

# GROVE SIXTH FORM



# YOUR FUTURE STARTS HERE...

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**Sixth Form life is lots of things...  
challenging, inspiring, hard work,  
rewarding, fun - and maybe even  
a little bit scary to begin with!**

We'll expect you to motivate yourself,  
be an independent learner and  
understand that you only get out of it  
what you're prepared to put in. In  
short, Sixth Form life is what you make  
it - so make it fantastic!

Your future starts here...

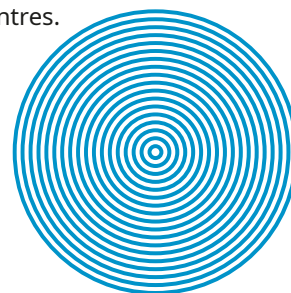


Life in Sixth Form is fast-paced, vibrant and inspiring.

When you first apply to Sixth Form, you may be a little unsure about your final course choices and our aim is to support you in every way possible, to help you make the right decisions.

The transition from GCSEs to A Levels and BTECs can feel a bit of a challenge. We want you to feel confident in your academic skills, which is why we give you plenty of strategies to help with time management as well as exam and revision techniques.

If the idea of higher education or work seems daunting, we're here to guide you. To be ready for a university course, an apprenticeship or to take the first step on your career path you'll need to be resilient, communicate well and be able to handle interviews and assessment centres.

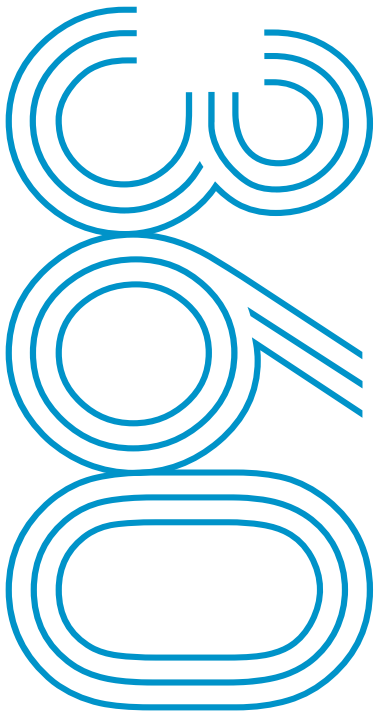


Focussing on your favourite subjects is a breath of fresh air for many students.

We offer a brilliant selection of subjects at both A Level and Cambridge Technical qualifications, so you're sure to find your ideal combination.

It's a new way of learning and we think you'll relish the freedom it can bring.

As well as your subject courses you'll have the choice of taking the Extended. Project Qualification (EPQ) to add to your growing skill set. A work experience placement can open up endless possibilities and give you a valuable insight into future careers.



There are so many ways to enrich and deepen your Sixth Form experience.

Our 360° approach to education means you'll benefit from excellent academic and pastoral support plus an exciting range of extra-curricular activities designed to help you flourish.

Whether you choose to play sports, 'Go for Gold' in the Duke of Edinburgh's Award, participate in the Young Enterprise competition or join the Student Leadership Team – it will help to enrich your learning adventure and equip you with skills to boost your university and job applications.

Our enrichment programme opportunities include the Duke of Edinburgh's Award, Young Enterprise, Work Experience Placements, UK travel opportunities, social events, Sixth Form Committee, a range of visiting speakers, skills workshops and dedicated preparation for Oxbridge and Medicine applications.

These will provide you with opportunities to make new friends, learn new skills and help to give your university application 'the edge', an important element in today's competitive market.

[grove-school.co.uk](http://grove-school.co.uk)

We have a dedicated Sixth Form centre which includes ICT facilities, study space, Sixth Form common room and Sixth Form kitchen facilities.

Lessons will mainly take place in the dedicated Sixth Form centre in Grove House. This provides the ideal balance between having a separate centre for sixth form learning whilst still being able to exploit the use of the whole site to utilise classrooms with the specialist equipment and resources to allow you to have first class learning experiences.



The Marches Academy Trust is a thriving group of schools, and includes the Grove Sixth Form, Sir John Talbot's Sixth Form and the Marches Sixth Form.

While our schools each have their own Sixth Forms, we want to build on the successes of each by offering collaboration opportunities.

Grove Sixth Form's collaboration with Sir John Talbot's Sixth Form, Whitchurch, gives you:

Opportunities to network // Across both sites provision of a range of experiences like those usually found in private education // Education on your doorstep so you still have time to learn to drive, partake in volunteering, have a part-time job or pursue other interests.



As a Grove Sixth Form student, you will have access to all the latest information on university course requirements.

Oxbridge entrance exams, internships, apprenticeship opportunities, career advice and useful tips on how to go about picking the route that is right for you.

Support includes:

- University visits to a range of institutions across the country.
- Dedicated advice and guidance throughout the University admissions process (UCAS).
- Information on student finance, welfare and how to pick the right course and university for you.
- Assistance with research into the various apprenticeship schemes currently available and help completing any relevant application forms.
- Looking at the employment opportunities available and detailed discussions around the various career paths the 'world of work' has in store

## Advice and guidance

We are very fortunate to have excellent subject teachers who are experienced in teaching the A Level curriculum.

The Sixth Form will provide you with more independence and flexibility, however, the strong pastoral care and support is ever present through the Sixth Form Leadership Team.

Do not underestimate Sixth Form work – you will be stretched to ensure you maximise your academic achievements. We guide and support our students to become confident, independent learners, equipped with the skills to flourish in the modern day world.

## Student support

The Head of Sixth Form and the tutor team are responsible for all aspects of the Sixth Form, academic and personal. Every student has a personal tutor, a member of staff who has demonstrated their ability to work closely and effectively with students at post-16 level. Students also have the support of a full-time Learning Mentor, a non-teaching member of staff who can offer confidential support to ensure students are in the best position to make progress in their learning.



## Financial support

We operate a means tested 16 – 19 Bursary Fund for help with equipment, transport, visits and other sixth form costs. Please ask the Head of Sixth Form for more information on this and an application form.



## Entry requirements

**A level applicants:**  
5 GCSEs of at least a **grade 5** including Maths and English. Maths and Science subjects require **grade 6** or above at GCSE

**BTEC and Vocational courses:**  
5 GCSEs of at least **grade 4** including Maths or English Language

All applications will be considered on an individual basis.

It is possible to choose some subjects if you have not studied them for GCSE.

You will be invited to attend a short, informal interview with the Director of Sixth Form to discuss your application and talk through your options.

**All places offered will be conditional until you have received your GCSE results in August and enrolment will take**



## Application process

On the application form we ask you to select 3 subjects that you are interested in studying.

These choices will be discussed with you, in depth, at your interview.

By interviewing each student individually, this gives us the opportunity to discuss with you personally your own needs and requirements and ensure that the programme you choose to enrol on, will allow you to achieve your life goals.

Our Sixth Form team are available to answer queries and discuss any part your application. We can also offer advice and support on potential career paths and the best study routes for you. Contact us any time by emailing [nicola.warreder@gro.mmat.co.uk](mailto:nicola.warreder@gro.mmat.co.uk)

We'll be running a series of events throughout the year to provide you with all of the latest information on post-16 education. Visit our website to find out more [grove-school.co.uk](http://grove-school.co.uk)

**#togetherwegrow**



How to apply...  
To apply to the Grove Sixth Form please complete and return the application form available on our website [grove-school.co.uk/applications-at-grove](http://grove-school.co.uk/applications-at-grove)

## **2026 COURSES:**

**3D DESIGN. APPLIED SCIENCE.**

**ART. BIOLOGY. BUSINESS**

**STUDIES. CHEMISTRY.**

**COMPUTER SCIENCE. ENGLISH**

**LITERATURE.**

**FILM STUDIES. FRENCH.**

**FURTHER MATHS.**

**ECONOMICS. GEOGRAPHY.**

**GRAPHICS. HEALTH & SOCIAL**

**CARE. HISTORY. MATHS.**

**PERFORMING ARTS – MUSIC –**

**ACTING. PHOTOGRAPHY.**

**PHYSICS. PRODUCT DESIGN.**

**PSYCHOLOGY. RE, ETHICS &**

**PHILOSOPHY. SOCIOLOGY.**

**SPANISH. SPORT. TRAVEL AND**

**TOURISM**

**PLUS, OPEN6 COURSES**



# A

## Art & Design | A level

Art and Design at the Grove Sixth Form encompasses:

- Fine art
- 3D Design
- Graphics

If you have a flair for art and design and a passion for drawing, painting and being creative, A Level Art and Design could be for you.

### Why choose Art and Design?

You will work much more independently than at GCSE, with your teachers being there to ensure your skill acquisition and development and to enable you to develop your own style.

### What will I study?

This course is designed to enable you to develop your skills using a variety of media, processes, and techniques. You will gain knowledge of historical and contemporary artists, designers, styles and genres.

Through research, development, and production of your own ideas you will also broaden your general knowledge of art and design. You will learn to recognise and develop your own practical and critical strengths and we will provide you with the tools to develop your own artistic and creative practice.

### Where can it lead me?

Many students create a strong portfolio and go on to higher education in Art and Design, including Foundation courses at college and Bachelor of Arts degrees at university.

Students then embark on careers in the world of advertising, graphic design, the fashion industry, set design, illustration, special effects and gallery curation and teaching to name just a few. Some set themselves up as practising artists.

### Famous artists:

**Eddie Redmayne:** The multi-award -winning British actor studied Art History at Cambridge University.

**Freddie Mercury:** Queen's frontman studied Art and later Graphic Art and Design. He then used his skills to design the heraldic arms for Queen!

**Kate Middleton:** The Duchess of Cambridge studied Art A Level before going onto an Art History degree at St Andrew's University.

### Works well with...

Design, Photography, Theatre Studies, History, English Literature, Modern Languages. Art A Level works well alongside all subjects due to the unique way in which you will work.

# B

## Biology | A level

Biology A Level builds on the knowledge that you will have already gained at GCSE. The course covers a wide range of topics including cellular biology, genetics, animal physiology, plants, and ecology. You will gain an understanding of the core principles underpinning Biology as well as the latest advances in biological research. You will learn to recognise the value and responsibility of Biology in society.

### Why choose Biology?

Biology has a direct influence on our lives and to study it is to understand ourselves and the world we live in better. You will learn to open your mind to a greater understanding of how every living thing around us comes to exist and interact with its environment. Advances in medicine, agriculture, biotechnology, and many other areas of biology have brought improvements in our quality of life.

### What will I study?

The course covers a wide range of topics including biodiversity; classification and evolution; plant and animal responses; cellular control, cloning and biotechnology; ecosystems and populations; and sustainability. You will gain an understanding of the core principles underpinning Biology as well as the latest advances in biological research.

You will develop essential knowledge and an understanding of the concept of Biology and the skills needed for the use of these in new and changing situations.

### Where can biology lead me?

A Level Biology is an excellent basis for further study on a variety of university courses including: Biology, Biochemistry, Medicine, Nursing, Midwifery, Veterinary Medicine, Genetics, Forensic Science, Sports Science and Environmental Studies. Careers with Biology include medicine, biomedical scientist, pharmacist, pharmaceutical and ecologist.

### Famous Biologists:

**Charles Darwin:** A Shropshire man: Known for his contributions to the science of evolution. Wrote 'On the origin of species'.

**Diane Fossey:** Her conservation work helped reduce the downward population trend in mountain gorillas, saving them from extinction.

**Susumu Tonegawa:** Nobel prize winner for his work in immunology.

### Works well with...

Mathematics, Chemistry, Geography, Psychology and Physics.

# B

## Business Studies | A level

Business is a dynamic course that examines the fast-paced and ever-changing business environment and current affairs in the wider world and prepares you with essential life skills. Through Business Studies A Level, you will engage with the world of business through the context of current business developments and real business situations.

### Why choose Business Studies?

Business Studies is a dynamic subject, and you will learn to develop a critical understanding of organisations, the markets they serve and how to add value.

As the world changes, it is vital we understand how businesses operate in the 21st century.

### What will I study?

You will develop an understanding of marketing, finance, business strategy and global business. You will also learn some fantastic transferable skills including data skills, presenting arguments, making judgments, and conducting research.

### Where can it lead me?

Studying Business Studies opens up many university and career options such as financial services, marketing, and recruitment. Employers like it for the transferable skills it teaches.

### Works well with...

Mathematics, Economics, Psychology, History, Modern Languages, English Literature.



## Chemistry | A level

Every time we light a match, boil an egg, or simply breathe in and out, we perform a chemical reaction. Our bodies grow, develop and function entirely because of the chemical processes that go on within them. Most of the food we eat is grown with the help of chemical fertilisers and kept from rotting with chemical preservatives. If these issues interest you, you will enjoy studying Chemistry at A Level.

### Why choose Chemistry?

As the science of substances, studying Chemistry will give you a deeper understanding of the natural world. You will learn more about the underlying nature of our world and develop your logic and problem-solving skills. You will also develop key practical and analytical skills in the laboratory.

### What will I study?

Applications to everyday contexts are always emphasised and students will learn about the invaluable contribution chemistry makes to modern life, not only in terms of the analytical processes it provides, but the ever-improving materials it develops, including pharmaceuticals. Ongoing research is currently developing degradable polymers, medicines with improved pharmacological activity and fewer side-effects, and fuel-cell vehicles as alternatives to those which are petrol or diesel powered.

### Where can Chemistry lead me?

Studying Chemistry can open the door to a wealth of degree and career options, including courses in Medicine, Veterinary Science, Dentistry, Pharmacy, Chemical Engineering, Forensic Science, Aeronautics, Mechanical and Electronic Engineering.

### Famous chemists:

**Marie Curie:** A Nobel prize winner, Madame Curie's work on the use of radium and polonium revolutionised cancer treatment.

**Michael Faraday:** His main discoveries include the principles underlying electromagnetic induction, diamagnetism, and electrolysis.

**Carolyn Ruth Bertozzi:** An American chemist based at Stanford university. Bertozzi is known for founding a new field of chemistry: biorthogonal chemistry.

### Works well with...

Mathematics, Biology, Psychology and Physics. Chemistry is incredibly important to future medics.



## Child Development | Level 3 Applied General Certificate

Child Development will not only teach you how we grow physically and emotionally from birth to age 19 but will provide you with a valuable vocational qualification.

### Why choose Child Development?

This a qualification course is not only comparable to an A Level, but it enables you to leave Sixth Form a fully qualified practitioner and able to walk into a job, work ready. You will benefit from community links during your course to widen your experience.

### What will I study?

The course draws on social and psychological theories about why the developing child responds in different ways to challenges and debates different methods of raising children. The course will also explore the legislation which underpins child-centred professions. The lessons are delivered in a variety of creative ways and will help develop your analytical skills.

### Where can Child Development lead me?

The course carries UCAS points which can lead to further study at university level in subjects such as Teaching, Early Years Practitioner, Nursing, Social Work and Counselling. CACHE are the national leaders in childcare qualifications and are widely respected in the industry. The qualification can lead to employment as a qualified nursery practitioner. This course is taught at Sir John Talbot's Sixth Form, Whitchurch



## Computer Science\* | A level

Computer Science is a practical subject where learners can apply the academic principles learned in the classroom to real world systems. It is an intensely creative subject that combines invention and excitement and can look at the natural world through a digital prism.

### Why choose Computer Science?

Computing enables you to make a positive difference in the world, Computing is here to stay. The skills you will develop in your studies of the design, development and analysis of software and hardware will enable you to solve problems in a variety of business, scientific and social contexts.

### What will I study?

The course has an emphasis on problem solving, computer programming and algorithms. You will discover how to use mathematical skills to express computational laws and processes such as Boolean algebra/logic and comparison of the complexity of algorithms.

### Famous computer scientists:

**Mark Zuckerberg:** The founder of Facebook and Forbes' youngest ever self-made millionaire studied Computer Science and Psychology.

**Anousheh Ansari:** Her business accomplishments include serving as co-founder and CEO of Telecom Technologies, Inc. (TTI). On September 18, 2006, a few days after her 40th birthday, she became the first Iranian in space.

### Works well with...

Business Studies, Maths, Product Design, Psychology and Photography.



# E

## Economics | A level

The course will appeal to students who have an interest in economic and current affairs and a desire to explore why and how the study of Economics contributes to an understanding of the modern world.

### Why choose Economics?

The fundamentals of our existence are based on a successful economy. This subject will equip you with the skills and understanding to be able to formulate sound economic arguments about issues that affect us, from Brexit to sugar taxes.

It will challenge you academically but will also give you a range of life skills that will sharpen your decision making and make you more employable.

### What will I study?

Economics is split into two areas of study:

**Microeconomics** looks at the decisions that consumers and firms make it explores why they make these decisions by exploring their motives and considers how the government regulates the decision making of both individuals and businesses.

**Macroeconomics** looks at the whole economy and explores what techniques the government can employ to maintain a successful and sustainable economy.

### Where can it lead me?

This subject could lead to a career in accountancy, management consultancy, teaching, banking and finance, journalism, trading, or business management.

### Famous Economists:

**Eddie Redmayne:** The multi-award-winning British actor studied

Art History at Cambridge University  
grove-school.co.uk

**Freddie Mercury:** Queen's frontman studied Art and later Graphic Art and Design. He then used his skills to design the heraldic arms for Queen!

**Kate Middleton:** The Duchess of Cambridge studied Art A Level before going onto an Art History degree at St Andrew's University.

### Works well with...

Mathematics, Politics, Business Studies, History, Modern Languages and English Literature.

# E

## English Literature | A level

While many subjects can teach us facts about the world and our place in it, few explore the experience of being alive and working out how we live. If you want to think more about the way things are and the way we are, then this is the course for you.

### Why choose English Literature?

By studying English Literature at A Level, you will learn to critically analyse texts whilst developing highly prized literacy, communication, and critical thinking skills. Literature is a great subject to develop a host of transferable skills for further education, work, and life.

### What will I study?

You will study a range of canonical writers and texts across poetry, prose, and drama - from Shakespeare, Milton, and Shelley to modern greats such as Tennessee Williams, Ted Hughes, Sylvia Plath, and Cormac McCarthy.

### Where can it lead me?

English Literature is an extremely versatile and well-regarded qualification and will prepare you for further study in essay-based subjects such as English Literature, History and Philosophy. It is also recommended for those who are interested in studying Sociology, Law and Medicine. Publishing, journalism, marketing, and the Civil Service are just a few career possibilities. The skills which English Literature develops complement general learning and strengthens vocabulary, leading to creative, highly employable graduates

### Famous English Literature graduates:

**Ian Hislop:** The editor of the British satirical and current affairs news magazine Private Eye.

**Stephen Fry:** The English actor and broadcaster graduated with a degree in English from Cambridge University.

**Emma Watson:** The star of the Harry Potter films completed an English degree after she became famous, at Brown University in the US.

### Works well with...

Film Studies, History, Geography, Modern Language, Psychology and Physics.

# F

## Film Studies | A level

Film Studies is an extremely enjoyable and worthwhile subject to study, but expect to be constantly challenged and excited by the course. Not only will it change the way you watch film, but more importantly it will challenge you to think in new ways and question or change your perspective on a whole host of issues, for example, representation of race or gender.

### Why choose Film Studies?

Studying film allows you to understand important issues and developments within history, society and culture, using film as the medium with which to gain a greater insight into these areas.

### What will I study?

You will study an exciting range of mainstream and independent cinema, key cinematic movements and also explore the world of Global Cinema. You will learn how films are created, become aware of issues that link to how films are distributed and broader issues in the film industry whilst also considering the role of the audience and how they respond to different films. You will also create your own response to a coursework brief set by the exam board.

### Where can it lead me?

Studying Film enables you to see the world in a different light and develop a wide range of transferable skills for further education, work and life: creative and critical thinking, film and textual Analysis, communication and research skills, and a range of technical competencies (such as film editing). Students of Film Studies are the students of the future, gaining the skills needed to develop successful careers and great academic minds.

### Works well with...

English Literature, History, Sociology, Art and Design, Photography and



## Geography | A level

A Level Geography gives you the opportunity to develop an in-depth understanding of physical and human geography, the complexity of people and environment questions and issues, and to become critical, reflective, and independent learners. Geography is central to understanding the way the world changes, affecting individuals and communities, the causes of these changes and their impacts upon people and the environment.

### Why choose Geography?

Geography will help you develop a wide range of transferable skills including communication, technological, cartographical, problem-solving, numeracy and literacy. You will undertake fieldwork and individual research in a range of locations and gain an understanding of some of the most pressing challenges facing our world today.

### What will I study?

Applications to everyday contexts are always emphasised and students will learn about the invaluable contribution Geography makes to modern life, not only in terms of the analytical processes it provides, but the ever-improving materials it develops, including pharmaceuticals. Ongoing research is currently developing degradable polymers, medicines with improved pharmacological activity and fewer side-effects, and fuel-cell vehicles as alternatives to those which are petrol or diesel powered. All of these, **groveschool.co.uk** feature in the recently revised A Level specification.

### Where can Geography lead me?

Geography provides the opportunity to study a wide range of university courses and employers value the transferable skills you will gain. Career paths include teaching, surveying, architecture, geology, and environmental consultancy amongst others.

### Famous geographers:

**Michael Jordan:** Before Michael Jordan became the greatest player in the history of NBA, he graduated with a degree in Geography.

**Rob Andrew:** Rob is a former England Rugby Union Player and Professional Rugby Director of the Rugby Football Union who studied Geography at Cambridge.

**Prince William:** (the Prince of Wales): Prince William studied Geography at the University of St. Andrews having switched from Art History.

### Works well with...

Biology, History, Maths, Chemistry and Physics, sustainable industries and environmental courses are the future long with environmental engineering.



## Health & Social Care | Cambridge Technical Level 3 Extended Certificate

The UK is a richly diverse place where the needs of the population are ever changing. The Health and Social Care course at Level 3 underpins valuable knowledge in a range of different areas which support the understanding of individuals. The lessons explore an array of Health and Social care sectors and are taught using a variety of pedagogical methods, ensuring the needs of all students are met.

### Why choose Health & Social Care?

This vocational qualification can be a pathway into any service that works with people, including early years, social work, policing and teaching. You will have opportunities to explore the Health and Social care sector in your local area.

### What will I study?

The course consists of a variety of units to support you to develop a well-rounded and holistic understanding of the world

we live in. These include effective communication, anatomy and physiology, mental health conditions and rights and responsibilities.

### Where can Health & Social Care lead me?

Once completed, the two-year course will give you UCAS points to pursue a university course in subjects such as: Teaching, Social Work, Nursing, Occupational Therapy, Physiotherapy and Counselling.

### Works well with...

Child Development, Psychology, Art and Biology.



## History | A level

If you have a genuine desire to learn about how the world around us was shaped, and to ask how we can begin to make sense of the present, then History at A Level is the course for you. A love of reading is important as you will want to immerse yourself in the course content.

### Why choose History?

A Level History allows you to grow knowledge in areas that are often unrepresented at Key Stage 3 and Key Stage 4 from the rights of the poor to the rise and fall of political juggernauts, History covers it all. Studying A Level History not only helps improve your knowledge of the past, but it also helps you develop analytical, research, communication, and problem solving skills. You will be able to prioritise information and learn how to make vital decisions.

### What will I study?

We study key periods in British, European, and international history and you will learn how to assess the historical significance of events, individuals, ideas, attitudes, and beliefs. Studying History at A Level allows you to develop a range of subject skills including the analysis and evaluation of historical sources in their context. You will learn in a variety of different ways, including class discussions and debates, group and individual presentations, independent research tasks and textual analysis. You will develop your ability to analyse information but also to be critical in its use. It will teach you how to make judgements and write in a cohesive and decisive way

### Where can it lead me?

History is a well-respected academic course and highly regarded by universities and employers. Careers include journalism, teaching, publishing, writing, law, government and financial services, academic research, archivist, film researcher, heritage manager and museum/gallery curator to name just a few.

### Famous graduates of History:

**Dianne Abbott:** First BAME woman to hold a seat in the House of Commons studied History at Cambridge.

**Sacha Baron-Cohen:** The creator of many comic characters is a Cambridge History Graduate.

**Louis Theroux:** The multi-Award-winning filmmaker, author, broadcaster, and journalist has a first-class history degree from Oxford University.

**Sir Ian Kershaw FBA:** is an English historian whose work has chiefly focused on the social history of 20th-century Germany. He is regarded by many as one of the world's leading experts on Adolf Hitler and Nazi Germany, and is particularly noted for his biographies of Hitler.

### Works well with...

Philosophy, Religious Studies, Mathematics, Psychology, Politics, Economics, Business Studies, English

**M**ourth subject to  
iences.

## Mathematics & Further Mathematics | A level /AS Level

This course aims to develop your interest and understanding of mathematics and mathematical processes, whilst giving opportunities to understand how different areas of mathematics are connected.

### Why choose Mathematics?

Studying Mathematics develops excellent problem-solving skills, and you will learn how to think logically and analytically.

### What will I study?

You will develop the skills to recognise how a 'real world' problem can be modelled mathematically to make accurate predictions. You will extend

in more challenging, unstructured problems. You will extend your range of mathematical skills and use them in more challenging, unstructured problems. The course will enable you to read and comprehend mathematical arguments and articles concerning applications of mathematics. Throughout this course the emphasis is on understanding and problem-solving rather than routine calculations. Mathematics is not only an exciting subject, but also one that underpins many other branches of learning, providing a wide range of options as you progress beyond your A Levels.

### Where can it lead me?

An A Level in Mathematics is highly regarded by employers and universities, precisely because of the demands it makes, the skills it develops and the logical problem-solving basis of the subject. It is of course useful for any degree with a numerate component such as Mathematics, Computing, Physics, Chemistry, Medicine, Business, Economics, and Engineering. Even if you choose not to study it directly at University or enter this field of employment, the skills learned are highly transferable and universities and employers require candidates to have a balanced skills base.

### Famous graduates of Mathematics:

**Ada Lovelace (née Byron):** Mathematician and writer, chiefly known for her work on Charles Babbage's proposed mechanical general-purpose computer, the Analytical Engine. She is often regarded as one of the first computer programmers.

**Rachel Riley:** The TV personality studied maths at the University of Oxford before replacing Carol Vorderman as the presenter of Countdown.

**Fibonacci:** Was an Italian mathematician from the Republic of Pisa, considered to be "the most talented Western mathematician of the Middle Ages". The Fibonacci sequence or 'Nature's Code' has featured in contemporary media and is familiar even to nonmathematicians.

**Malala Yousafzai:** Malala studied Mathematics A Level en route to her PPE degree at Oxford University.

### Works well with...

Physics, Biology, Psychology, Business Studies, Computer Science and Economics.

**Further Maths:** There is also the option to study Further Maths for students who wish to specialise and delve even deeper into this fascinating subject.

**Core Mathematics AS:** is also

**P**

## Performing Arts | Cambridge Technical Level 3 Extended Certificate

This course is designed to enable you to continue developing your love of performing and creating performing arts.

As part of this course you can select one of two pathways:

- Music
- Acting

Performing Arts will focus on your creative development as an individual with the care and expertise of teacher's who understand your strengths and areas for development.

### Why choose Performing Arts?

You will discover how and why music has developed the way it has. Continue exploring music through ICT and recording equipment. You are expected to have a good level of music theory knowledge, such as understanding scales and chords. An ability to read music is an integral tool in understanding how music works.

### What will I study?

You will develop your love of performing music and learn to analyze a range of musical styles. You will be expected to supplement class lessons with individual instrument tuition, instrument practice and independent study time on composition tasks. All musicians are welcome, and students are free to choose any instrument (s) and/ or voice (s) and perform music in any style.

### Where can it lead me?

As a vocational qualification the Performing Art Cambridge Technical offers up a range of different arts-based careers. Alternatively it would serve as a fantastic platform to go onto study either music or theatre degree courses at university.

### Works well with...

Modern Languages, Art, Photography, English Literature and Film Studies.

# P

## Photography | A level

If you have an interest in exploring a range of photographic techniques and processes, then A Level Photography may be for you. You will develop Photography skills using a variety of media, processes and techniques as well as gaining knowledge of historical and contemporary photographers and styles.

### Why choose Photography?

You will work very independently, with your teachers being there to ensure your skill acquisition and development and to enable you to develop your own style.

Photography will enable you to fully embrace your creativity.

### What will I study?

This course is designed to enable you to develop your Photography skills using a variety of media, processes, and techniques. You will gain knowledge of historical and contemporary painters, styles and genres and become accustomed to using specialist photography vocabulary and terminology. You will be introduced to areas such as portraiture, landscape, documentary and still life photography and will explore elements of visual language, line, form, colour, pattern, and texture in the context of photography. You will learn to recognise and develop your own practical and critical strengths and we will provide you with the skills to develop your own photographic and creative style.

### Where can Photography lead me?

Many students create a strong portfolio and go on to higher education in Photography and Design, including Foundation courses at college and degrees at university. Students then embark on careers in the world of advertising, graphic design, the fashion industry, set design, illustration, special effects and gallery curation and teaching to name just a few. Some set themselves up as practicing photographers.

### Famous photographers:

**Annie Leibovitz:** The multi-award-winning photographer studied Photography in San Francisco before becoming one of the most sought after and revered in the field.

**Tom Daley:** The Olympic Gold medalist also has an A\* in photography and it remains a hobby to this day.

**Margaret Bourke-White:** The iconic photographer, who took the last photo of Gandhi hours before his assassination was born in New York City and attended the Clarence H. White School of Photography.

# P

## Physics | A Level

Physics is at the heart of everything, from the far reaches of the Universe, right down to the minuscule internal structures of the atom. Physicists are actively collaborating with other researchers and applying their knowledge and technical skills in response to the major challenges of our time, such as sustainable sources of future energy, understanding our changing climate and global food security. Everyday technology, such as smartphones and GPS devices, would not exist today without Physics research.

### What will I study?

We will cover many familiar topics, such as forces and motion, electricity, and waves but in more depth than at GCSE. New topics such as quantum physics, particle accelerators and cosmology make this a challenging yet immensely rewarding option.

### Where can Physics lead me?

Students go on to study degree courses in Physics, Engineering, Mechanical/ Electronic/Electrical Engineering, Computer Science, Medicine and Astrophysics. The skills you will develop by studying Physics are those that employers will be looking for in new recruits and the range of potential career paths is huge.

### Famous Physicists:

**Albert Einstein:** Widely acknowledged to be one of the greatest physicists of all time, Einstein is known for developing the theory of relativity. He also made important contributions to the development of the theory of quantum mechanics.

**Lise Meitner:** First to explain the idea of nuclear fission, her calculations led to the development of nuclear power and nuclear weapons. She discovered the element <sup>92</sup>235U. This course is taught at Sir John Talbot's Sixth Form, Whitchurch

### Works well with...

Mathematics, Biology, Chemistry, Further maths, Geography and Art (combining art with Physics is an excellent route into architecture!)

# P

## Product Design\* | A level

As a designer you are multi-skilled. You need creativity, to imagine the shape and function of an object, but you will also need to know about manufacturing process, materials, and environmental issues to fulfil your product.

### Why choose Product Design?

This course will suit those with an interest in the design and manufacture of a wide range of products and/or technological activity and who might intend to pursue a career in a design related field.

### What will I study?

We take a broad view of design and technology, to develop your capacity to design and make products and to appreciate the complex relationship between design, materials, and manufacturing. You will develop practical skills and demonstrate creative thinking.

### Where can it lead me?

Students go on to study a variety of design and engineering degrees leading to careers in product design, industrial product design, engineering design, quantity surveying, jewellery design, architecture, and architectural engineering.

### Famous designers:

**Alan Rickman:** Before becoming an actor, Rickman graduated from Chelsea College of Art and Design, and completed a postgraduate degree at the Royal College of Art where he set up his own design agency, Graphiti.

**David Bowie:** It should come as no surprise to hear that David Bowie enjoyed a stint as a graphic designer, studying at Bromley College of Art. The influence was clear to see in his creative and innovative work as a performer.

### Works well with...

Business Studies, Maths, Product Design, Psychology and Photography.



# P

## Psychology | A level

Psychology is an intriguing and complex study of the working of the human mind. The course will appeal to students who enjoy exploring issues dealing with how and why people behave in certain ways.

### Why choose Psychology?

A Level Psychology allows you to grow knowledge in areas that can allow greater insight to the people and the world around you. It is the scientific study of mind and behaviour. If you are interested in understanding human behaviour and the way that it can be studied, Psychology at A Level is for you.

### What will I study?

You will learn how to use different perspectives to interpret the world around you and will develop analytical and evaluative skills. You will study key issues and theories and learn to apply your understanding to real life examples.

Topics studied will include memory, social influence, attachment, mental health issues such as OCD and phobias.

### Where can it lead me?

Psychology A Level can be a useful addition to a suite of A Levels, bridging gaps between humanities and traditional sciences. Some students take it as their Science option to access health careers such as nursing or to prepare them for courses in education or business.

Psychology is also one of the most popular degree courses. Some people take it with the intention of specialising in areas such as child, health, forensic, educational or clinical psychology but other take it for the more generic skills it

offers. Everyone works with people and as such learning about people and their behaviour is seen as an advantage in careers such as advertising, business, and law.

### Famous Psychologists:

**Sigmund Freud:** Freud, the most recognisable name in the field of psychology, was an Austrian neurologist and the founder of psychoanalysis.

**Zimbardo:** Philip George Zimbardo is an American psychologist and a professor emeritus at Stanford University. He became known for his 1971 Stanford prison experiment.

**Elizabeth Loftus:** is an American cognitive psychologist and expert on human memory. Loftus is considered to be the most influential female psychologist of the 21st century.

### Works well with...

Sociology, Mathematics, Sport, Business, English Literature, History, Biology and Chemistry. Psychology works in most combinations.

# R

## RE, Ethics & Philosophy\* | A level

Studying RE, Ethics and Philosophy helps us to understand our own and other people's beliefs, what those beliefs and values are and why people do the things they do. This subject allows you to debate social and ethical issues. Study of this subject helps us to understand ourselves more fully, our own existence and the world in which we live. If you have an enquiring mind, you will enjoy this subject.

### Why choose RE, Ethics & Philosophy?

Do you like exploring issues that question the world around us? Are you intrigued about how Christianity has developed into the largest world religion? Can you sustain and justify an ethical argument? If the answer to these questions is yes, then this A Level is for you.

### What will I study?

This course allows you to develop your interest in a rigorous study of religion, philosophy and belief and relate it to the wider world. It will teach you to adopt an enquiring, critical and reflective approach. You will cover ethical issues such as euthanasia, business ethics and sexual ethics, ancient philosophers such as Plato and Aristotle and the role of Jesus Christ

as Son of God, political liberator, and a teacher of wisdom.

### Where can it lead me?

Universities see this A Level as highly desirable for the mix of analysis and critical evaluation skills it promotes. It can lead to a degree in Religious Studies, Philosophy, Theology, or the much sought-after PPE degree. The skills learnt on this course open many doors to a wealth of opportunities in law, education, politics, or business. The ethics element of the course is particularly useful for careers in medicine.

### Famous graduates of Religion & Philosophy:

**Martin Luther King Jr:** Civil Rights Activist studied Theology at Boston University

**Katie Brand:** The British actress, comedian and television writer studied Theology at Oxford University.

**Ricky Gervais:** The multi award winning comedian, actor, writer, producer, and director studied Philosophy at UCL.

**Bill Clinton:** Bill Clinton, like many other world leaders, studied PPE at Oxford University.

### Works well with...

Mathematics (for a PPE degree maths is desired), Economics, Politics, English, and History. RE, Ethics and Philosophy most subjects.

# S

## Sociology | A level

Sociology is the study of individuals, human groups, and social life in modern society. It is concerned with the study of social institutions. Sociology tries to understand how these social institutions operate, and how they relate to one another. Sociology also looks at patterns of inequality, deprivation, and conflict and how the social groups we belong to influence our behaviour.

### Why choose Sociology?

A Level Sociology allows you to grow knowledge in areas that are often unrepresented at Key Stage 3 and Key Stage 4. Studying A Level Sociology not only helps improve your knowledge of the past, but it also helps you develop analytical, research, communication, and problem-solving skills. You will be able to

prioritise information and learn how to make vital decisions.

#### What will I study?

You will develop an understanding of central aspects of sociological thought and methods and will learn how to apply a range of skills and consider sociological themes such as socialisation, education, crime and deviance, culture, and identity.

#### Where can Sociology lead me?

A Level Sociology is recognised as a valuable subject to have studied for careers which demand an understanding of people and social relationships and the use of problem-solving and analytical skills. Students who choose Sociology go on to study an enormous range of subjects including a vast range of social science-based courses. It is also a good preparation for a wide range of careers in health and welfare, administration, education, journalism, public relations, police, or research.

#### Famous sociologists:

**Michelle Obama:** majored in sociology at Princeton University before she met her husband Barack Obama and became first lady of the US.

**James Blunt:** the singer-songwriter has a degree from the University of Bristol.

**Omar Lizardo:** Lizardo is ranked as the most influential sociologist of the last ten years. He is currently professor of Sociology at UCLA and is specifically known for his work at the intersection of cognitive science and sociology of culture.

**Judith Butler:** Judith Butler is an American philosopher and gender theorist. She is best known for her books on in which they challenge conventional notions of gender and develop their theory of gender performativity.

#### Works well with...

Mathematics, Psychology, Politics, History, Economics, Business Studies and English Literature.

# S

## Spanish\* | A level

If you have a genuine desire to learn about how the world around us was shaped, and to ask how we can begin to make sense of the present, then Spanish at A Level is the course for you. A love of reading is important as you will want to immerse yourself in the course content.

#### Why choose Spanish?

Studying a foreign language at A Level gives you an opportunity to develop your spoken and written skills and encourages you to explore another culture more deeply.

#### What will I study?

This course offers students a rich and comprehensive insight into the social, political, intellectual, and artistic culture of the countries and communities where Spanish is spoken. A strong focus is placed on building students' confidence and fluency in spoken Spanish using relevant and topical themes.

#### Where can it lead me?

Learning a language is an enriching experience for students and employers are increasingly keen on applicants having a language qualification. The transferable skills you will gain will be invaluable in whichever course or career you choose. Spanish is the second most spoken language in the world, spoken by over 450 million people across the globe.

#### Famous graduates of Spanish:

**Daniel Brühl:** Daniel was born in Barcelona in June 1978, son of a German father and a Catalan mother. The actor was raised bilingually in Cologne and visited Spain regularly when he was young.

**Tom Daley:** The British Olympic swimmer achieved an A in his Spanish A Level whilst also managing to train and compete in the Olympics.

**Arsene Wenger:** The long serving former Arsenal manager can speak SIX languages, including Spanish!

#### Works well with...

Business Studies, English Literature, Film Studies, Geography, RE, Ethics and Philosophy, History.

# S

## Sport & Physical Activity | Extended Certificate

This subject offers the opportunity to learn about the human body in a sporting context. The course will enable you, through applied learning, to develop the core specialist knowledge, skills and understanding required in the sport and physical activity sector.

#### Why choose Sport & Physical Activity?

Studying PE allows you to combine the practical and theoretical elements of the subject. Moreover, you will develop valuable transferrable skills such as teamwork and leadership to take into the world of work.

#### What will I study?

You will learn about body systems and the effects of physical activity sports coaching and activity leadership; sports organisation and development and how to tailor physical activity for specific groups. Amongst other things you will cover anatomy, physiology, and sport psychology.

#### Where can it lead me?

This qualification provides a route onto sports related programme such as Sport and Physical Education, Sport Science or Sport Coaching and Development.

You will be able to access the rapidly growing industries of sports agencies, management, and sports statisticians. Many of our students go on to Sport Management, PE, Sport's Science and Physiotherapy courses at university.

#### Famous graduates of sport:

**Victoria Pendleton:** The British track and road cyclist completed a degree in Sport and Exercise science prior to winning two gold Olympic medals and becoming one of our most successful ever women cyclists.

**Wladimir and Vitali Klitschko:** The world-renowned boxers both have PhDs in Sports Science.

**Juan Mata:** The former Valencia and Chelsea footballer has two degrees! One in Marketing and one in Sports Science.

#### Works well with...

Sport particularly complements Maths, Biology, Psychology, Business,



## Additional qualifications:

### Extended Project Qualification | EPQ

#### Why study the Extended Project Qualification (EPQ)?

The EPQ enables you to explore a topic in depth, or to be creative, in ways that take you beyond or outside of your A Level studies. It is designed to sit alongside your other subjects. By taking this qualification you develop the sorts of independent learning skills that universities value. It must not cover topics you will be examined on for your A Levels (but can, of course, be totally unrelated to them.)

Extended project is offered in Year 12 as a fourth qualification to complement students studies for their first year, submitting their project in the first week of the summer term.

#### What can I choose to do?

The choices are limitless, no two projects are the same. You will spend the initial period discussing your ideas and making the right choice for you. Your project will end up as one of the following:

- An extended essay of 5,000 words
- An artefact (e.g. piece of art, music, a short film, creative writing, a performance) supported by a report of at least 1,000 words

The Grove Sixth Form has continued success with the EPQ, some of our A / A\* submissions being:

- Is there a gender bias in the diagnosis of anti-social personality disorder (APD)?
- Production of an art installation to raise awareness of climate change.
- Does the moon influence people's mood?
- Are anti-depressants overprescribed?
- Could artificial intelligence spell the end for humankind?

#### What do universities think?

The EPQ is valued by a broad range of universities who may reduce their offer for high grades EPQs or include them in a points based offer. Universities differ in whether or not they will include the EPQ as part of any offer they make to a student, but you students can draw upon their Extended Project in their personal statement and at interview to provide evidence of enthusiasm for their chosen subject.



### LLS Sports | Sport Coaching & Development

We deliver the BTEC Level 3 Extended Diploma, in partnership with LLS (llsonline.uk). We are passionate about affecting the life opportunities of our students and communities we serve. We believe that we deliver the best Sport Education programme in the UK and take students to incredible destinations regardless of starting points or postcodes. We engage, inspire and enable students to genuinely be the best version of themselves. The academic study is about gaining the qualifications and knowledge for the "next step" but we are hugely committed to creating unique opportunities and experiential learning far beyond the confines of the classroom.

#### Unique experiences

Our students are expected to work extremely hard whilst on programme, so we believe it is essential to reward them over the course of the two years with unique and meaningful experiences. Below are some of the experiences the students will take part in:

#### Residential experience

During the first 3 weeks of term our students enjoy a residential experience at LLS' 82 bed accommodation in South Liverpool. The trip is geared towards the students getting to know one another and they enjoy water sports, free running and mixed martial arts in a fun packed 48-hours.

#### Guest speaker series

We believe it's important that our students are inspired whilst being introduced to different pathways within the sports industry. We expose our students to leaders in their field to engage, motivate and develop a comprehensive professional network.



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