



# Camborne Sixth Form



# Welcome



**Emma Haase**  
Principal

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Camborne Sixth Form is a truly amazing facility that will equip you with the results and experiences to succeed in the next phase of your life. It offers a wide range of courses, outstanding results, high quality teaching from passionate teachers, specialist facilities, and a strong system of support from a dedicated pastoral team.

Camborne Sixth Form welcomes students from all across Cornwall and is a friendly place where students quickly settle in and make friends. We care and it shows – students regularly comment on how valued, respected and special they feel and how teachers go the extra mile for them to ensure they are successful in their studies and beyond.

Camborne Sixth Form places an emphasis on academic achievement and success. We want you to do well, to achieve your potential, to be your very best! Year-on-year The Camborne Sixth Form achieves excellent examination results, placing us amongst the very best post-16 provisions in the country. The vast majority of our students go on to study at university, many at the most competitive and prestigious universities in the country!

Camborne Sixth Form offers a truly amazing range of extra-curricular opportunities allowing our students to be adventurous, challenged, develop new skills, interests, hobbies and talents with like-minded students. The programme offers some real 'wow' moments for all who take part.

I believe Camborne Sixth Form is an amazing place to study; it will not disappoint. It is the ideal pace to study, a natural stepping stone between school, university and the wider world."

**40%**  
of students achieve  
**A\* and A grades**  
at A Level

**100%**  
**A-Level**  
average pass rate

Consecutively  
in top  
**10%**  
of the UK  
for progress

**DIST**  
vocational  
average grade

Proud to be the only  
**OUTSTANDING**

Sixth Form provision in Cornwall  
As rated by OFSTED in our latest inspection

## Contents

<b>02</b>	Welcome
<b>04</b>	Student Life
<b>06</b>	Scholarships
<b>08</b>	International Programme
<b>09</b>	Sport Academies
<b>10</b>	Outdoor Education
<b>13</b>	Subjects Outline
<b>14</b>	Courses
<b>27</b>	University Destinations
<b>28</b>	Cornwall School of Maths & Science (CSMS)
<b>29</b>	Cornwall School of Liberal Arts (CSLA)
<b>30</b>	A Level Entry Requirements
<b>31</b>	Vocational Entry Requirements

# Student Life

Camborne Sixth Form is a vibrant learning environment which is intended to support students as they develop their confidence, enhance their academic skills and understanding, and become increasingly independent.

The dedicated Sixth Form Centre has been designed to support students as they work, rest and play bridging the gap between school and university.

The large Common Room is furnished with soft seating and is awash with conversation during breaks, lunchtimes, and afterschool as students catch-up throughout the day.

The Independent Study computer suite is well used by students as they take more and more responsibility for their own learning as they move from Year 12 through to Year 13.

The Sixth Form Centre is also lucky enough to have a fully staffed Study Support room to help students as they develop their learning skills, complete coursework or homework, and plan their pathway to higher education,

apprenticeships or employment.

The Sixth Form has a coffee shop serving breakfast, lunch, snacks, and drinks throughout the day. Students are often found taking full advantage of the café culture environment talking about their subjects over a cup of hot chocolate, tea or a coffee.

On sunny days, the outside areas become the hub of student social time either on one of the park benches or using the picnic blankets. The Sixth Form encourages student voice and has an active Student Leadership Team incorporating Head Students, Student Director and the Student Committee.

The Induction Day on the first day of the academic year sets the tone for the next two years. Students work together, guided by tutors and the pastoral team, to problem solve and meet a variety of challenges whilst having a bit of fun thrown into the mix.



# Student Leadership team

Camborne Sixth Form Student Leadership team is comprised of Head Student positions and a Student Director. They are supported in their role by deputies as they represent the school and shape the future of our Sixth Form community.

The Head Students represent the school at a range of events. Including delivering speeches at open evenings, attending whole school events such as the celebration evenings and being role models to the younger year groups. The head students also lead Student Voice meetings. Our Student Directors represent the Sixth Form community and are voted into position by Sixth Form students. They represent both the school



and Camborne Sixth Form. They meet regularly with Sixth Form staff to plan social and learning events for the students. These have included the Summer and Winter Ball, Quiz Nights, Charity Events, Student Wellbeing Events and Student First Aid Courses. They speak on behalf of the Sixth Form students to develop the Sixth Form community.



“Students in the Sixth Form are well supported. They have much help and guidance to secure appropriate university courses or apprenticeship.

Curriculum is particularly well designed and implemented in the Sixth Form.

OFSTED

# Scholarships

## Next Steps



“

The Scholarship was invaluable in enabling me to complete work experience at UK Biocentre in Milton Keynes. It allowed me to travel and stay there independently, helping me become more resilient. The placement was incredible, as the Biocentre stores genetic samples like blood and saliva and extracts DNA using various machines. One of their main projects, 'Our Future Health,' focuses on detecting illnesses before symptoms appear. This experience was highly insightful, as I observed cutting-edge technology and science in action. I'm certain the Scholarship played a key role in securing my place at the University of Oxford, where I aim to pursue a career in Pharmacology.

### MAYA D

Studied: Mathematics, Biology, Chemistry and EPQ



“

My scholarship allowed me to travel to Bali, Indonesia where I volunteered in a special needs school. Over the three weeks, I taught lessons, helped the children with crafts and participation in sports. The trip enabled me to experience the Balinese culture as the volunteers were catered for by a local family. Not only did the scholarship inspire me to continue to work with underprivileged children, both the application process and the placement allowed me to develop valuable life skills. It was such a wonderful opportunity!

### EL M

Studied: Biology Chemistry and Geography



“

My scholarship was to go to Calpe, Spain, for over three weeks in the winter, training and living with professional cyclists, allowing me to get a massive amount of training in. My tutors also maximised my timetable to help me to get the most out of my studies, and still have the time needed to maintain National/International level racing. Mixing BTEC and A-Level allowed me to have the best opportunity for University or an apprenticeship. Camborne Sixth Form are 100% supportive of time off for racing and training when needed.

### Harry J

Studied: Single and Double Sport and an EPQ

## Scholarships and Enrichment

Camborne Sixth Form is proud to offer students opportunities that extend far beyond the classroom. Our Scholarships Programme encourages students to enrich their learning and broaden their horizons — preparing them for university, apprenticeships, or employment.

## Supporting Independence and Ambition

We believe independence is key to raising aspirations and achieving exceptional outcomes. Each year, Camborne Sixth Form supports students to pursue ambitious personal, academic, and global experiences. In recent years, scholars have taken part in international conservation and aid projects in Ghana and Argentina; attended residential exam preparation courses at Villiers Park; experienced university life in Oxford; and gained skills such as driving, scuba diving, flying, parachuting and teaching snowboarding. Others have undertaken work experience placements in Morocco, Tanzania, Canada, Spain and the Dominican Republic.

## Applying for a Scholarship

A limited number of scholarships are available each year to support students undertaking an exceptional academic or enrichment challenge. Financial awards are granted on the basis of outstanding applications that demonstrate ambition, planning and personal growth. Applications for Scholarships open in the first term of each academic year, and competition is high — so students are encouraged to think creatively and apply early.



## International Programme

When you join Camborne Sixth Form, you'll be part of a community that looks far beyond the classroom — to a world of discovery, collaboration and opportunity. Our international programme lies at the heart of what makes Camborne Sixth Form unique, giving students the chance to learn, compete and contribute on a truly global stage.

From science fairs in Japan, Australia, Canada, South Korea and China to mathematics competitions in Singapore, our students represent the school — and the UK — among the brightest young minds in the world. They conduct collaborative research with international peers, share ideas that cross borders and cultures, and gain experiences that set them apart in university applications and future careers.

- University summer schools
- Oxford and Cambridge residential visits
- English, Drama, Design & Technology and Humanities trips to London
- History and Modern Foreign Language visits to France, Poland and Germany
- Taster lectures and seminars



- International Science Fairs in Japan, Australia, Canada, South Korea and China
- International Mathematics Competitions in Singapore
- Local community and cultural exchange visits to Thailand

Our international programme enables students to explore learning on a global scale — from competing in international science and maths competitions to collaborating on research projects with students from around the world.

At Camborne Sixth Form, we believe that education should inspire curiosity, broaden perspectives and prepare students to make their mark on an ever-changing world.

## Sport Academies

As well as offering formal examination courses in PE and Sport, Camborne Sixth Form provides students with a diverse range of sporting opportunities. Students can take part in the Community Sports Leader Award and Higher Sports Leader Award — national leadership programmes that develop coaching and organisational skills through running activities both in school and within the wider community.

Throughout the year, the PE Faculty offers a variety of coaching and officiating courses in specialist sports, where students can gain nationally recognised qualifications. Enrichment trips and visits have included top division football, rugby, netball and cricket fixtures,

Wimbledon, and the annual ski trip.

Our Sports Academy Programme is designed to respond to student demand, enhancing academic study with tailored training and leadership experiences. Sports Academy students also benefit from subsidies towards high-quality sportswear.

We offer two levels of Academy:

**Full Academy**, currently available in Netball, Football and Rugby. In addition, students can take part in Ten Tors and the Duke of Edinburgh Gold Award (see page 16).

**Focus Academy**, for students who wish to remain actively involved in sport but cannot commit to the Full Academy. This includes a weekly fitness or coaching session and Wednesday afternoon fixtures.

### CAITLYN O

Studying Medical Sciences, University of Exeter

“ I received exceptional support and encouragement throughout my A levels in Biology, Chemistry, Geography and Mathematics, as well as through extracurricular activities such as U19 National Netball. I am now in my final year of a Medical Sciences degree at the University of Exeter and play in the university's high-performance netball squad. Camborne Sixth Form and its staff were instrumental in preparing me for the future and created a genuinely enjoyable environment for learning.



### Olivia H

Studying BVSc Veterinary Science, University of Bristol

“ Camborne Sixth Form was amazing — I had incredible support from my teachers, which helped me achieve the grades I needed to pursue my dream of becoming a vet. During my time there, I took part in three international trips — two to Australia and one to Japan — where I carried out animal-related research projects that proved invaluable during my university interviews. At one university, they even kept my research papers, saying they'd never seen anything like them from A level students!

I also represented the school in netball, hockey, swimming, shooting and show jumping, and competed at national championships in tetrathlon, eventing and show jumping.



# Outdoor Education

Camborne Science & International Academy Outdoor Education offers a voluntary programme of extracurricular activities designed to support the personal and social development of our young people. Among the most popular opportunities for Camborne Sixth Form students are the Gold Duke of Edinburgh's Award and the Ten Tors Challenge.

## The Gold DofE Award

Regardless of previous experience, all Camborne Sixth Form students are encouraged to work towards the prestigious Gold Award — the highest level of the Duke of Edinburgh's scheme. The award is highly valued by employers and universities alike and remains the only extracurricular achievement formally recognised by UCAS during university applications.

Camborne Sixth Form consistently achieves one of the highest success rates for the Gold Award in Cornwall, with students frequently invited to Buckingham Palace and St James's Palace to receive their certificates. The expedition is often the highlight of the programme: following a practice trek on Dartmoor, teams travel to North Wales to tackle a four-day expedition that includes a summit ascent of Snowdon.



**200**  
students are  
currently taking  
part

**Over  
280**  
awards since  
2019

## Ten Tors

The annual Ten Tors Challenge is recognised as one of the most demanding youth outdoor events in the country, drawing teams from across the UK. For many students, it is a defining and transformative experience.

Camborne Sixth Form students have the opportunity to take part in the 45- or 55-mile categories, completing their journey over two days across the rugged terrain of Dartmoor National Park. Teams of six must be entirely self-sufficient, carrying all their food, water and equipment, camping overnight on the moor, and completing their route before the 5 pm deadline.

Weather conditions are often severe, testing teamwork, determination and resilience. Success depends on the preparation and commitment shown throughout months of training. In recent years, the school has achieved success across all three event distances — with our first 55-mile team completing the gruelling challenge in 2019.





20+  
A-level  
Options

13  
Vocational  
Options

# Subjects

All students at Camborne Sixth Form follow a two-year study programme. Most students study a minimum of three subjects — either three A levels, or a combination of A Levels and Vocational qualifications equivalent to three courses in total

Our Vocational qualifications are recognised by universities and employers and provide a more practical approach to learning in subjects such as Sport, Health and Social Care, and Business. These courses are modular in structure, with assessment through a balance of internally assessed coursework and external examinations.

## A-LEVELS

Art	French	Photography	Extended Project Qualification (equivalent to 0.5 A level)
Biology	Further Maths	Physics	
Chemistry	Geography	Politics	Core Maths (equivalent to 0.5 A level)
Computer Science	History	Psychology	
Economics	Maths	Sociology	
English Language & Literature	Media	Spanish	
English Literature	Philosophy & Ethics	Textiles	

## LEVEL 3 VOCATIONAL QUALIFICATIONS – BTEC AND ALTERNATIVE ACADEMIC QUALIFICATIONS (AAQ'S)

Business <i>BTEC</i>	Dance <i>BTEC</i>	Medical Science <i>AAQ</i>
Child Development <i>AAQ</i>	Drama <i>BTEC</i>	Music <i>BTEC</i>
Creative Digital Media Production <i>BTEC</i>	Food & Nutrition <i>WJEC</i>	Public Services <i>BTEC</i>
Criminology <i>WJEC</i>	Health & Social Care <i>AAQ</i>	Sport <b>D</b> <i>BTEC</i>
	Games Design <i>BTEC</i>	

## SPORT ACADEMIES

Duke of Edinburgh	Netball	Students should choose courses that add up to a total of 4 A Levels or equivalent.  (All A Levels are worth one.)
Cricket	Rugby	
Football	Ten Tors	
Hockey		

**D** Double option equivalent to 2 A-Levels

## Art A-Level



We encounter the work of artists and designers every day from the films we watch to the buildings we live in. Innovative creators help new ideas emerge and to make exciting new possibilities in the world around us. An exciting base for working in the world of the Creative Arts.

Whether you love photography, graphic design, painting or other practices, career options are limited only by your imagination.

- **Develop ideas through investigations**
- **Explore and select appropriate resources, media, techniques and processes**
- **Record ideas, observations and insights, reflecting critically on work and progress**
- **Present a personal and meaningful response that realises intention**

## Business BTEC



Focuses on practical, interpersonal and thinking skills required to succeed in employment, how to set up your own business or onto further education.

Learn transferable skills such as communication, teamwork, research and analysis. Assessed via project based portfolios which are internally and externally assessed.

- **Exploring Business**  
Purpose, structure, external environment effects, and evolving to survive
- **Developing a Marketing Campaign**
- **Personal and Business Finance**  
Profit, loss accounts and ratios
- **Optional unit: Recruitment and Selection**  
Managing an Event or Team Building

## Biology A-Level

An exciting and challenging subject that involves applying science in a laboratory environment and out in the real world. Study the basic principles of Biology including biological molecules, membranes and cell structure. Then take this further looking at Biological processes and how Biology affects you and the world we live in.

- **Development in practical skills**  
12 Practicals to gain a practical endorsement.
- **Foundations in Biology**
- **Exchange and transport**
- **Biodiversity evolution and disease**
- **Communication, homeostasis and energy**
- **Genetics, evolution and ecosystems**

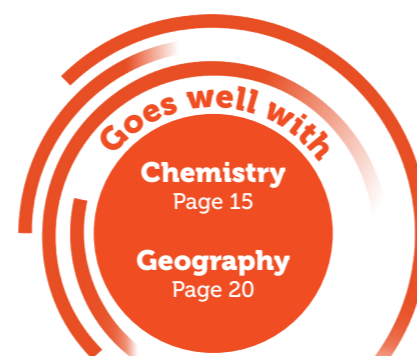


“

I studied Biology, Chemistry, Religion, Philosophy and Ethics and an EPQ. I was also given the opportunity to travel to three different continents and become involved in global research. The VI Form Academy helped me in realising my dream of becoming a doctor. I'm now in my third year at King's College London working on the frontlines of the COVID-19 pandemic at one of the top hospitals in the world.

**Betty C**

Studying Medicine,  
Kings College London



## Chemistry A-Level

Chemistry is sometimes called the “central science” as it links other sciences to each other, such as Biology, Physics and Psychology. It is a fun science: it will challenge your practical skills and answer questions about the world in a very specific way. Assessed through three exams.

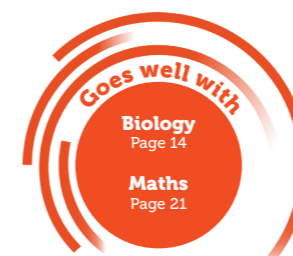
- **Foundations in chemistry**
- **Atom structure, quantitative chemistry**
- **Periodic table and energy**  
Trends in reactivity, periodicity, enthalpy
- **Physical chemistry & transition elements**  
Rates, equilibria, acids and bases & electrochemistry
- **Organic chemistry and analysis**  
Synthesis and spectroscopic technique

“

I received incredible support from Camborne Sixth Form. During the first Covid lockdown, the Head of Camborne Sixth Form called me every week to check in, and the pastoral care I received made a real difference throughout my time there and on my journey to university. My teachers were inspiring and encouraged me to achieve the best possible grades in Maths, Physics and Chemistry, which enabled me to go on to study Mathematics with Theoretical Physics at Plymouth University.

**Adam M**

Studying Mathematics with  
Theoretical Physics, Plymouth  
University



## Child Development AAQ

Are you passionate about shaping the lives of young children? The new BTEC (AAQ) Extended Certificate in Early Childhood Development equips you with the skills and knowledge to thrive in this vital and growing sector. You'll study how children learn and develop, explore key psychological theories, and gain practical experience to support their progress.

Designed to be taken alongside A Levels such as Sociology, Psychology, Biology or English, this course is equivalent to one A Level and prepares you for a rewarding career in Child Care.

**Mandatory:**

- **Children's Development**
- **Keeping Children Safe**
- **Play and Learning**
- **Research and Reflective Practice in an Early Childhood Setting**

## Computer Science A-Level



A practical subject where you can apply the academic principles learned in the classroom to real world systems. Values computational thinking, helping learners to develop the skills to solve problems, design systems and understand the power and limits of human and machine intelligence.

- **Components and uses of a computer**
- **Types of software and methodologies used to develop software**
- **Individual moral, social, ethical and cultural opportunities and risks of digital technology**
- **Problem solving and writing programs**
- **Algorithms to describe problems**
- **Programming project**



# Creative Digital Media Production BTEC

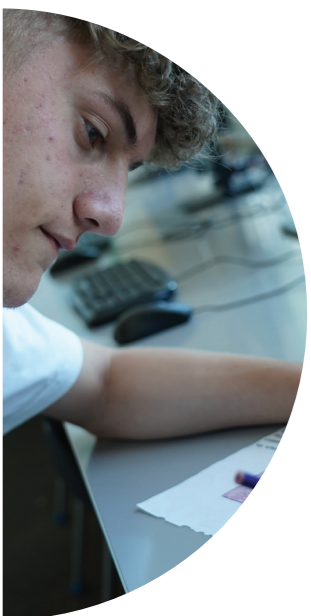
The qualification provides a coherent introduction to the study of creative digital media production. You develop an understanding of the media industry through analysing media representations and pitching and producing media projects, with a view to progressing to a wide range of higher education courses, not necessarily in IT. The qualification is divided into four units of work across the two year course; two of which are externally assessed.

- **Media Representation**
- **Pre Production Portfolio**
- **Responding to a Commission**
- **Website Production**

“

I am currently studying a mix of A Levels and vocational courses. I am very well supported in each of my courses to give me the very best chance of being accepted onto a degree at one of my chosen universities.

**NATHAN D**



# Criminology WJEC

WJEC Level 3 Diploma in Criminology will allow students to develop an understanding of different types of crime, influences on perceptions of crime and why some crime goes unreported. It will continue through exploring the reasons why people commit crime and how the criminal justice system works, from arrest to conviction.

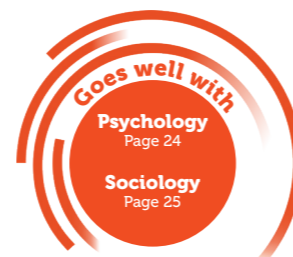
## Assessment

**Unit 1** – Changing awareness of crime – internally assessed through coursework.

**Unit 2** – Criminological Theories – externally assessed through 90-minute exam

**Unit 3** – Crime scene to courtroom – internally assessed through coursework.

**Unit 4** – Crime and punishment - externally assessed through 90-minute exam



# Drama BTEC

Learning professional scripts, devising your own performance and analysing previous and current touring repertoire. Gain technical, expressive and analysis skills. Students have the opportunity to perform in lessons and to invited audiences in BTEC Extended Certificate in Performing Arts (Drama).

- **A critical analysis of two practitioners**
- **Learning about the life of a performer**
- **Devising through workshops**
- **Optional – Research and create a production on one of the following:**  
Interpreting Classical Text or Movement for Performance, Acting styles, Improvisation or Musical theatre techniques



# Dance BTEC

Learn professional dance repertoire, devise your own performance and analyse previous and current touring works. Gain technical, expressive and analysis skills. Perform in the yearly showcase and experience professional choreographers workshops. A range of styles are offered including contemporary, street, ballet and jazz in the BTEC Extended Certificate in Performing Arts (Dance).

- **A critical analysis of two practitioners**
- **Life of a performer**
- **Devising through workshops**
- **Optional – Research and create choreography for one of the following: contemporary dance, ballet, tap, jazz, urban or musical theatre techniques.**

“

Ever since I was a little girl, I've dreamed of becoming a ballet teacher, and attending the Royal Academy has always been my ultimate goal. Camborne Sixth Form offers a fantastic and unique Scholarship Programme, designed to encourage students like me to seek out opportunities that support our progression. The experience was honestly one of the best of my life – I developed so many new skills during the week-long intensive training in ballet, contemporary dance, ballet repertoire and West End performance.

**Jess C**

Studying at the Royal Academy of Dance



# Economics A-Level



An introduction to different perspectives, economic history and developing an understanding of economic issues. Content includes the financial sector, behavioural economics, engaging students in current issues. Assessed through three external papers.

- **Introduction to markets and market failure**
- **The UK economy**  
Performance and policies
- **Business behaviour and the labour market**  
Microeconomic concepts
- **A global perspective**  
Macroeconomic concept

“

At Camborne Sixth Form, I studied Business, Chemistry, Economics, Mathematics and Further Maths, which gave me a strong foundation for university and beyond. The Sixth Form encouraged me to become an independent learner and provided incredible support with my university applications. I also had the chance to take part in international exchanges to Singapore and China, as well as scholarships to attend workshops across the country – including a week's financial experience in the heart of London and a mathematics week in Cambridge. These experiences developed so many of the skills I use every day in my career.

**Adam J**

Police Officer,  
Metropolitan Police



# English Literature & Language A-Level

Allows you to engage your passion for reading, writing and exploring a range of fiction and non-fiction texts. You will have opportunities to employ critical thinking methods, debate the meaning and impact of texts, and are encouraged to unleash your creative flair by experimenting with a range of writing styles.

- **Telling Stories**  
Explore how language is used to tell stories in non-fiction texts
- **Exploring Conflict**  
Re-create and evaluate an extract
- **Non-Examined Assessment**

**“** I loved my time at Camborne Sixth Form — it gave me the freedom to explore the subjects I was most passionate about. As part of the Student Leadership Team, I had a great time helping to plan events and build a sense of community. During my degree, I’ve become heavily involved in student media, writing for the university newspaper and working with the student radio station, Burn FM, with the goal of building a career in the radio and media industry.

**Emily Y**  
Studying English Language, University of Birmingham




# English Literature A-Level

If you adore reading, then this is the course for you as it will extend your passion for reading. The content of the course is broad and diverse and you will read novels, plays, collections of poetry, and a study of unseen texts. As well as producing a personalised critical study of two texts of your choice.

- **Love Through the Ages**  
Explore expressions and representations of love from the 16th to 21st centuries across poetry, prose and drama
- **WWI and its aftermath**  
Consider the various ways writers have responded to WWI in poetry, prose and drama, from 1914 to the present day

**“** I studied History, English Literature, Classical Studies and French at A Level before going on to read History at St John’s College, Oxford. My time at Camborne Sixth Form was incredibly rewarding — it gave me the opportunity not only to explore the subjects I loved, but also to develop my confidence through music, drama and public speaking. I have fond memories of the inspiring teachers who encouraged me to think critically and challenge myself. The skills I developed during my A Levels — from analytical thinking to precise use of language and constructing a clear argument — continue to shape how I approach my studies and professional life today.



**Martyn O**  
Political Editor and Presentor, BBC South West

**Goes well with**

**Media**  
Page 21

**History**  
Page 20



# Extended Project Qualification

Designed to extend and develop students’ skills in self-directed research and project management. You can take inspiration from a topic studied in class or entirely unrelated to your studies. Develop and apply problem solving skills. It will also enable you to become more critical, reflective and you will learn to apply new technologies confidently. It is valued by Oxbridge and Russell Group universities and employers with some universities making reduced offers to students undertaking an EPQ.

# Food & Nutrition WJEC

Studying Food, Science and Nutrition is more than a course, it’s a life skill. Gives you the opportunity to not just understand the science of food and nutrition but to create high quality food and gain skills that you will use for the rest of your life. Assessed using a combination of internal and external assessments.

- **Science of food safety, nutrition and nutritional needs**
- **Understanding of the science of food safety and hygiene**
- **Study subjects of particular interest or relevance to you, building on previous learning and experiences**

**“** The Food Science and Nutrition course has really helped me to shape my future career path. The support and opportunities I’ve had at Camborne Sixth Form have been incredible, and I’ve had a brilliant time here. One of my best experiences was completing the Gold Duke of Edinburgh’s Award — it was challenging but a great achievement.

**Lauren J**  
Studying Environmental Health, Cardiff Metropolitan University



# French A-Level

A-Level Foreign languages are vital. Business is now conducted globally and English is just not enough. Language learning helps to develop communication skills and makes you more employable. Languages are recognised as a facilitating subject and are highly regarded by Russell Group universities.

- **Les changements dans la société française**
- **La culture politique et artistique dans les pays francophones**
- **L’immigration et la société multiculturelle française**
- **L’Occupation et la Résistance**
- **Study a French book and a French film**
- **Independent research project**

**Goes well with**

**Spanish**  
Page 25

**English Lit**  
Page 18



# Games Design BTEC

The Pearson BTEC Level 3 National Extended Certificate in Creative Digital Media Production (Game Design) is a practical qualification that focuses on the creative and technical processes involved in designing and producing digital games. Students will explore how ideas are developed into playable experiences, gaining hands-on experience in areas such as concept development, 2D and 3D asset creation, level design, storytelling, and gameplay mechanics. The course blends creative design with technical skills using industry-standard software and game engines, preparing students for further study or employment in game design, animation, or interactive media.

**The mandatory units cover the following areas:**

- **Pre-production and planning**
- **Game design and development**
- **2D and 3D asset creation**
- **Responding to a creative brief**

**Additional Units**

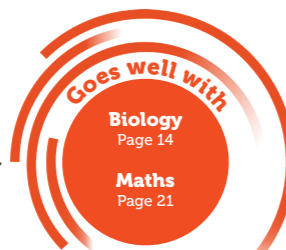
- **3D Modelling**
- **Building a 3D Game Environment**
- **3D Game Engine Scripting**



## Geography A-Level

Dealing with vital issues such as climate change, migration, environmental degradation, social issues and natural hazards. Enjoy a scope of material, it can provide insights into the world around us and the highly contemporary nature of the issues it tackles.

- **Physical themes** Water & Carbon cycles and Coastal Landscape systems
- **Human themes** Global systems & Global governance and Changing Place(s)
- **People-environment questions and issues** Contemporary Urban Environments & Hazards
- **Minimum of 4 days compulsory fieldwork**
- **Independent investigation** Any aspect of geography of your choice



## Health & Social Care AAQ

Are you interested in supporting the well-being of individuals in society? The Health and Social Care sector offers rewarding career opportunities in fields such as nursing, social work, and care management. Our BTEC AAQ in Health and Social Care provides you with essential knowledge of human development, health policies, and care practices. You'll gain practical skills and explore key psychological and sociological theories. This course pairs well with A Levels in Biology or Psychology, opening doors to a range of healthcare and social work careers. The course is equivalent to one A level.

### Mandatory:

- **Human Lifespan and Development**
- **Human Biology and Health**
- **Principles of Health and Social Care Practice**

### Optional:

- **Health, Policy and Wellbeing**
- **Promoting Health Education**
- **Safe Environments in Health and Social Care**
- **Health Science**

## History A-Level

History is a challenging subject, but it will broaden your mind and imbue you with skills of evaluation, use of evidence and critical analysis, which will enhance your desirability to prospective employers. A highly respected 'gateway' subject which provides access to a wide range of professional and specialist careers, such as international politics, the security services such as Mi5, SiS and GCHQ, humanitarian work and the civil service. It is also a facilitating subject for studying Law at University.

- **Anglo Saxon and Norman England**
- **French Revolution and Napoleon**
- **Changing Nature of Warfare (1792-1945)**
- **Coursework:** Independent study, allows you to research a topic of your choice

“

Studied A-Levels in History, Geography, Biology and BTEC Health and Social Care. The high academic standards, supportive teachers and extracurricular opportunities, such as the Student Leadership Team, gave me a well-rounded set of skills and prepared me for university.

### Martha A

Studied at University of Exeter and is now a teacher at CSIA



## Maths Core

Core Maths is a one year course and will provide you with an AS Level qualification. It will develop your quantitative and problem solving skills using real data and exploring topical issues. It will prepare you for degree courses such as Psychology, Geography, Sport, Social Sciences, Natural Sciences and Business-related courses.

- **Maths for Personal Finance** taxation, loans and interest rates
- **Analysis of Data** representing real data numerically and diagrammatically
- **Critical Path and Risk Analysis**
- **Communicating Mathematically**



## Maths A-Level

One of our most popular courses, with our students consistently performing within the top 10% of the country. Maths is highly valued by universities and often a pre-requisite subject for degree courses such as engineering, finance, economics and each of the sciences.

- **Mathematical Proof**
- **Algebra and Functions**
- **Trigonometry**
- **Calculus**
- **Statistics** Interpretation of Data, Statistical Distributions and Hypothesis Testing of Statistical Models
- **Mechanics** Kinematics in 2D and 3D, Forces and Newton's Law and Moments

## Maths Further A-Level

Students who enjoy studying Mathematics will enjoy the challenge that Further Mathematics provides. It is studied alongside Maths, and together they form two of the Russell Group universities' 'facilitating' subjects. Opportunity to compete in local events, study for the STEP/MAT Oxbridge Exams, and enter International Mathematics competitions.

- **Complex Numbers**
- **Matrices**
- **Polar Coordinates**
- **Hyperbolic Functions**
- **Further Statistics** Chi Squares Tests, Probability Generating Functions and Further Distributions
- **Decision Maths** Algorithms and Graph Theory, Critical Path Analysis and Linear Programming

“

I studied Maths, Further Maths, Physics and the EPQ and gained the skills needed to study Aerospace Engineering at the University of Bath. I have been awarded a Woman in Technology scholarship with Schlumberger which has lead to a year in industry learning the necessary skills to become a good engineer.

### Mia F

Studying Aerospace Engineering, University of Bath

## Media A-Level

Offers you the chance to extend your knowledge and expand your horizons by examining how media functions in the modern world. Consider how our world view is shaped by what we see, hear, watch, read and interact with in media in everyday life.

- **Study media language, representations, industries and audiences** Advertising, marketing, radio, newspapers and film
- **Explore Television, magazines and online, social media and video games in depth**
- **Non-Examined Assessment** Create your own media product

“

Being dyslexic, I often found schoolwork challenging, but at Camborne Sixth Form I discovered my passion for technical subjects. I studied BTEC Digital Applications alongside A Levels in Business, Photography and Media, which set me on the path to a creative career. After graduating from Bath Spa University with a BA in Creative Media Practice in 2012, I now work in TV post-production for clients including the BBC, Channel 4 and National Geographic. The exceptional support from teachers and staff at Camborne Sixth Form gave me the confidence to pursue my dream job.

### Mike K

Offline TV Editor



# Medical Science AAQ

The Pearson Level 3 Alternative Academic Qualification BTEC National in Medical Science (Extended Certificate) enables students to study the principles and applications of medical science through three mandatory units, and further explore other areas in more detail via an optional unit.

The mandatory units cover the following areas:

- **Human anatomy, physiology and pathology**
- **Health issues and scientific reporting**
- **Practical microbiology and infectious diseases.**

The course will comprise of 2 external assessments, one to be completed each year of study. In addition to this there will be 2 internal assessments one mandatory and one optional unit.

The core and specialist medical science knowledge, understanding and skills that students develop create a good foundation for transition to related degrees. Skills such as critical thinking and independent learning help students to be better prepared for the self-directed learning approach used in higher education and become more open-minded to learning. Research skills, in combination with the other transferable skills, create a strong foundation for academic success.



# Music BTEC

An overview of the music sector and is perfect for students who love performing and creating their own music. Allows you to develop a range of transferable skills, including cognitive and problem-solving skills, preparing you for music at university, and for work in the music industry.

- **Practical Music** Theory and Harmony  
Examine music theory through composition
- **Professional Practice in the Music Industry**  
Develop an understanding of music industry organisations
- **Ensemble Music Performance**  
Develop an ensemble performance.
- **Optional: Composing Music or Solo Performance**  
Develop an original composition or a solo performance

# Photography A-Level

Deepen your understanding of the visual world throughout history and be introduced to the diverse roles and functions of Photography within different cultures and contemporary life. A foundation in this subject can lead to a wide range of career opportunities in the creative industries, an area experiencing great expansion in this country.

- **Explore work of other photographers**
- **Advanced camera settings and lighting techniques**
- **Digital manipulation techniques**
- **Dark room film processing**



# Physics A-Level

Physics endeavours to explain the world around us, from the smallest subatomic particles, up to the evolution of the universe. Physicists must be exceptionally creative, constructing and using models that reflect our surroundings and then, as Richard Feynman said "We are trying to prove ourselves wrong as quickly as possible, because only in that way can we find progress."

- **Particles and radiation**
- **Waves**
- **Mechanics and materials**
- **Electricity**  
**A-Level only:**
- **Further mechanics and thermal physics**
- **Fields and their consequences**
- **Nuclear physics**
- **Turning points**

“

My work experience at the European Space Agency was an incredible opportunity that deepened my fascination with the universe. Studying Physics at Camborne Sixth Form really inspired me to think beyond the classroom — it gave me the curiosity and analytical skills that made the experience even more rewarding. I've always found that taking a moment to look up at the stars can open your mind and spark inspiration, no matter where you are.

**Ollie T**

Studied Biology, EPQ, Mathematics and Physics at Camborne Sixth Form



# Politics A-Level

Students will gain knowledge on UK Politics, The UK Government and look at a comparative system; either US Government and Politics or another global political system. The course also examines the theoretical underpinnings, with time spent analysing liberalism, socialism, conservatism, and nationalism. Students will develop critical writing, oral and analytical skills. This is an essay-based subject, so students should expect to write at length. They will also need to keep up-to-date with the news and current affairs. Politics is a perfect complement to many other subjects. It is extremely stimulating and relevant and you will develop excellent key skills in research and communication.



# Product Design A-Level

Creative and thought-provoking subject provides the practical skills, theoretical knowledge, and confidence to succeed in the world of creative design. Investigate historical, social, cultural, environmental, and economic influences on design and technology, and then put your learning into practice.

- **Technical Principles**  
Worth 30%
- **Designing and Making Principles**  
Worth 20%
- **Non-examined assessment**  
Worth 50%

“

Joining Camborne Sixth Form from another school, I was given a warm welcome by friendly students and dedicated staff. I was pushed academically and supported emotionally, which helped me to thrive both in and beyond the classroom. Studying Mathematics, Physics and 3D Design strengthened my problem-solving skills and confirmed my passion for engineering. As Chairman of the Student Committee, I was also able to give back to the school community. With support from Camborne Sixth Form's careers advisor, I gained admission to Coventry University to study Civil Engineering.

**Michael W**  
Design Manager

# Psychology A-Level

Psychology is the scientific study of mind and behaviour. The course involves the examination and analysis of various theories of behaviour and the consideration of research evidence. Knowing how and why people behave in the way that they do can be very advantageous in numerous career pathways.

- **Social influence**
- **Memory**
- **Attachment**
- **Psychopathology**
- **Approaches in Psychology**
- **Biopsychology**
- **Research methods**
- **Issues and debates in Psychology**
- **Schizophrenia**
- **Forensic Psychology**
- **Cognition & Development**



“I've really enjoyed studying Psychology at Camborne Sixth Form. It's fascinating to explore the different theories of learning and understand how these can be applied in real-life educational settings. Topics such as cognitive development, behaviourism and social learning have helped me to see how children think and grow, which directly supports my future goal of becoming a primary school teacher. Studying Psychology has not only deepened my understanding of human behaviour but also strengthened my communication and analytical skills — qualities I know will be essential in my chosen career.

**Eva R**



# Public Services BTEC

If you are looking for a career in the armed forces, blue light public services or wanting to undertake a Uniformed Protective Service degree at University, then this is the course for you. It will give you an insight into a range of skills which you will require for all of these roles.

- **Leadership and Teamwork in the Uniformed Protective Services**
- **Land and Water based Activities**
- **Outdoor Adventurous Expeditions**
- **Behaviour and Discipline**
- **Coursework, practical assessment and external exams**



# Religion, Philosophy & Ethics A-Level

What is the purpose of life? Who decides what is right and wrong? Do we have a conscience, or a soul? What is truth? These are some of the fascinating questions you will study. It opens up options in many careers: Law, Business, Public Services, Medical Ethics and Teaching.

- **Ancient Greek philosophy**
- **The nature and existence of God**
- **Philosophical challenges to religious belief**
- **Ethical theories and the application of these to contemporary issues**
- **Buddhist Philosophy and beliefs**



# Sociology A-Level

A social science aimed at trying to understand society and its people. It is an attempt to understand differences between people and how that may influence behaviour and outcomes. For example, we try and answer questions such as “Why are males more likely to commit crime?” or “Why are girls more successful at school?” All of Sociology is an attempt to understand the rich theoretical perspectives that underpin Sociological thought.

- **Youth and Culture**
- **The Sociology of Education**
- **Research methods and the role of a Sociologist**
- **Social differentiation and stratification**
- **The Sociology of Crime and Deviance**



# Spanish A-Level

A-Level Foreign languages are vital. Business is now conducted globally and English is just not enough. Language learning helps to develop communication skills and makes you more employable. Languages are recognised as a facilitating subject and are highly regarded by Russell Group universities.

- **La evolución de la sociedad española**
- **La cultura en el mundo de habla española**
- **La inmigración y la sociedad multicultural española**
- **La dictadura franquista y la transición a la democracia**
- **Study a Spanish book and a Spanish film**
- **Independent research project**



# Sport BTEC single or double

Gain an insight into the world of sport and develop your knowledge. Study for additional qualifications such as, First Aid and the Sports Leaders Level 3. Opportunity to participate in a range of sports and adventurous activities. Continuous assessment through coursework, practical assessment and external exams.

- **Anatomy and Physiology**
- **Sports Leadership in association with SLUK**
- **Volunteering experience in primary schools**
- **Skill Acquisition**
- **Professional Development in Sport**
- **Coaching for Performance**
- **Sport Event Management**

“

I studied the BTEC Extended Diploma in Sport at Camborne Sixth Form and really enjoyed learning about anatomy and how the body responds to different types of exercise. This knowledge helped me to improve my performance in rugby, as I gained a better understanding of how to target specific areas for development. The course also prepared me for the future — my passion for sport has guided me towards my next step, progressing to the Royal Navy at a higher level. Sport was a fantastic course to study, offering opportunities to pursue a career in an exciting and constantly evolving industry that I'm truly passionate about.

**Ben S**



# Textiles A-Level



Art and Design Textiles allows you to shine through a range of textile media. You can choose to specialise in fashion and costume, interiors or textile based art pieces. You will be introduced to a variety of textile media, processes and techniques. You will use sketchbooks and journals to tell the story of your creative journey. You will be assessed based on your portfolio of work and practical exam in yr13.

- **Create a technical file of textile techniques**
- **Research a topic of your choice, creating a portfolio in response**
- **Develop your ideas into a realised final outcome**
- **Learn how to develop your ideas into a realised final outcome**

“

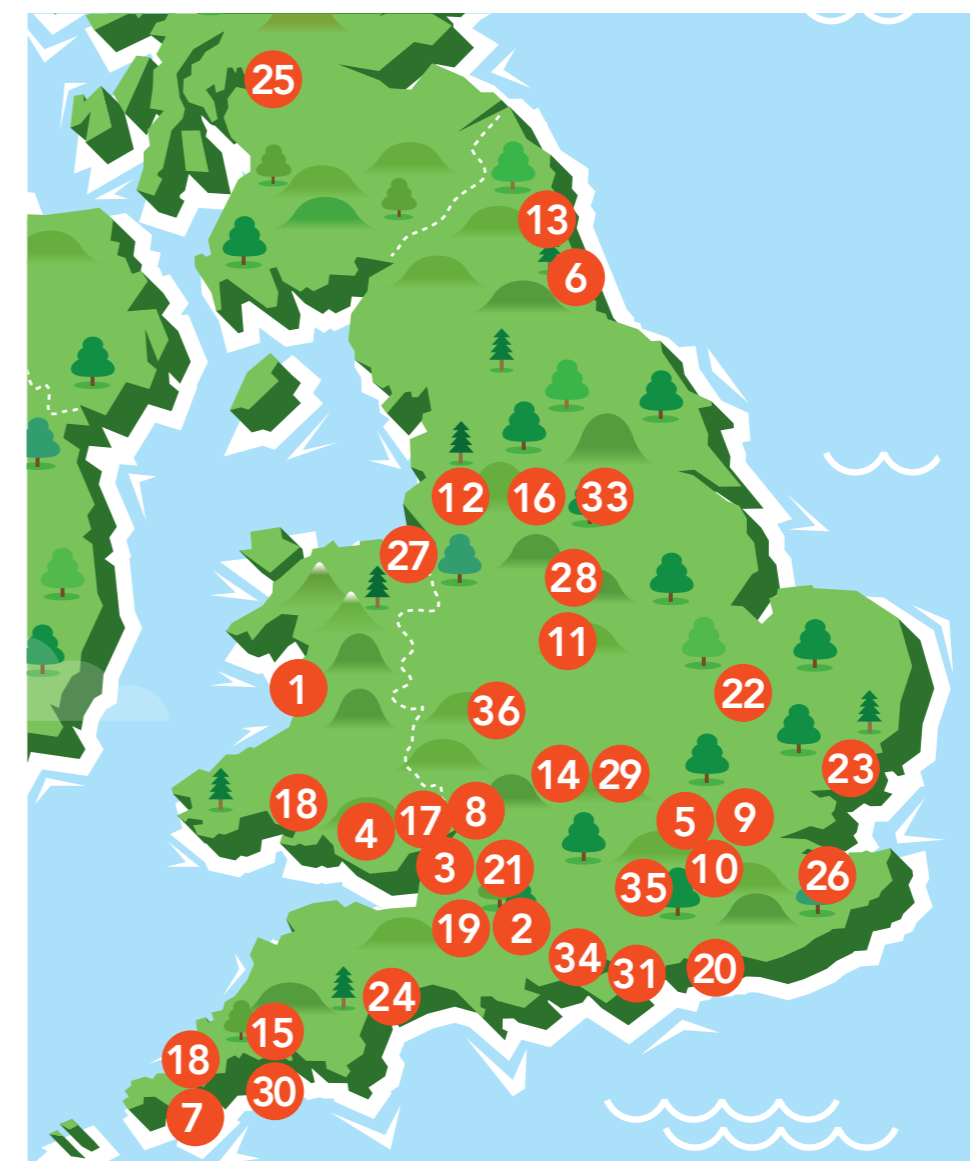


I really enjoyed my time at Camborne Sixth Form, where I was encouraged to study the subjects I loved most. I took Spanish, Business and English, and chose Textiles as a hobby — but it quickly became my favourite subject and the area I went on to specialise in after leaving Camborne Sixth Form. Since then, I've been fortunate enough to travel the world with my work and now run my own successful business. What began as a hobby has truly become my career.

**Allessandria C**  
International Fashion Designer

# Dream Big: Destinations from Camborne Sixth Form

## LEARN LOCALLY, SUCCEED GLOBALLY



1. Aberystwyth University
2. Bath Spa University
3. Bristol, University of the West of England
4. Cardiff University
5. City, University of London
6. Durham University
7. Falmouth University
8. Hartpury University
9. Imperial College London
10. Kingston University
11. Loughborough University
12. Manchester Metropolitan University
13. Northumbria University, Newcastle
14. Oxford Brookes University
15. Plymouth Marjon University
16. Sheffield Hallam University
17. Swansea University
18. University Centre Truro and Penwith
19. University of Bath
20. University of Brighton
21. University of Bristol
22. University of Cambridge
23. University of Essex
24. University of Exeter
25. University of Glasgow
26. University of Kent
27. University of Liverpool
28. University of Nottingham
29. University of Oxford
30. University of Plymouth
31. University of Portsmouth
32. University of Reading
33. University of Sheffield
34. University of Southampton
35. University of Surrey
36. University of Warwick

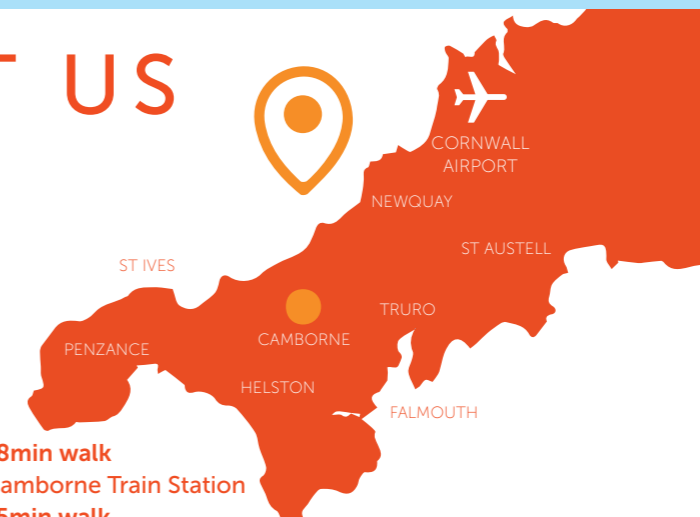
## VISIT US



**Camborne Sixth Form**

**CAMBORNE SIXTH FORM**  
Cranberry Rd  
Camborne  
Cornwall  
TR14 7PP

18min walk  
Camborne Train Station  
15min walk  
Camborne Bus Station



# CSMS

CORNWALL SCHOOL OF  
MATHEMATICS AND SCIENCE

FUTUROS PRINCIPES EXCOLIMUS

CSMS offers elite STEM education, research opportunities and academic enrichment for high-achieving students in Cornwall and beyond. At CSMS, we are proud to be Inspiring Future Leaders by equipping them with the knowledge and skills they need to succeed.

CSMS is part of Camborne Sixth Form at Camborne Science and International Academy, which is the top state-funded Post-16 STEM provider in Cornwall. We believe in a traditional approach to teaching and learning; where brilliant specialist teachers and attentive, ambitious learners come together to achieve exceptional results – but we also believe in the modern, the cutting edge and the innovative.

With STEM maths workshops, dedicated pathways for supporting subject specialisms, an international programme of peer-to-peer collaboration and partnership, an inspirational academic lecture series, research placements, summer schools and more, CSMS provides the

stimulating, supportive and educational environment in which students can flourish to achieve their future potential.

## Why CSMS?

Our students are stretched and challenged to think way beyond the curriculum; the programme at CSMS allows you to work and thrive in a place where you are surrounded by other like minded students and staff, and visiting academics provide an intensive programme of lectures and seminars showcasing their current research. These experiences inspire and prepare the students for life at university, and provide a unique opportunity for incisive and creative thought.



## STEM A-LEVELS AND SPECIALIST PATHWAYS

OXBRIDGE

STEM

MEDICAL

VETERINARY



Find out more

70%  
GRADES AT  
A\* - A  
vs 27% nationally

IN TOP 10%  
of all UK schools for  
A-LEVEL  
performance

[cambornescience.uk/csms](http://cambornescience.uk/csms)

📍 Nexus Campus, Trevu Rd, Camborne TR14 7AD



## CORNWALL SCHOOL OF LIBERAL ARTS

The Cornwall School of Liberal Arts (CSLA) is our specialist provision for students who are very able and interested in pursuing Liberal Arts subjects at A level and university.

In addition to the expert teaching they receive at Camborne Sixth Form, CSLA provides many opportunities beyond the normal curriculum through our various pathways. This ensures that students are well-equipped to apply for the most competitive universities worldwide.

Students who join CSLA opt to study a minimum of two A-Levels from English Literature, History, Religion Philosophy and Ethics, Politics, Geography, MFL or Economics alongside the Extended Project Qualification. They can then opt to combine these subjects with up to a maximum of two additional subjects available at Camborne Sixth Form.

## THIS PROGRAMME WILL PROVIDE:

- Excellent teaching by subject experts
- Enrichment opportunities
- Support with applying to top universities
- Help with work experience placements
- Opportunities for international travel
- Exploration of critical concepts and theory across subject disciplines
- Discussion of wider academic ideas



## CSLA Pathways

LIBERAL ARTS PATHWAY

THE LAW PATHWAY

OXBRIDGE PATHWAY



[cambornescience.uk/csla](http://cambornescience.uk/csla)

📍 Cranberry Road, Camborne, Cornwall, TR14 7PP



**Camborne  
Sixth Form**

# CAMBORNE SIXTH FORM ENTRY REQUIREMENTS

## A LEVEL GENERAL REQUIREMENTS:

In order to study A Levels, you will need a minimum of 5 GCSEs at grade 4 or equivalent including English AND Maths. In addition, some subjects require specific grades as provided below:

### SUBJECT MINIMUM ENTRY REQUIREMENT

Art	5 in Art
Biology	6 in Biology & 5 in Maths
Chemistry	6 in Chemistry & 5 in Maths
Computer Science	5 in Maths & Science
Economics	5 in Maths & English
English Language & Literature	5 in English
English Literature	6 in English Literature
EPQ Extended Project Qualification	Basic requirements and high level of independence
French	6 in French
Geography	5 in English & Geography (if taken)
History	5 in English & History
Maths	6 in Maths
Maths Core	No additional requirements
Maths Further	7 in Maths
Media	5 in English
Photography	5 in Art, Media, DT or equivalent
Physics	6 in Physics & 5 in Maths
Politics	5 in English and a Humanities subject (if taken)
Product Design	5 in Design & Technology or equivalent
Psychology	5 in English and Science
Religion, Philosophy & Ethics	5 in English & Humanity Subject or Media
Sociology	5 in English & Humanity subject or Media
Spanish	6 in Spanish
Textiles	5 or equivalent in Technology subject

## LEVEL 3 VOCATIONAL GENERAL REQUIREMENTS:

In order to study a Vocational level 3, you will need a minimum of 4 GCSEs at grade 4 or equivalent including English AND/OR Maths. In addition, some subjects require specific grades as provided below:

SUBJECT	MINIMUM ENTRY REQUIREMENT
Business	As general requirements, plus grade 4 or equivalent in Business / ICT based subject
Child Development	Merit or above in a child development based subject
Dance	Merit in Dance, or a 5 in a English based subject, if Dance not taken at GCSE
Drama	Merit in Drama, or a 5 in a English based subject, if Drama not taken at GCSE
Food & Nutrition	As general requirements, plus grade 4 or equivalent, in a Technology subject
Health & Social Care	As general requirements
Medical Science	Grade 5 in Science & grade 4 in Maths
Creative Digital Media Production	As general requirements, plus grade 4 or equivalent, in ICT based subject or iMedia (if taken)
Music	iMedia (if taken)GCSE Music Grade 4, or a Merit in RSL / BTEC Music. ABRSM / RGT / TCL Grade 4 or equivalent on any instrument.
Criminology	Grade 4 in Science & grade 4 in English
Public Services	As general requirements
Games Design	As general requirements, plus grade 4 or equivalent, in ICT based subject or iMedia (if taken)
Sport <b>D</b>	As general requirements, plus dependent which Sport qualification offered

**D** Double option equivalent to 2 A-Levels



**Camborne  
Sixth Form**

[cambornescience.uk](http://cambornescience.uk)

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**Camborne  
Sixth Form**

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**OUTSTANDING**

Sixth Form provision in Cornwall  
As rated by OFSTED in our latest inspection

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September start**



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to apply**