teaching groups are relatively small meaning that students can be individually monitored and counselled.

The Post-16 curriculum offers a wide range of courses leading to Higher Education and employment. We offer Level 3 AS/A2/BTEC qualifications. Students have the advantage of working within an intimate and supportive environment that is also challenging and stimulating.

We run a comprehensive tutorial and enrichment programme, enabling our Post-16 students to make the transition from College to the adult world knowing that they have had an excellent start to their future careers.

IMPORTANT FACTORS

HOW TO CHOOSE

How to choose your Post 16 courses

The decisions you make at this stage of your life will have important consequences for your future study and career opportunities. Therefore it is essential that any decision you come to is as well informed as possible. You may already have an idea of what you want to do in your life, or you may have no clear plans as yet. Either way, it is important when choosing your courses that you keep your options as open as possible.

You would be well advised to talk to your tutor, teachers, career advisor, read the course descriptions given in this prospectus, and ask about anything you do not understand.

In arriving at your decision, you are trying to balance three important factors:

1. YOUR ACADEMIC INTERESTS
2. YOUR PERSONAL ABILITIES, APTITUDES AND SKILLS
3. THE BREADTH OF CAREER CHOICE AVAILABLE TO YOU

If you have any queries, please talk to Mrs Dormand, Deputy Principal, who will be happy to discuss option choices with students/parents/guardians at any time.

COURSES AVAILABLE

Level 3 Courses

Students are required to study at least 3 subjects.

BTEC Level 3

These are vocational qualifications in which students develop deep, specialist, practical skills and understanding. The work is assessed through coursework, case studies and presentations. They have an A Level equivalence and allow progression to university. UCAS points are awarded for the BTEC course (a Distinction is equivalent to an A, a Merit to a C and a Pass to an E at A Level). They can be taken as well as, or in place of, A Levels.

Entry Requirements

You will be expected to have an average GCSE point score of at least 40 and the equivalent 5 'A*-C grades' at GCSE. A grade 'B' in the subject you intend to study at A Level is advisable. Please refer to the subject specific guidance.

GCSE Opportunities for Full Time Post-16 Students

Students who do not have a minimum of a grade 4 in English Language and/or Mathematics GCSE must now re-take these qualifications.

You should be aware that some lessons are taught after the normal end to the College day from 3.20pm until 4.20pm.

REPORTING, ASSESSMENT AND TARGET SETTING

There is a well-defined timetable for reporting, monitoring and setting individual student targets.

During the first part of the autumn term, students take part in one to one discussions with subject teachers and personal tutors to set individual targets and to help monitor the induction phase.

As part of our commitment to strengthening College & home links we hold a Year 12 Meet the Tutor Evening in November. The personal tutor is the first point of contact with the College so a good working relationship is important.

- **Students receive five progress reports each year**
- **End of year examinations will take place in June for Year 12 & Year 13**
- **Parents' evenings are held in December for Year 13 and March for Year 12**

In addition, in Year 12 & 13 there is a continuous monitoring system in operation. Subject teachers regularly report on students' effort, attainment and attendance, which are recorded by personal tutors.

The emerging profile of students' attainment and motivation is carefully scrutinised and any change in standards noted and acted upon immediately. In the first instance tutors investigate any problems. Should there be no immediate improvement Mrs Dormand will offer further guidance.

Parents and guardians are welcome to contact the College at any time with queries related to student welfare and progress.

THE WIDER POST-16 CURRICULUM

All Post-16 students take part in a complementary curriculum, which aims to help students develop a broader perspective with opportunities to exercise leadership, assume responsibility and develop interests.
The programme takes place during tutorial sessions and enrichment activities throughout the year.

Some of the key elements are:

Compulsory Enrichment

All Year 12 students will participate in a range of enrichment sessions over the year on a Wednesday afternoon in week A. Each student will have a block of Cooking, Active Leisure (to include things like golf, archery etc) and Wellbeing (to include relaxation techniques). This will work on a rotational basis and is a compulsory part of all Year 12's curriculum.

'The Bude Experience'

During the first half-term all Year 12 students are encouraged to participate in a week's residential course at Adventure International Outdoor Education Centre in Bude. The students participate in outdoor activities ranging from abseiling to canoeing, team building exercises and problem solving tasks.

This provides an excellent opportunity for students to develop teamwork, leadership qualities and communication skills, as well as learning to work with others cooperatively in a range of situations. Historically this week has always been a huge success and students are invariably keen to repeat the experience.

Careers & UCAS Guidance

All students are given careers guidance. Those applying to University are guided through the application process, taken to the Higher Education Convention and on a Campus Visit. Students are given advice on CV/Personal Statement production and finance.

Programme of Talks

There is a full programme of outside speakers on a wide range of themes. Speakers from the world of politics, charity organisations, health, higher education and a range of professions will be invited to address Post-16 students.

ADDITIONAL COURSES AND OPPORTUNITIES

Peer Mentoring

Post-16 students will support a younger student in several ways eg in class support, help with homework, to be a friend, to listen to them or help the student socialize.

Community Sports Leader Award (CSLA)

The award gives people aged 16 and over the skills needed to lead groups in safe sporting and recreational activities. It encourages participants to take responsibility for others, develops organisational and communication skills and instils confidence in people for whom leading groups in sporting activities is a new experience.
The majority of the course is practical in nature with an emphasis on learning through doing, rather than through written work. It is a course which teaches you to be a leader through the medium of sport.

Young Enterprise

Be part of your own student business enterprise. Form a company, elect officers, produce a product, sell it and make a profit! If you want to go into business, or fancy yourself as an entrepreneur this is for you. You could also win prizes and have the fun of fund raising.

Subject Support

Students can, with staff permission, help in lessons as a type of 'Student Learning Support Assistant'. This is most common in practical subjects, but can be in most subjects.

Maths Workshop

Once a week a Maths Workshop is available for Post-16 students to drop in with any maths problems. Students from any subject are welcome. The workshop is run by a member of the Maths Department.

Work Experience

All students are encouraged to participate in blocks of work experience or job shadowing with the emphasis on individual choice related to career aspirations.

Sport & Recreation

All students are provided with the opportunity of using the College sports facilities. This often leads to students versus staff games and competitive matches against other Colleges.

Special Events

There are numerous events throughout the year. These include a Year 12 team building day and barbecue, and a Year 13 Prom attended by all the students, tutors and subject staff. It is worth noting that Post-16 students are regularly consulted over the provision of enrichment activities, as interests and particular skills vary from year to year. Every effort is made to accommodate student wishes.

16-19 Bursary Fund

We are allocated a cash-limited fund from central government which will be used wherever possible to provide support to those most in need, in order to enable a student to continue and complete their course.

Two types of award are available:

Guaranteed Award for Vulnerable Learners: Young people in Care, Care Leavers, Young People in receipt of Income Support or Universal Credit, and Disabled Young People in receipt of Employment Support Allowance who are also in receipt of Disability Living Allowance will be eligible to receive a bursary of £1200 a year.

Discretionary Awards: Targeted at those who are facing the greatest financial hardship. (Discretionary Awards will only be used to help learners meet costs related to participation in their individual course of study, for example transport, books, equipment, materials, essential trips, meals whilst attending their course etc.)

REASONS TO STUDY AT CLYST VALE

- High performing Post-16.
- OFSTED rating 'Good with Outstanding Student Progress'.
- Student support recognised as 'Outstanding'.
- Extremely low drop out rate through careful monitoring of student progress, with individual support and attention.
- Excellent teaching staff who are supportive and know the students' strengths and weaknesses.
- Stretch and Challenge programme for high achieving students.
- Intensive Higher Education guidance with proven track record of Oxbridge success.
- A wide range of courses and guidance provided to help students make the right choices.
- Relaxed and friendly atmosphere, a real community.
- The Bude Residential experience and expansive tutorial & enrichment programme.
- Excellent purpose built facilities including study area, café and ICT suite.

APPLICATION FORMS SHOULD BE RETURNED BY FRIDAY 27TH JANUARY 2017
(Late applications will be considered)

HOW TO APPLY

Follow the steps to make a successful application

1 Read the Post-16 Prospectus carefully.

2 Once you receive your Year 11 annual report you will have a good indication of the options open to you. At this point you should make an application on the card provided and return this to the College's Post-16 office.

3 Your application will be read by Mrs Dormand (Deputy Principal).

4 Every applicant will be invited to a meeting to discuss the suitability of the subjects selected. Successful applicants will receive written confirmation of course offers.

Application forms should be returned by Friday 27th January 2017.
(Late applications will be considered)

If you have any queries: please contact the College – we will be pleased to help.

TELEPHONE 01392 462697.

"Outstanding student progress"

Ofsted 2015

APPLIED SCIENCE BTEC

Is this course for me?

Yes, if you are interested in the application of scientific ideas and how Science can be used to solve practical problems in the real world.

What qualifications do I need?

BTEC Level 2 Applied Science at Merit Standard or four GCSE grades (including English and Maths) at grade A*-C / 9-4.

What does the course involve?

Year 12: BTEC Level 3 Certificate

- Fundamentals of Science
- Working in the Science Industry
- Scientific Practical Techniques

Year 13: BTEC Level 3 Subsidiary Diploma

- Physiology of Human Body Systems
- Astronomy
- Biochemistry

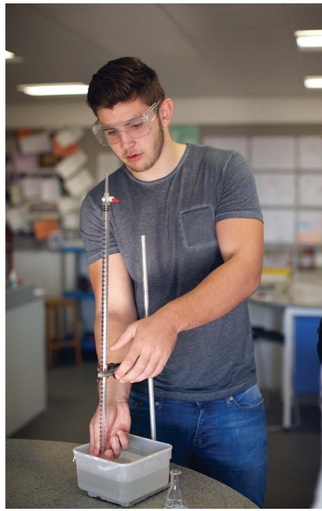
How will my work be assessed?

You will produce regularly assessed projects, reports, and posters. You may also give presentations to the group or visitors that will also be graded. All work is graded as pass, merit or distinction which correspond to A Level grades E, C and A respectively.

What can I do afterwards?

BTEC HNC or HND, Foundation Degree, Bachelor's Degree, NVQ or Science based employment such as laboratory technician.

EXAM BOARD > EDEXCEL



FINE ART

Is this course for me?

Taking Fine Art as an A Level at Clyst Vale means that you are joining a popular course which has a track record of outstanding results. You will have the opportunity to experiment and develop your artistic abilities, learn new practical skills and processes and work on an ambitious scale. Fine Art may give your option choices a good balance, or may lead to further studies and a career in the artistic industries.

What qualifications do I need?

It is desirable to have a B grade or above in GCSE Art and Design.

What does the course involve?

Year 12 - Coursework project that enables students to explore skills and develop their own ideas.

Year 13 - Coursework project that develops ideas into a final outcome. You will also need to complete a personal study along with supporting research and practical outcomes. Research sketchbook on exam theme leading to a controlled test of 15 hours.

How will my work be assessed?

Work is continuously assessed and summative assessment is made at the end of projects and units. 60% of your final grade comes from coursework and 40% is based on the externally set exam set at the end of Year 13. AS students can choose to follow the course over 1 or 2 years.

What can I do afterwards?

Students may wish to continue their education in Art & Design at University or may look to do a Foundation Diploma at Art College.

Skills developed on your course, such as research, negotiation, problem solving and teamwork can put you in direct competition with more traditional graduates giving you an even greater pool of opportunities to consider.

Even within art design & media, there is still flexibility. Graphic designers may chose to use their design skills in gardens or interiors, and fine artists have been known to become well-established filmmakers. It may be that you will choose to practice in several different areas - what is known as a portfolio career.

There are over 70 art related careers. They all relate directly to the creative industry. The creative industry is the 2nd largest industry in Britain – and growing!

Example Careers and Courses in Art and Design:

Graphics, advertising, illustration, fashion, fashion marketing, education, television, product design, stage design, art restoration, film, admin/curation, ceramics, art therapy, art history.

EXAM BOARD > EDEXCEL

BIOLOGY

Very welcoming to new students.

Is this course for me?

Yes, if you:

- Like a challenge
- Are prepared to meet deadlines
- Have a genuine interest in Biology
- Are motivated to study in your own time

What qualifications do I need?

You need to have a GCSE grade B in Core and Additional Science, or a grade B in Biology GCSE. As well as grade 5 minimum in Maths and English.

What does the course involve?

Year 12

Module 1: Foundations in Biology
Cell structure, cell division, cell diversity and organisation. Biological molecules.

Module 2: Exchange and Transport
Exchange surfaces, transport in plants and animals.

Module 3: Biodiversity, Evolution and Disease
Classification, evolution and biodiversity.
Diseases and the immune system.

Year 13

Module 4: Communication, Homeostasis and Energy
Nerves and hormones, excretion, photosynthesis and respiration.

Module 5: Genetics, Evolution and Ecosystems
Cells, variation and meiosis; biotechnology and the science of cloning and genomics; ecosystems and sustainability.

How will my work be assessed?

There will be three final examinations at the end of Year 13.

What can I do afterwards?

This course can lead on to further studies in Biological Sciences, Nursing, Physiotherapy and Medicine. It will give a good grounding for any further work in Science.

EXAM BOARD > OCR

CHEMISTRY

Is this course for me?

Yes, if you enjoyed the chemical aspects of your GCSE science course, you are willing to work hard, develop your thinking skills and learn independently. You need to be able to think logically and have strong literacy skills.

What qualifications do I need?

You need to have a GCSE grade B in Core and Additional Science, or a grade B in Chemistry GCSE as well as grade 5 minimum in Maths and English.

What does the course involve?

The course consists of 6 modules combined with a Practical Endorsement.

Module 1: Development of Practical Skills

Module 2: Foundations in Chemistry

Module 3: Periodic Table and Energy

Module 4: Core Organic Chemistry

Module 5: Physical Chemistry and Transition elements

Module 6: Organic Chemistry and Analysis

The topics studied are widely inter-linked and the developing patterns are a distinguishing feature of this subject. Practical work is used throughout the course to illustrate concepts and to develop technical and investigative skills.

How will my work be assessed?

There will be three written papers at the end of Year 13:

- Paper 1 assesses the content from Modules 1, 2, 3 & 5
- Paper 2 assesses the content from Modules 1, 2, 4 & 6
- Paper 3 assesses the content from Modules 1 to 6

What can I do afterwards?

Studying Chemistry opens up many career opportunities:

Chemistry, Biology, Physics, Medicine, Engineering, Dentistry, Forestry, Veterinary Science, Agricultural Science, Biochemistry, Biotechnology, Food Science, Pathology. If you want any science-based career, then Chemistry keeps your options open. Potential employers value the analytical and conceptual skills developed during the study of Chemistry. Such skills, coupled with the ability to work in a meticulous and accurate manner, enable Chemistry students to pursue careers within, or outside, the vast area of Science.

EXAM BOARD > OCR

COMPUTING

Is this course for me?

Do you have the patience to work at a problem until you can solve it?

Are you curious about what's going on in your computer?

Do you use your computer at home for more than just surfing the net?

The course is designed to appeal to students who are simply curious about the inner workings and applications of computers, as well as to those students who wish to pursue a career in Computing.

What qualifications do I need?

Grade 4 or above in Maths and English.

A grade C or above in a Level 2 computing course is desirable as is the ability to work in an organised manner and complete independent study.

Students without programming experience will need to complete pre-course tasks.

What does the course involve?

Year 12 study will include:

Computing principles

- Theory of computation
- Fundamentals of data representation
- Fundamentals of computer systems
- Fundamentals of computer organisation and architecture
- Consequences of uses of computing
- Fundamentals of communication and networking

Algorithms and Problem solving

- Fundamentals of programming
- Fundamentals of data structures
- Systematic approach to problem solving

In Year 13 you will study advance computer theory and complete a software development project.

How will my work be assessed?

A2 assessment - 1 written exam and 1 on-screen exam and one project.

What can I do afterwards?

All students will benefit from the technical skills and insight gained on this course which is transferable for any career with computer use.

Many of our students choose to extend their knowledge at university with a computing related degree.
This could lead to software development/ programming career. Or students could use this as a stepping stone to vocational courses and apprenticeships.

Specification details

Full details can be viewed or downloaded at:
www.aqa.org.uk

EXAM BOARD > AQA

ELECTRONICS

Is this course for me?

Yes if you tick all of these boxes:

- You are looking to pursue a careers in Electronics and/or Electrical and Electronic Engineering
- You like problem solving
- You like finding out and understanding how things work
- You like developing practical solutions to problems and want to develop these skills
- You are willing to work hard and complete all class-based and home-based tasks
- You are self-motivated
- You have good mathematical skills
- You enjoy STEM (Science, Technology, Maths, Engineering)
- You enjoy Computing and want to understand and develop your skills in associated technology
- You like a challenge

What qualifications do I need?

- GCSE grade B in Core and Additional Science

  OR
- Grade B in Physics GCSE

  OR
- Grade B in Physics iGCSE/Certificate

  AND
- Grade 5 in GCSE Maths
- Grade 4 in GCSE English

What does the course involve?

Core Concepts

1. System synthesis
2. DC Electrical circuits
3. Input and output sub-systems
4. Energy and power

Principles of Electronics

1. Semiconductor components
2. Logic systems
3. Operational amplifiers
4. Signal conversion
5. AC circuits and passive filters
6. Communications systems
7. Wireless transmission
8. Instrumentation systems

Application of Electronics

1. Timing circuits
2. Sequential logic systems
3. Microcontrollers
4. Digital communications
5. Optical communication
6. Mains power supply systems
7. High power switching systems
8. Audio systems

How will my work be assessed?

You will be given weekly homework that uses questions related to the work you have done in lessons.

There are 2 coursework tasks that together make up 20% of the qualification. Task 1 involves design and realisation of a microcontroller based system programmed in assembly language. Task 2 is to design and realise a more general electronics based system.

Please note that this coursework element will need to be self-funded and, over the course of the 2-years, it would be envisaged that a student may need to use up to £100 (for component parts and such)

Examinations

2 x 2 hour 45 minute written examinations. Component 1 is Principles of Electronics. Component 2 is Applications of Electronics. Both exams are sat at the end of the 2 year course.

What can I do afterwards?

Physics and Mathematics are generally required A-Levels for entry into Electrical and/or Electronic Engineering Courses. An Electronics A-Level sits well with Physics and Maths as an entry into related courses and careers. A-Level Electronics would also be a good related qualification relating to many more technical qualifications and careers in iMedia and/or Computing for example.

EXAM BOARD > WJEC through its Eduqas brand
www.eduqas.co.uk

ENGLISH LITERATURE

Is this course for me?

All students with the required grades should consider this course at A Level because it links into work already studied at GCSE. Those who enjoy reading will be stretched as they encounter a genuine variety of texts.

What qualifications do I need?

This demanding course requires students to have at least GCSE grade 5 in English Language and English Literature. A love of independent reading is also an essential requirement.

What does the course involve?

Three Units:

Love through the Ages

40% of A-Level | 3 hour examination (3 essays)

This focuses on three texts; Shakespeare, poetry and prose and will involve comparative analysis.

Texts in Shared Contexts

40% of A-Level | 2.5 hour examination (2 essays and one critical analysis of an unseen text)

This is the study of 3 texts; prose, poetry and drama from pre 1900 and post 2000.

Independent Critical Study: Texts across Time

20% of A-Level | Coursework

This comprises of two components:

- A comparative critical analysis of two texts (one of which must be pre 1900)
- An extended essay and bibliography

Typical texts on offer in the course would be:

Drama
Othello / A Doll's House / A Streetcar Named Desire / Oh! What a Lovely War / Top Girls / Journey's End / The Taming Of The Shrew / The Winter's Tale

Poetry
Up the Line of Death / Scars upon My Heart / Feminine Gospels / AQA Post 1900 Anthology / Remember / Ae Fond Kiss / Sonnet 116 / To His Coy Mistress

Prose
Regeneration / Wuthering Heights / Birdsong / Atonement / Jane Eyre / The Great Gatsby / The Handmaid's Tale / The Color Purple / The Help / Yellow Wallpaper

What can I do afterwards?

This course develops analytical thinking which is a crucial, transferable skill. Communicative competence and the ability to analyse are basic and necessary skills in the workplace and critical for those seeking positions of responsibility and leadership.

EXAM BOARD > AQA

FRENCH

Is this course for me?

You enjoy speaking French. You want to discover more about France and French speaking countries, their language and people. If so, this is the course for you!

What qualifications do I need?

At least a B at GCSE.

What does the course involve?

The course will involve the four skills, namely reading, writing, listening and speaking. Each has equal weighting. You will be required to understand journalistic texts taken from the French press and media. You will have to express your own opinions on topical issues. There will be grammar, translation from English into French and an awareness of literary texts and film is also an important component of the course.

The aims of the course are to encourage students to:

- develop an interest in, and an enthusiasm for, language learning;
- develop understanding of French in a variety of contexts;
- communicate confidently, clearly and effectively in French for a range of purposes;
- develop awareness and understanding of the contemporary society of France and French speaking countries.

How will my work be assessed?

Your work will be externally examined for all components of the course; there is no coursework.

You will sit three papers:

1. Listening, reading and translation.
2. Speaking.
3. Writing which involves translation and grammar exercises, as well as responding to a literary text and a film in the French language.

There will also be a speaking examination which is recorded and marked externally.

What can I do afterwards?

You can go on to study languages further at degree level or equivalent, or you could go directly into employment. There are numerous possible career paths and employment amongst language graduates is high.

EXAM BOARD > EDEXCEL

GEOGRAPHY

Is this course for me?

If you are looking for a dynamic course that explores the interaction between the physical and human elements of our planet then A level Geography is for you. It will give you a chance to explore some of the challenges facing people in today's world including population pressure, resource security, changing climates and hazard management. It will equip you with the skills to critically analyse data and draw sound, valid conclusions. It will allow you to discuss major events that shape our world on a regular basis, whether they are physical (earthquakes, sea level rise) or human (global conflicts, urban living).

What qualifications do I need?

A grade 4 in English and Mathematics is required, as is a C grade in Geography (obtained on a Higher Tier Paper). However it is NOT essential to have done Geography at GCSE as long as you have a grade B in Science.

What does the course involve?

The course involves an equal mix of physical and human topics. There is also a mixture of core and optional topics. The core topics are Water and Carbon cycles and Global Governance and Changing Places. Optional units include Hazards, Cold Environments, Deserts, Coasts, Contemporary Urban Environments and Population Pressures. The Residential Field visits take place in Year 12 (Lake District). You have to complete a minimum of 4 days fieldwork.

How will my work be assessed?

The course is a 2-year linear A level. Assessment consists of 2 papers with a mixture of multiple choice, structured short-answer questions and longer extended written response questions. Both papers are 2.5 hours long and are worth 40% each. There is also a 3000-4000 word individual geographical investigation which is 20% of the A level. This is completed through fieldwork and individual research. It will prepare you for both university and work.

What can I do afterwards?

There are a vast number of routes that Geography can open up for you. It is a highly valued qualification by employers and Universities alike. Geography was rated as the most employable subject in a survey of university graduates. It doesn't tie you down as it is counted as an art and a scientific subject. The skills that you acquire can lend themselves to careers such as GIS Specialist, Chartered Surveyor, Lawyer or Environmental Planners amongst others. The topics covered could lead to careers as diverse as Economic Developer, Forestry Ranger, Weather Presenter or Hazard Manager.

EXAM BOARD > AQA

A relaxed atmosphere but with a strong emphasis on work ethic.

GOVERNMENT AND POLITICS

Is this course for me?

As Barack Obama has said "I always believe that ultimately if people are paying attention then we get good government and good leadership. When we get lazy as a democracy and civically start taking shortcuts then it results in bad government and politics".

Political decisions have a huge impact on our lives. One quick definition of politics is the study of who gets what, when and how. I want all of my A Level students to realise just how important political decisions are and to have a good understanding of the nature of politics in the UK and the USA. I want my students to work hard but also become interested in this endlessly fascinating subject. If you are interested in people, current events and international relations then this would be an excellent subject to study in depth.

What qualifications do I need?

Government and Politics at A Level requires good literacy skills. Grade 5 for GCSE English is a minimum requirement for this subject.

What does the course involve?

At AS level there are 2 units. People, Politics and Participation and Governing Modern Britain. At A2 level the units are The Politics of the USA and The Government of the USA.

In year 12 we study the Politics of the UK the regions of the UK and the EU.

In year 13 we study the USA.

How will my work be assessed?

Two written exams of 1 hour 30 minutes.

What can I do afterwards?

The Government and Politics A level is well regarded by Universities and employers. Former students have gone on to study Law, International Relations and Politics degrees at University.

EXAM BOARD > AQA

HEALTH & SOCIAL CARE

Is this course for me?

Yes, if you want to study health science, social care or childcare.

This qualification isn't just about caring for babies or the elderly and the ill; it will provide you with the skills, knowledge and understanding to progress into Higher Education on a health and social care-related programme such as Health and Social Care, Nursing, Social Work or Early Childhood Studies.

What qualifications do I need?

Four GCSE grades (including English and Maths) at grade A*-C / 9-4; an OCR Level 1/2 Cambridge National in Health and Social Care or Child Development would be advantageous.

What does the course involve?

Everybody will study the following mandatory units:

- Building positive relationships in health and social care
- Equality, diversity and rights in health and social care
- Health, safety and security in health and social care
- Anatomy and physiology for health and social care

There are two further units to be selected from:

Infection control

Supporting people with learning disabilities

Nutrition for health

Sexual health, reproduction and early development stages

The impact of long-term physiological conditions

Supporting people with dementia

Supporting people with mental health conditions

Psychology for health and social care

Sociology for health and social care

Public health

How will my work be assessed?

These qualifications are assessed using a combination of:

- External assessment, which is set and marked by the exam board
- Internal assessment, which is centre assessed and then externally moderated.

What can I do afterwards?

This course will provide a strong base for progression to university, apprenticeships or work and is recognised for UCAS tariff points.

EXAM BOARD > OCR

HISTORY

Is this course for me?

If you are interested in people and how they lived in the past, if you are interested in how events in the past have shaped the world in which we live, if you enjoy reading and writing essays then this is the course for you.

What qualifications do I need?

Students are required to have achieved a grade B or above in GCSE History. Those students who have not studied History before are required to have achieved at least a grade 5 for English.

What does the course involve?

The topics covered are;

The Tudors; England 1485-1603

The American Dream; Reality and illusion 1945-1980

Coursework on any period of history to cover 100 years.

How will my work be examined?

At the end of year 13 there will be:

Two written exams of 2 hours 30 minutes.

Coursework will count as 20% of the final A level marks.

What can I do afterwards?

History A level is an important qualification for a wide range of higher education and career choices. The skills involved in the study of History at A level are highly regarded by universities and employers. History provides an excellent foundation for a wide range of careers such as the law, journalism, business and teaching.

EXAM BOARD > AQA

MATHEMATICS

Is this course for me?

Are you an interested mathematician who has coped well with GCSE? Do you enjoy solving problems and the challenge of applying your existing mathematical skills in more complicated situations?

What qualifications do I need?

If you expect to attain a grade 6 or more at GCSE Mathematics (Higher Tier), this could be the course for you.

What does the course involve?

Here is your opportunity to find out about new concepts such as mathematical modelling and the whole new world of calculus.

You will also have the opportunity to develop skills you already have, especially those in algebra and trigonometry. You will be involved in both practical and investigative work. To help you in this, we provide graphics calculators and access to mathematical software, but we expect you to provide a scientific calculator.

The course we will be offering is the Mathematics in Education and Industry (MEI) Structured Mathematics Scheme. It is designed to cater both for the student who wishes to study mathematics in its own right and the student who needs to develop the mathematical skills required in other subjects such as Physics, Geography, Economics and Biology.

All students will, within this course, study some Pure Mathematics and some Applied Mathematics (chosen from Mechanics, Statistics and/or Decision Mathematics).

How will my work be assessed?

To obtain an A Level, students successfully need to complete six modules.

Occasionally modules can be re-taken, if necessary, to maximise a student's final grade.

Each module is assessed through a 1.5 hour examination held in June.

Coursework also forms part of the assessment for the Core 3 module of the A Level course - this will be completed in the summer term of Year 12.

What can I do afterwards?

An A Level in Mathematics is accepted as an entry qualification to almost any University course, from Medicine to Astrophysics.

EXAM BOARD > OCR - MEI

FURTHER MATHEMATICS

Is this course for me?

This course is an ideal basis for the study of Mathematics at University. On some courses Further Maths is a requirement.

What qualifications do I need?

If you expect to attain at least a grade 7 in GCSE Mathematics, this could be the course for you.

What does the course involve?

The Course begins with a simple module on practical mathematics for problem solving and builds to complex and abstract mathematics by Year 13. Class sizes are typically small, providing a supportive environment, and many of the modules can be used to supplement the normal Maths A Level. The course we will be offering is the Mathematics in Education and Industry (MEI) Structured Mathematics Scheme.

How will my work be assessed?

To obtain an A Level, students need successfully to complete six modules. Occasionally modules can be re-taken, if necessary, to maximise a student's final grade. Each module is assessed through 1.5 hour examination held in May/June.

What can I do afterwards?

An A Level in Further Mathematics is accepted as an entry qualification to almost any University course, from Medicine to Astrophysics.

EXAM BOARD > OCR - MEI

PERFORMING ARTS

BTEC Level 3 National Extended Certificate in Performing Arts

Is this course for me?

If you love performing or wish to learn more about or work in the performing arts then yes!

This course gives you frequent opportunities to perform original devised work and published works, repertoire and improve technique in the performance disciplines of Acting, Dance, Physical Theatre and Musical Theatre. It is highly vocational and will begin to train you for a career in the Performing Arts industry.

The course develops qualities of imagination, sensitivity and artistic knowledge. The study of specific practitioners and rehearsal technique introduces you to the commercial, cultural, social and historical contexts in which the performing arts operate and each section of the course offers the opportunity for reflection, evaluation and development.

What qualifications do I need?

A GCSE grade C in Dance, Drama or Music is desirable but not essential; however you should have some performance experience in at least one of the art forms. You do NOT have to be skilled in all the art forms as the course allows you to develop skills in one or more of the disciplines. This course is not suitable for students who have no background in, or aptitude for the arts.

What does the course involve?

This two year course allows you to gain a taste an appreciation of performing arts, through knowledge and experience of the performance process. Focus is on developing practical skills and techniques in one or more performing arts disciplines, as well as critical analysis skills and contextual understanding of practitioners work.

You will take part in various performances, including the staging of a Musical. Recent performances have included Sweet Charity (Barnfield Theatre November 2014), the Addams Family (Barnfield Theatre March 2014), and Party Time (Bikeshed Theatre January 2014).

Course Content

1. Investigating Practitioners' Work (Mandatory)
2. Developing Skills and Techniques for Live Performance (Mandatory)
3. Group Performance Workshop (Mandatory)
4. Example Optional Units (one of which will be taken)
   - Acting Styles
   - Classical Ballet Technique
   - Improvisation
   - Variety Performance

How will my work be assessed?

75% of the work is assessed internally throughout the course. For this you will be asked to produce a range of evidence suitable for assessments. This will include videos of performances and recitals, rehearsal log books, directors and actors notes and written commentaries. 25% of the work is assessed externally over a specified 3 hour period at a given point in the course. This will take place at the end of a six week period in which a research task will be set and carried out.

What can I do afterwards?

This course would allow further study of one or all of the art forms at Higher Education level. The skills that are required in the arts have wide application in occupations beyond the Performing Arts industry. Confidence, creative and communication skills, and the ability to work as part of a team are developed during this course and are integral to success in it. These qualities are transferable to any other subject or higher education course but are also highly desirable in any field of further education.

EXAM BOARD > EDEXCEL

PHILOSOPHY & EASTERN THOUGHT

Is this course for me?

Do you enjoy asking difficult questions? Have you ever wondered who decides what is a right or a wrong action? Do you enjoy debating? Do you have an open mind? Have you ever thought about how people decide to behave in certain situations? Do you find other people's opinions and ideas interesting? Do you hate coursework?

If you have answered yes to any of the above questions, then this course is for you!

What qualifications do I need?

The exams for this course are all essay based, so you will need to have a grade 4 or above in English Literature or Language.

You do not need to have taken the B & V Full Course GCSE, nor do you need to have a high Short Course Grade.

What does the course involve?

The course is divided into 3 components Philosophy, Ethics and Eastern Thought.

Philosophy is an ancient tradition of trying to find answers or knowledge. You will look at ancient Greek ideas about how we find knowledge and how this links to the common Western idea of God. You will then study a number of scholars' arguments about the existence or non-existence of God. You will explore the idea of religious experiences, whether there is a life after death, how people can use language to talk about God and what God is like.

In Ethics you will explore a variety of ethical theories and apply these theories to two contemporary issues. Alongside this we will debate surrounding and significant idea of conscience and sexual ethics and the influence on ethical thought of developments in religious beliefs.

In the Eastern Thought component you will explore Buddhism in depth. You will begin by exploring the origins of this world religion, its core concepts and the key teachings attitudes and practices. You will look at the importance of scriptures, Religious practice, and consider later Buddhist developments and Ethics.

How will my work be assessed?

There are three exams of 2 hours.

What can I do afterwards?

Philosophy, Ethics & Eastern Thought is highly rated as an academic subject. As an A-level it is looked upon favourably by universities as it shows that candidates are open-minded and have researching and evaluation skills.

This course is also useful for any job which involves working with people such as social services, police, civil services, law, medicine, teaching and more.

EXAM BOARD > OCR

PHOTOGRAPHY

Is this course for me?

Taking Photography as an A Level at Clyst Vale means that you are joining a popular course which has a track record of outstanding results. You will have the opportunity to experiment and learn new practical skills and processes in digital photography, animation and film.

Photography may give your option choices a good balance, or may lead to further studies and a career in the artistic industries.

What qualifications do I need?

An A* to C grade in GCSE Art and Design would be an advantage.

What does the course involve?

Year 12 - Coursework project that develops skills in digital photography, image manipulation and animation and film.

Year 13 - Coursework project that explores your own personal response to a set theme and builds upon knowledge already gained. You will also need to complete a personal study along with supporting research and practical outcomes. In addition you will need to produce a research sketchbook on the exam theme leading to a controlled test of 15 hours.

How will my work be assessed?

Work is continuously assessed and summative assessment is made at the end of projects and units. 60% of your final grade comes from coursework and 40% is based on the externally set exam that takes place in year 13.

AS candidates may choose to follow the course over either 1 or 2 years.

What can I do afterwards?

Students may wish to continue their education in Photography, Media Studies or Art and Design at University or may look to do a Foundation year at Art College. A Level Photography could lead onto a career in filmmaking, television, journalism, website design and any media based employment.

Skills developed on this course, such as research, negotiation, problem solving and teamwork can put you in direct competition with more traditional graduates giving you an even greater pool of opportunities to consider.

EXAM BOARD > EDEXCEL

PHYSICAL EDUCATION

A Level PE and Btec Level 3 Sport

The PE department will be offering the AQA AS and A Level PE courses or the Btec Level 3 Sport. We pride ourselves on providing the best opportunities for our students and will assess the needs of the group as they go through the application and interview process.

What qualifications do I need?

Btec Level 2 Sport at Merit Standard or above, or GCSE PE grade C or above, or four GCSE grades (including Science) at grades A*-C / 9-4.

What does the course involve?

A Level PE

There is an exciting and broad range of topics to maintain interest and challenge across the two years and will contribute 70% of the marks.

Section A: Applied anatomy and physiology

Section B: Skill acquisition

Section C: Sport and society

Culminating in a 2 hour exam involving multiple choice, short answer and extended writing questions.

Section D: Exercise physiology and biomechanics

Section E: Sport psychology

Section F: Sport and society and technology in sport

Finishing with another 2 hour exam involving multiple choice, short answer and extended writing questions.

Students assessed as a performer or coach in the full sided version of one activity with post event analysis contributing 30% of the marks.

Y13 – BTEC Level 3 Subsidiary Diploma in Sport (equivalent to 1 A Level)

Btec Sport offers a broad range of stimulating and challenging topics relevant to modern society, sport and leisure.

Units Include:

- Principles of Anatomy & Physiology in Sport
- The Physiology of Fitness
- Assessing Risk in Sports
- Fitness Testing for Sport & Exercise
- Practical Team Sport
- Psychology for Sport
- Sports Coaching

All units assessed through portfolio assignments, which are set and marked by your teachers.

The course is highly practical, so you will be expected to perform, coach and officiate in a variety of sports as well as participate in a number of fitness sessions.

What can I do afterwards?

You can look to progress onto higher education programmes at other institutions, for example Sports Studies, Sports Management or Sports Science. It also opens opportunity for students to apply for employment in areas similar to subjects studied such as radiography and nutrition.

EXAM BOARD > AQA

PHYSICS

Is this course for me?

Yes if you tick all of these boxes:

- You like problem solving
- You enjoy finding out why things are the way they are
- You are willing to work hard and complete all class-based and home-based tasks
- You are self-motivated
- You have good mathematical skills
- You enjoy STEM (Science, Technology, Maths, Engineering)
- You like a challenge

What qualifications do I need?

- GCSE grade B in Core and Additional Science

  OR
- Grade B in Physics GCSE

  OR
- Grade C in Physics iGCSE/Certificate (preferably a B)
- Grade 5 in GCSE Maths
- Grade 4 in GCSE English

What does the course involve?

The Y12 course is very interesting, covering many of the basics about the rules of our universe. The Y13 topics are even more rewarding, covering some even more 'glamorous' areas of Physics and introducing more of the applications of Physics.

In Year 12 you will study:

- Measurements and their errors
- Particles and radiation
- Waves
- Mechanics and materials
- Electricity

In Year 13 you will study:

- Further mechanics and thermal physics
- Fields and their consequences
- Nuclear physics

Plus one of the following optional topics to be decided by teachers and students:

- Astrophysics
- Medical physics
- Engineering physics
- Turning points in physics
- Electronics

How will my work be assessed?

You will be given weekly homework that uses questions related to the work you have done in lessons. These are sometimes extended, or repeated practice, or past-paper exam questions.

You will also keep a logbook of the 6 'Required Practicals'. These will be tested in Paper 2 (though there is no official 'coursework', 30% of this paper will relate to the Required Practicals)

Examinations

2 x 90 minute papers, no coursework tasks or controlled assessments.

What can I do afterwards?

Physics is the route to so many careers, from predicting climate change to designing computer games. Just a few of the possible career paths include Pyrotechnician, Particle Physicist, Astrophysicist, Surgeon, Aeronautical Engineer, Sound Engineer, Clinical Scientist, Solar Energy Physicist, in fact any role that requires a high degree of numeracy and/or a deeper understanding of the laws of Physics. More career ideas at **www.physics.org/careers**

EXAM BOARD > AQA

3D PRODUCT DESIGN

Is this course for me?

Think about the objects that you love. Your mobile phone with its delicious curves was designed on a computer screen. The car you yearn for started life as a reduced size clay model. A building that you admire sprang from the drawing board of an architect. And it's not a new phenomenon. Our fascination with 3D design goes back to flint arrow heads and earthenware pots.

As a 3D designer you are at the crossroads of a number of skills. Of course you need creativity, in order to imagine the shape and function of the object. But you'll also need to know about manufacturing processes, materials and marketing.

What qualifications do I need?

You must have at least 4 good grades at GCSE including a B grade in Design and Technology, Graphic Products or Resistant Materials, and be proficient and enjoy using ICT.

What does the course involve?

Your A Level studies cover four main topics, and you'll study two of these each year. In 'Materials and components' – you will look at materials, production processes and the impact of cost and design. In 'Learning through designing and making' you'll produce some coursework using your own design with a range of materials and media.

In the second year you'll get to grips with 'Design and manufacture' - helping you to appreciate the relationship between design and technology, or form and function. 'Design and making in practice' is the practical, coursework part. You'll make an object and record the processes that you went through.

How will my work be assessed?

In the first year you'll have two assessments. A two hour written paper accounts for 25% of your total marks. The coursework and your design portfolio account for another 25% of your marks. Year two is the same.

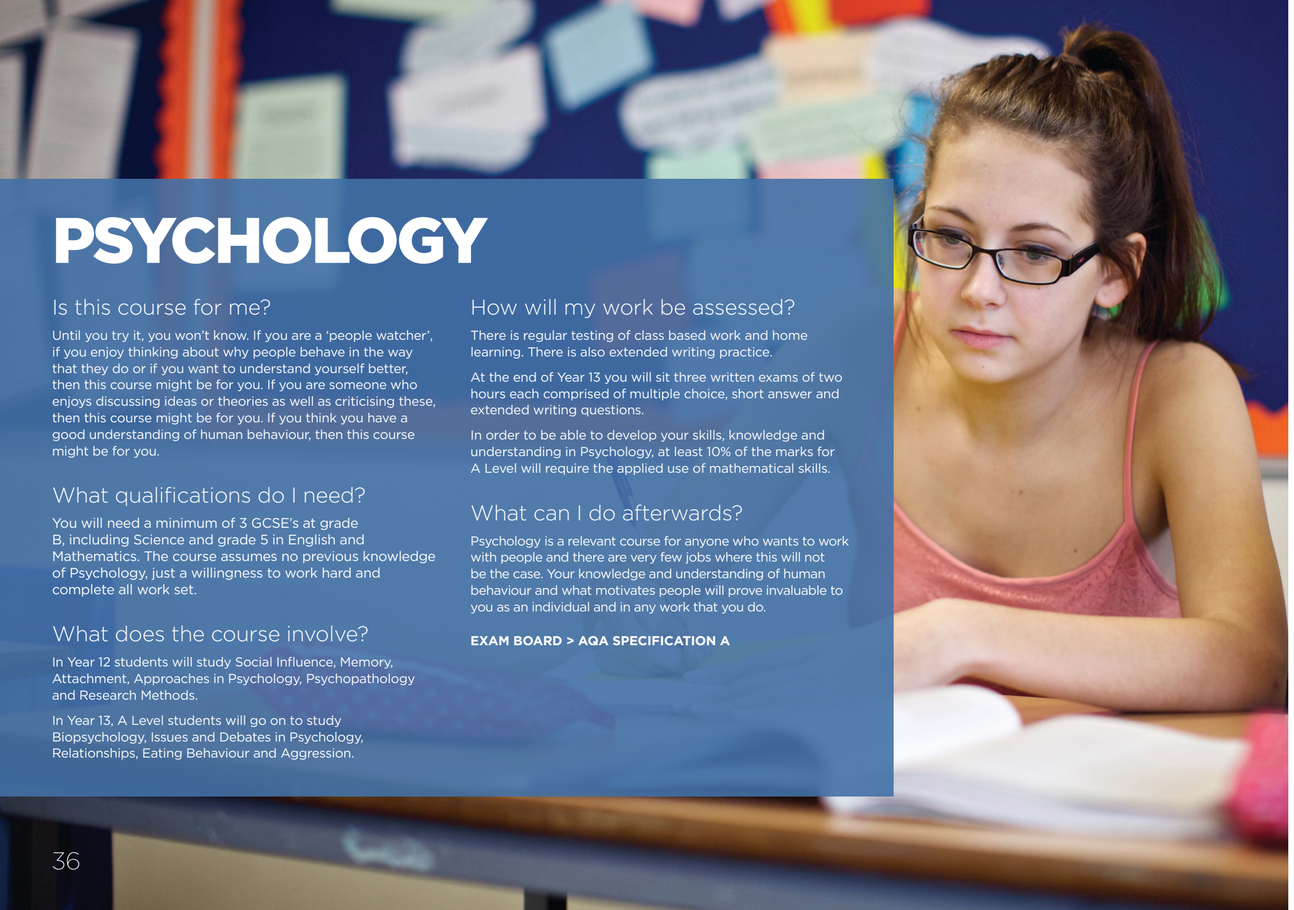
A two hour written paper accounts for 25% of your marks and the coursework and your design portfolio account for the final 25% of your A Level marks.

What can I do afterwards?

3D Design could take you into a number of exciting career paths. Of course there's product or automotive design. But what about computer generated cartoons? Or maybe CAD for industry appeals to you more? This course could take you into architecture, teaching, manufacturing, fashion, advertising or engineering.

3D Design goes well with other subjects. If you want a career in design you might also consider Art & Design, Business Studies, Computing or Electronics as companion A Levels.

EXAM BOARD > EDEXCEL



PSYCHOLOGY

Is this course for me?

Until you try it, you won't know. If you are a 'people watcher', if you enjoy thinking about why people behave in the way that they do or if you want to understand yourself better, then this course might be for you. If you are someone who enjoys discussing ideas or theories as well as criticising these, then this course might be for you. If you think you have a good understanding of human behaviour, then this course might be for you.

What qualifications do I need?

You will need a minimum of 3 GCSE's at grade B, including Science and grade 5 in English and Mathematics. The course assumes no previous knowledge of Psychology, just a willingness to work hard and complete all work set.

What does the course involve?

In Year 12 students will study Social Influence, Memory, Attachment, Approaches in Psychology, Psychopathology and Research Methods.

In Year 13, A Level students will go on to study Biopsychology, Issues and Debates in Psychology, Relationships, Eating Behaviour and Aggression.

How will my work be assessed?

There is regular testing of class based work and home learning. There is also extended writing practice.

At the end of Year 13 you will sit three written exams of two hours each comprised of multiple choice, short answer and extended writing questions.

In order to be able to develop your skills, knowledge and understanding in Psychology, at least 10% of the marks for A Level will require the applied use of mathematical skills.

What can I do afterwards?

Psychology is a relevant course for anyone who wants to work with people and there are very few jobs where this will not be the case. Your knowledge and understanding of human behaviour and what motivates people will prove invaluable to you as an individual and in any work that you do.

EXAM BOARD > AQA SPECIFICATION A

SOCIOLOGY

Is this course for me?

This Sociology course provides you with an exciting opportunity to gain a deeper understanding of the world around you and reflect on the social issues of modern contemporary society.

Over the two years, we will study a variety of themes including Socialisation, Culture, Identity, Power, Control and inequality within our society.

Throughout the course we will explore and debate a variety of questions enabling us to develop a greater understanding of the world around us.

What impact does digital communication have on social relations?

How do sociologists investigate inequality?

What are the patterns and trends in crime in relation to social class?

What qualifications do I need?

The exams for this course are all essay based, so you will need to have a grade 4 or above in English Literature or Language. You do not need to have taken Sociology at GCSE.

What does the course involve?

This is a two year course, divided into 3 components.

- Socialisation, Culture and Identity
- Researching and Understanding social inequality
- Debates in contemporary society

How will my work be assessed?

There will be three written exams at the end of the course. One exam on each component.

What can I do afterwards?

A fantastic option if you are going onto university to study any subject and useful in all Jobs. However If you are considering a career where you work with people, or specifically within the public sector such as teaching, police, social work, research then this is the choice for you!

EXAM BOARD > OCR

We are treated like the young adults we are becoming.

SPANISH

Is this course for me?

If you enjoy languages and current affairs, this could well be the course for you. Spanish is growing in popularity in schools throughout the UK and because it is a global language, it is highly sought after by employers. To be successful in languages, you have to enjoy reading and have an eye for detail. Spanish is considered to be one of the easiest languages to learn because its grammar and pronunciation are relatively straightforward. Learning Spanish is enjoyable and the culture of the Spanish speaking world is very diverse.

What qualifications do I need?

You will require a B grade or above at GCSE.

What does the course involve?

The course will involve the four skills, namely reading, writing, listening and speaking. Each has equal weighting. You will be required to understand journalistic texts taken from the Spanish press and media. You will have to express your own opinions on topical issues. There will be a greater emphasis on grammar, translation from English into Spanish and an awareness of literary texts and film is also an important component of the course.

How will my work be assessed?

Your work will be externally examined for all components of the course; there is no coursework.

You will sit three papers:

Listening, reading and translation.

Speaking which involves responding to written texts about Spanish culture.

Writing which involves translation and grammar exercises, as well as responding to a literary text and a film in the Spanish language.

There will also be a speaking examination which is recorded and marked externally.

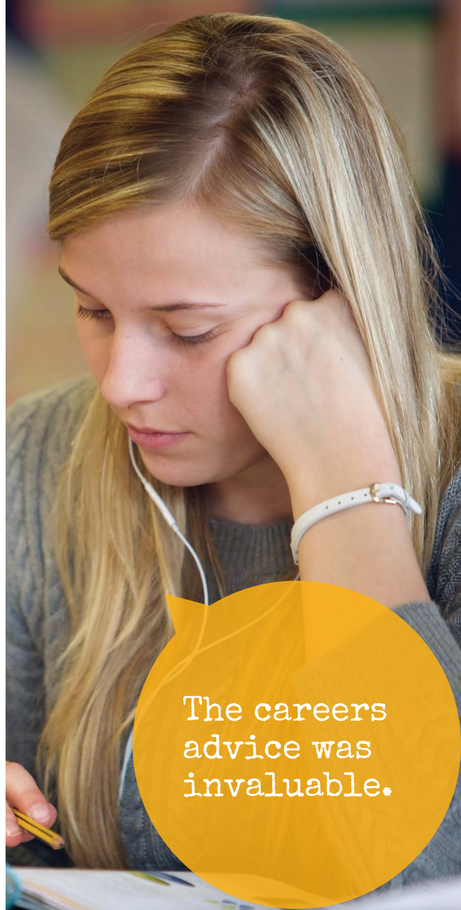
What can I do afterwards?

You can combine Spanish with any other qualification, accountancy, engineering, commerce, medicine and this will enable you to work in Spain or Latin America. If you want to work directly with languages you could become an interpreter, translator, tour guide or foreign correspondent.

EXAM BOARD > AQA

2016 DESTINATIONS

NAME	DESTINATION	COURSE PLACED
Ionie Adams	Portsmouth	Criminology with Psychology
Jasmine Ayers	Bristol UWE	Business and Law
Andrew Barnes	Swansea	Computer Science
Katherine Bennett	Bath Spa	Psychology
Fraser Betts	Kingston	Biomedical Science
Victoria Bishop	Bristol UWE	Biological Sciences
Max Branson	Bath	Chemistry for Drug Discovery
Abigail Bunkum	Bath	Biomedical Sciences
Adrian Cheong	Exeter	Medical Sciences
Daisy-May Collins-Board	Bath Spa	Environmental Science
Ellen Cooper	Swansea	Genetics
Isabel Crockett	Plymouth	Nursing (Child Health)
Joshua Crook	Hertfordshire	Paramedic Science
Rory Davis	Birmingham	Mechanical Engineering
Harry Elliott	Gloucester	Sports Development & Coaching
Joshua Elliott	Plymouth	Police & Criminal Justice Studies
Lauren Evans	Cardiff	Psychology
Jemma Gidley	Plymouth MARJ	Primary Education
Jake Good	Plymouth MARJ	Sport Development & Coaching
Toby Goodwin	Loughborough	Physics with Sport Science
Jack Hall	Exeter	Computer Science
Robin Hannaford	Southampton	Aeronautics and Astronautics
Luke Harris	Cardiff	Biological Sciences
Joseph Hawkins	Roehampton	Zoology
Bethan Hellier	Exeter	History
Ben Hepburn	Worcester	Computing & Mathematics
Callum Howe	Plymouth	Marketing
Ben Howkins	London School of Economics	Law (Batchelor of Laws)
Ferne Kelly	Bristol	Biochemistry
Philippa Laverick	Sheffield Hallam	Applied Social Science
Amy Parnall	Bristol UWE	Business and Management
Mitchell Pearce	Greenwich	Paramedic Science
Keane Powell	Plymouth MARJ	Sports Development and Coaching
Shannon Reiness	Keele	Biology
James Royle	Bath	Mechanical & Electrical Engineering
Erin Santillo	Birmingham	English Language and Literature
Eleanor Self	Bath	Natural Sciences
Etienne Sharkey	Portsmouth	Software Engineering
Isabel Sheldon	Reading	Philosophy & Politics
Katherine Stagg	Queen Mary London	Politics
Joshua Stanton-Granger	Swansea	American Studies and Politics
Lauren Tomkins-Smith	Plymouth MARJ	Primary Education
Charles Vicente	Southampton	History
Samuel Wincott	Cardiff	Computer Science



Clyst Vale
COMMUNITY COLLEGE
A Science, Maths and Computing Academy

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