Sixth Form
Curriculum Options

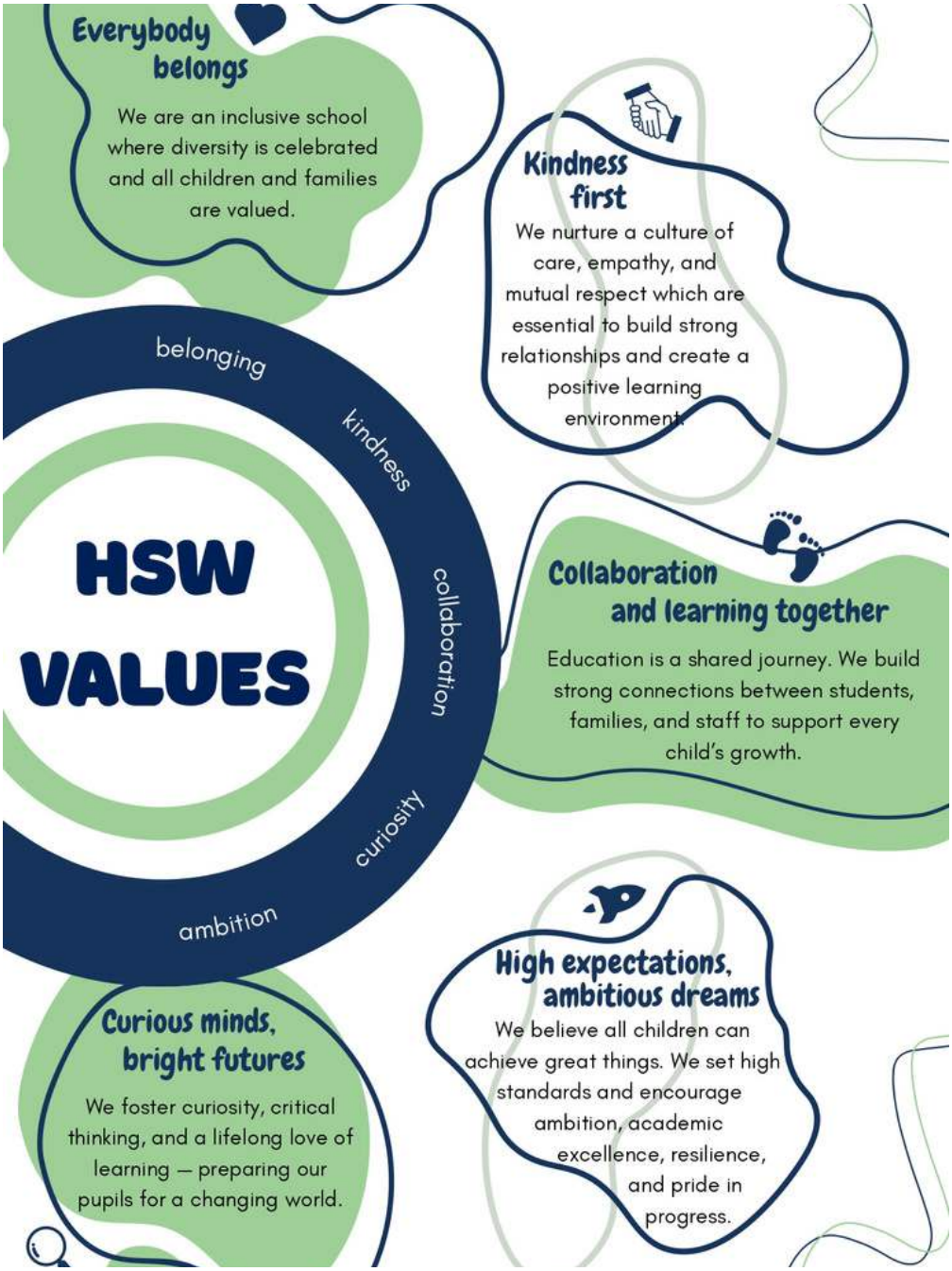
Bespoke | Nurturing | Ambitious

Contents

Mission Statement and HSW Values

At Hall School Wimbledon, we are a nurturing and ambitious community where every child is supported to flourish as an individual. As a non-selective, all-ability independent school, we believe in the unique potential of every pupil and provide a bespoke education that inspires confidence, curiosity, and a love of learning.

Grounded in our values of belonging, kindness, curiosity, collaboration, and ambition, we create a safe and inclusive environment where children feel known, valued, and empowered to thrive. We encourage pupils to embrace challenges, work together with respect, and develop the skills and character to succeed both within school and beyond.
Our mission is to cultivate resilient, compassionate, and inquisitive young people who are prepared not only for academic success, but also to make a positive difference in the world.



Our Sixth Form

Welcome to Hall School Wimbledon. Our aim is to provide a unique, dynamic and highly personalised experience for our young adults. Our ethos is founded on an unshakeable commitment to supporting every student. Our holistic view of education means that we value not only our students' academic endeavours, but also their creative and sporting talents, their personal aspirations and their individual character. With small classes and tailored teaching for each individual, we have a proven track record of empowering our students to become well-rounded, confident individuals. Our culture is guided by our vision and propelled by our values, every day. We deliver a contemporary and inclusive education in a caring environment, empowering all pupils to flourish and become independent, lifelong learners.

This vision is delivered through our values, which influence everything we do, every day. How we lift these values from the page is what matters. We champion our values at every opportunity – in assemblies, in lessons and in the positive interactions and conversations that play out between our staff and pupils every day. Every school is a values-based organisation. Grounded in our values of belonging, kindness, curiosity, collaboration, and ambition, we create a safe and inclusive environment where children feel known, valued, and empowered to thrive. We encourage pupils to embrace challenges, work together with respect, and develop the skills and character to succeed both within school and beyond. Such a culture of kindness is as beneficial to a seventeen-year-old, as it is to a seven-year-old, perhaps even more so, as our eldest students learn to navigate their emotional landscape, discovering who they are and how they will find the outstanding future that surely awaits them.

Our sixth formers will be role models to their fellow students, not only for the many achievements and successes they will enjoy, but fundamentally for the way they respect themselves and one another. In an ever-changing world, with uncertainty and instability at every turn, or so it seems, our school provides our burgeoning young adults with stability, conviction and direction.

Jack Tyson
Headteacher

Welcome to the Sixth Form at Hall School Wimbledon, a place where ambition meets support, and individuality is championed. As Head of Sixth Form, I'm proud to lead a community that not only nurtures academic excellence but also prepares students for life beyond Year 13. Our tailored curriculum, small class sizes, and dedicated teaching staff ensure that every student receives the attention they need to thrive.
Beyond the classroom, we offer a robust careers programme aligned with the Gatsby Benchmarks, including personalised guidance interviews, workplace experiences, and encounters with employers and universities. Our students benefit from expert support with UCAS applications and apprenticeship pathways, ensuring they make informed choices about their futures. Whether heading to university, launching a career, or exploring other opportunities, our Sixth Form equips students with the confidence, skills, and clarity to take their next steps.

Elaine Ward
Head of Sixth Form

Our Curriculum

All students choose three A-Level subjects, or a combination of A-Level and BTEC courses. They also have games lessons and an extensive tutor programme to supplement their academic studies and provide high quality personal development, tailored to individual needs. This includes PSHE lessons and a study skills programme. Our aim is to offer students with not only academic qualifications, but preparation for university and life beyond school.

Subjects on offer at HSW*

BTEC (AAQ) Medical Sciences	A-Level Geography
BTEC (AAQ) Applied Science	A-Level History
A-Level Art and Design	A-Level Maths
A-Level Biology	A-Level MFL - French
A-Level Business	A-Level Music Technology
A-Level Chemistry	A-Level Philosophy
A-Level Computer Science	A-Level Photography
A-Level Drama and Theatre	A-Level Psychology
A-Level Economics	A-Level Physical Education
A-Level English Literature	A-Level Physics
A-Level Further Maths	A-Level Religious Studies

**Subject Courses will run subject to student demand*

Choosing the right courses

Choosing the right courses is an important decision and students may consider a range of factors in their decision making.

Future careers: we encourage students to research whether subject combinations do not restrict future career ambitions.

Degree requirements: some degrees require specific A-Level or BTEC courses - use pages 10 and 11 of this booklet as a guide so that these can be factored into decision making.

Interest: students will be required to immerse themselves into their chosen subjects so it is imperative they enjoy the subject.

The School Day

Registration	8.30-9.00
Period 1	9.00-9.45
Period 2	9.45-10.30
Break Time	10.30-10.50
Period 3	10.50-11.35
Period 4	11.35-12.20
Period 5a	12.20-13.00
Lunch	13.00-13.40
Period 6	13.40-14.20
Break Time	14.20-14.40
Period 7	14.40-15.20
Period 8	15.20-16.00
Co-Curricular	16.00-17.00

PSHE

All students have mandatory PSHE lessons, taught once a week in Key Stage 5. It is non-examined, filled with discussion and features selected activities that are anchored by their form tutor. Students can currently expect to study the following themes for one term in each of Years 12 and 13:

- Careers, Finance and Independence
- Sex, Relationships and Society
- Health and Wellbeing

The understanding and skills secured in PSHE will extend not only to students' study options and the working world but also to their personal lives. From managing finances at home; giving presentations; and submitting personal statements for university, our vision for PSHE is one in which every student is equipped with the tools to make the most of wherever their journey may lead.

Post-18 Preparation Journey

At Hall School Wimbledon, our Sixth Formers are given the opportunity to grow as individuals and explore their post-18 options. We are committed to producing confident and self aware young adults who feel empowered to take their next steps.

Year 12

Trips to university and careers fairs

CV writing skills

Careers assemblies

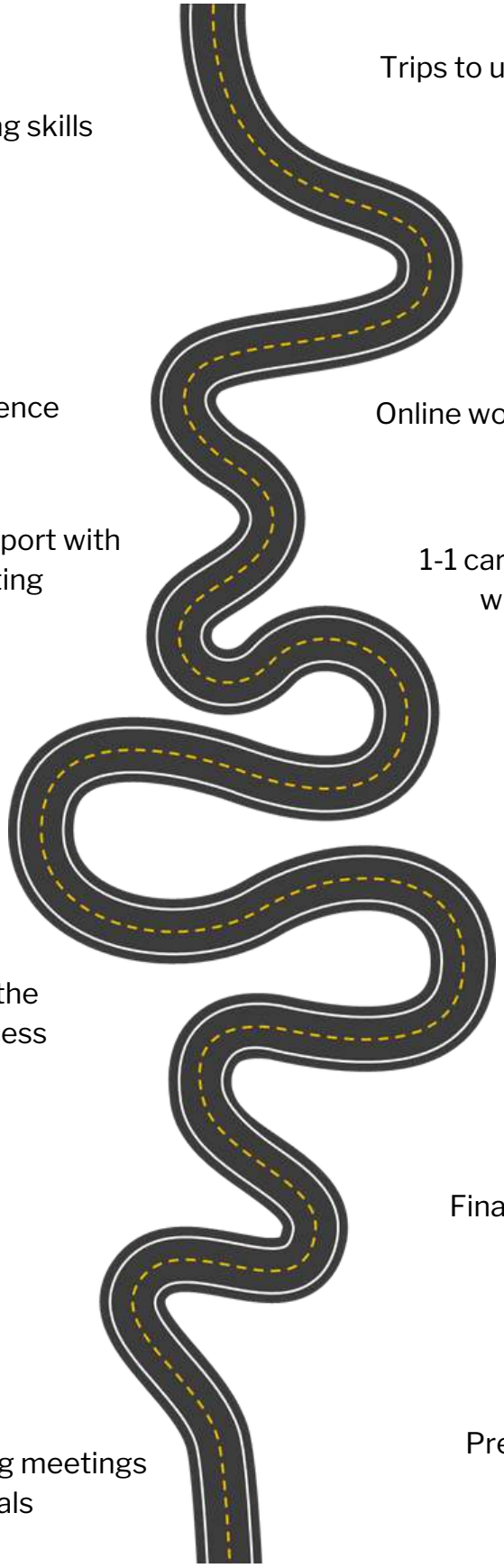
Volunteering opportunities in the local community

Work experience

Online workshops on post-18 options

Guidance and one-to-one support with personal statement writing

1-1 career mentoring meetings with targets and goals



Year 13

Oxbridge style interview preparation

Tailored support with the UCAS application process

Financial skills workshop

Mindfulness workshops

One-to-one career mentoring meetings with targets and goals

Preparation for university eg student meal planning workshops

Gatsby Benchmarks

1. A stable careers programme– at HSW we propose to embed a programme of career education and guidance that is known and understood by our students, parents, teachers and employers.

2. Learning from career and labour market information– every student at HSW, and their parents, will have access to good-quality information about future study options and labour market opportunities.

3. Addressing the needs of each pupil– our sixth formers will have different career guidance needs at different stages. Opportunities for advice and support will be tailored to the needs of each student, incorporating quality and diversity considerations throughout.

4. Linking curriculum learning to careers– all teachers will link curriculum learning with careers. For example, STEM subject teachers will highlight the relevance of STEM knowledge and skills for a wide range of future career paths.

5. Encounters with employers and employees– every student in Y12-13 at HSW will have multiple opportunities to learn from employers about work, employment and the skills that are valued in the workplace. This will be through a range of enrichment activities including our visiting Inspiring Speakers programme, mentoring and enterprise schemes.

6. Experiences of workplaces– every student will have first-hand experience of the workplace through work visits, work shadowing and/or work experience to help their exploration of career opportunities, and expand their networks.

7. Encounters with further and higher education– all students will be helped to understand the full range of learning opportunities that are available to them. This includes both academic and vocational routes and learning in schools, colleges, universities and in the workplace.

8. Personal guidance– every student in Y12-13 at HSW will have opportunities for guidance interviews with a Careers Adviser (our Head of Careers and PSHE). These will be available whenever significant study or career choices are being made.

Degree Course Overview

Accountancy and Finance
Mathematics is preferred and usually required, typically alongside a grade 6 in GCSE Mathematics.

Architecture
Mathematics or Physics are often preferred, but all courses will require a portfolio which needs to come from Product Design or Art.

Art & Design
Art is required with a portfolio of work.

Biological Sciences
A portfolio with subjects such as Biology, Chemistry, Geography, Mathematics or Physics are typically recommended.

Business
Business or Economics are preferred, and typically a grade 6 in GCSE Mathematics.

Chemistry
Chemistry is required, Mathematics and additional sciences are useful and in some cases required.

Computer Sciences
Mathematics is usually required, Computer Science/Sciences are often useful. Many universities require a grade 6 in Mathematics at GCSE.

Dentistry
Biology and Chemistry are required.

Economics
Mathematics is required and Economics is useful.

Engineering (Aeronautical, Chemical and Mechanical)
Mathematics and Physics are required. Product Design is a named as a 3rd option by the University of Cambridge in their admissions guidance.

English
English Literature is required.

Geography
Geography is usually required.

Geology
Two sciences are often required, and typically Mathematics and Geography are preferred with one science subject.

History
History is normally required.

Law
Essay writing subjects such as History and English Literature are seen as advantageous. Russell Group universities also value studying Drama if you are taking Law.

Marine Biology
Biology and Chemistry are usually required. Mathematics, Geography or Computing can also be useful.

Mathematics
Mathematics is essential, and Physics is also preferred.

Medicine
Chemistry is essential, Biology highly recommended. Mathematics and Physics preferred.

Degree Course Overview (cont.)

Modern Languages
First modern language in the main area of study, and a second modern language is also preferred. English Literature is seen as useful.

Music
Music is normally required.

Pharmacology
Chemistry and Biology are typically required, and either Physics or Mathematics.

Philosophy
Essay writing subjects such as History and English Literature are seen as advantageous.

Physics
Physics and Mathematics are essential.

Politics
No specific essential subject. Government & Politics is helpful, however.

Psychology
Psychology and Biology are useful.

Sports Science
Physical Education A-Level or BTEC required.

Theology
Essay writing subjects such as History and English Literature are seen as advantageous.

Veterinary Sciences
Chemistry and Biology are typically required and/or Mathematics and Physics.

Zoology
Biology and one other science usually required.

BTEC (AAQ) Medical Science

Examination board: Pearson

Why study AAQ Medical Science?

Studying AAQ Medical Science, offers a comprehensive understanding of the intricacies of human biology, providing a strong foundation for various healthcare and biotechnology careers. The practical nature of the course, including laboratory work and experiments, allows for hands-on learning experiences that directly apply theoretical knowledge. This qualification opens doors to diverse career pathways such as laboratory technician, healthcare assistant, and biomedical scientist. Additionally, AAQ Medical Science equips students with transferable skills such as critical thinking and data analysis, enhancing their employability across multiple industries. The course is a valuable investment for those passionate about biology and seeking dynamic career opportunities in the ever-evolving fields of healthcare and biotechnology.

Course Outline

The AAQ Medical Science, focuses on foundational concepts in human biology through mandatory units. These units cover essential topics including anatomy and physiology, genetics and inheritance, cellular biology, and biochemistry, providing students with fundamental knowledge and skills applicable to various fields within healthcare and biotechnology.

In their first coursework, students will engage in hands-on laboratory experiments focused on studying microorganisms. They will cultivate skills in aseptic techniques, microbial culturing, identification methods, and data analysis, gaining practical experience essential for understanding microbiological principles and applications. Their second coursework will lead them to research about a topic such as immunology, neurobiology, reproductive biology, or environmental health, providing them with a more tailored learning experience and further expanding their knowledge in specific areas of human biology.

Entry Requirements

To embark on the AAQ Medical Science, students benefit from a foundational set of skills. Proficiency in biology, chemistry, and mathematics provides a solid basis for understanding the scientific principles underpinning human biology. Critical thinking skills are crucial for analysing complex biological concepts, while strong communication skills aid in conveying ideas effectively, both verbally and in writing.

In addition to the general entry requirements, you will need to achieve a minimum of:

- Grade 5 in GCSE Biology or Grade 5-5 in GCSE Combined Science
- Grade 4 in GCSE Maths
- Grade 4 in English Language

After Sixth Form

AAQ Medical Science, leads to diverse career opportunities in healthcare, research, and related fields. Students can pursue roles such as laboratory technician, healthcare assistant, biomedical scientist, or clinical research associate, where they conduct experiments, analyse data, and contribute to scientific discoveries. With further education and training, they can advance to positions such as genetic counsellor, medical laboratory technologist, or pharmaceutical sales representative, providing specialized expertise in genetics, diagnostics, or pharmaceuticals. Additionally, students may explore careers in health education, research assistance, or science communication, leveraging their knowledge of human biology to promote public health and scientific literacy.

BTEC (AAQ) Applied Science

Examination board: Pearson

Why study AAQ Applied Science?

AAQ Applied Science is an alternative to studying Science at A Level, and develops a blend of technical and academic Science skills that will support your progression to university or employment. This AAQ Extended Certificate course will enable you to develop scientific skills and understanding with units in Chemistry, Biology, Physics and Maths. Principles and concepts combined with skills and real-life applications across a range of scientific disciplines – that's what AAQs in Applied Science are all about. You'll be assessed through practical, task-based and written assessments, which means it's about so much more than just remembering facts and formulae: with a AAQ you're drawing on your knowledge and understanding to apply what you know in realistic situations.

Course Outline

Unit 1: Principles and Applications of Science I:
A theory-based unit covering key concepts in Biology, Chemistry and Physics.
90 hours of study. (Biology = 30 marks; Chemistry = 30 marks; Physics = 30 marks).
Externally assessed: 3 x 40-minute exams sat in January.
Unit 2: Practical Scientific Procedures and Techniques:
A practical based unit introducing students to quantitative laboratory techniques (in titration and colorimetry), calibration, chromatography, calorimetry and laboratory safety.
90 hours of study.
Internally assessed via laboratory work and practical reports assessed throughout the first year.
Unit 3: Science Investigation Skills
A practical based unit covering the stages involved and skills needed in planning a scientific investigation. Topics covered include enzymes, diffusion, plant growth, fuels & circuits.
120 hours of study
Externally assessed: 1 x 2-hour 15-minute exam sat in January of Year 2.
Optional Unit: Students will choose to specialise in a topic of their choice in Biology, Chemistry or Physics (Internally assessed)
60 hours of study

Entry Requirements

Grade 4 in GCSE Maths & GCSE English Language, Grade 4-4 in GCSE Combined Science or Grade 4 in the Separate Science GCSEs.

After Sixth Form

An AAQ in Applied Science opens up level 3 qualifications in Science to a wider range of students. Over 95% of universities now recognise AAQs and Applied Science opens the door to an extensive choice of Science-based degrees when combined with appropriate A-levels or other AAQs.
These include Pharmaceutical Science, Forensic Science, Biomedical Science, Paramedic Science, Nursing, Psychology and Environmental Science amongst many others. Furthermore, an AAQ in Applied Science allows progression to higher and degree Apprenticeships. A significant proportion of students that choose this path undertake Apprenticeships in Chemical, Health or Engineering related subjects. The course covers both practical and written content and is designed to provide students with the relevant skills and knowledge that universities & employers value, as well as the confidence to progress into a fulfilling, exciting career.

A-Level Art & Design
Examination board: Edexcel

Why study A-Level Art and Design?

To learn to understand the world that surrounds us, in an intuitive way, participating in art is a vital part of the process. We harness this natural capacity of creativity, passion and individuality to go further on a journey of discovery. To open your eyes and see what art can be for you and awaken your sensibilities. We celebrate individual potential and encourage you to follow your curiosity through experimentation and want you to question what you see without the fear of failure. We enable you, the individual, to embrace your imagination and to use art as the vehicle to express and empower yourself.

Course Outline

The course is split into two sections with the first being Course Work which is undertaken in the four terms. This aspect is worth 60% of the A-Level mark. This encompasses building up a portfolio (Sketchbooks) of work based on their own ideas and concepts with the light guidance of the teacher. This must contain individual research and investigations, on their chosen themes agreed with the teacher. Experimental work, to develop ideas towards their outcomes and an understanding of the context of their work and what it means and relates to is crucial. The student will also have to be able to demonstrate critical understanding of artists of the past and current contemporary practicing artists. All students are taught these skills at GCSE and they are reinforced and enhanced at A-Level. All students would be expected to produce three to four major outcomes from this period of work. In the fourth term we also do the essay component and this will be linked to the individual themes they are currently researching.

The ESA (Externally Set Assignment):

This aspect is worth 40% of the mark. The students are given an exam paper from Edexcel that will set a theme for them to challenge and consider possibilities. The student will then have approximately 10 weeks to build up a portfolio of work (Sketchbooks) which demonstrates all the criteria required towards developing an idea for their final piece. The final piece is done in an 15 hour examination split over two to three days of continuous making.

Entry Requirements

In order to be in a position to be able to challenge and access the Art and Design syllabus it is recommended that the pupils have studies a creative subject at GCSE with a Grade 6 Standard. However, depending on circumstances, this is not written in stone and there are exceptions where upon we would consider pupils who have not undertaken the subject at GCSE.

After Sixth Form

The university and career options from Art are enormous, numerous and incredibly varied. Students who have gone on to the creative industries have ended up practicing successfully as artists, sculptors, and fashion designers. The course leads onto numerous different career pathways, such as graphic design, product design, journalistic photography, web designers, app designers, architects, media designers, theatre design, costume design, tv and film. The creative arts are the biggest employment area in the UK which contributes around £70 billion to the UK economy every year. Most advertising and marketing companies are calling out for the creative thinkers that can enhance their businesses with different perspectives and a way of looking at the world differently.

A-Level Biology

Examination board: AQA

Why study A-Level Biology?

Biology is the study of living organisms and their interactions with each other and their environments. It helps you understand how life functions, from the molecular level to ecosystems. Therefore, it is at the forefront of addressing pressing global challenges such as climate change, infectious diseases, biodiversity loss, and genetic engineering. Studying biology equips you with the knowledge to understand and contribute to discussions on these issues. If you're fascinated by the diversity of life, the mechanisms that govern living organisms, or the intricacies of ecosystems, studying A-Level Biology can satisfy your intellectual curiosity and passion for the natural world. It provides a deeper appreciation of the beauty and complexity of life.

Course Outline

A-level Biology encompasses the study of living organisms and their interactions, focusing on key themes such as cell biology, genetics, physiology, ecology, and evolution. Students explore the intricacies of cellular structures and processes, including DNA replication, protein synthesis, and cellular respiration. Understanding genetics involves investigating inheritance patterns, genetic variation, and the molecular basis of heredity. Physiology delves into the structure and function of organs and organ systems in humans and other organisms, covering topics such as the nervous system, cardiovascular system, and homeostasis. Ecology examines the relationships between organisms and their environments, including population dynamics, community interactions, and ecosystem functioning, while evolution explores the processes of natural selection, adaptation, and speciation. Together, these main ideas provide a comprehensive understanding of the principles governing life.

Entry Requirements

Success in A-Level Biology hinges on adept critical thinking to navigate complex concepts, coupled with analytical prowess for interpreting data accurately. Proficiency in scientific literacy and numeracy is crucial for comprehending and applying biological principles effectively. Strong communication skills, both written and verbal, facilitate clear articulation of ideas and findings, while practical laboratory skills are essential for conducting experiments safely and accurately recording data.

In addition to the general entry requirements, you will need to achieve a minimum of:

Grade 6 in GCSE Biology or Grade 6-6 in GCSE Combined Science

Grade 6 in GCSE Maths (Higher level)

After Sixth Form

A-level Biology is immensely useful after 6th form as it opens doors to a wide range of career opportunities in the fields of healthcare, research, and environmental science. For instance, individuals with a strong background in A-Level Biology can pursue careers as doctors, nurses, pharmacists, or biomedical scientists in the healthcare sector. In research, they can work as scientists, studying diseases, genetics, or environmental impacts. Furthermore, A-Level Biology provides a foundation for roles in environmental conservation, such as ecologists, environmental consultants, or wildlife biologists. Overall, A-Level Biology equips students with the knowledge and skills needed for diverse and rewarding careers that contribute to the betterment of society and the environment.

A-Level Business
Examination board: Edexcel/Pearson

Why study A-Level Business?
A-Level focuses on a problem solving approach designed to help students understand the nature and working of business organisations. Much of the learning is based around business case studies and focusing on how students can apply their knowledge to determine the success of a business. Studying Business will encourage students to develop a critical understanding of different businesses, the context in which they operate, the markets they serve, and ultimately recommend actions that businesses should take to be successful. Students will be expected to immerse themselves in a business-like mindset and to pay attention to the world around them.

Course Outline
Students will develop a broad understanding of the range of activities businesses undertake to compete and be successful in the local, national and global economy. In addition, students will learn to analyse various business scenarios, identify the key issues facing different business and make recommendations as to what approach the business should take to achieve its objectives.

A-Level Business
This A-Level Business course is examined through 3 two-hour written papers, which cover a range of topics and themes taught in Year 12 and 13, with a focus on both qualitative and quantitative skills.

Entry Requirements
A-Level Business: Grade 5 in GCSE English and Grade 5 in GCSE Maths

After Sixth Form
Students will be studying a subject that is dynamic and ever changing, therefore they will acquire a range of important skills including research, presentation and essay writing skills.
Successful completion of a Business course could lead to a place in higher education or a career in one of the following areas: Marketing e.g. Advertising, and/or Brand Management, Sales; Human Resource Management e.g. Recruitment and Training; Customer Services; Strategic Business Management; or managing and controlling the financial performance of a business e.g. Accountancy.
Business Graduates might also enter graduate trainee schemes with large corporate companies. Some graduates go on to study an MBA or qualify in teaching and lecturing. Entrepreneurial graduates might also start their own business. A business and management studies degree prepares students for a career in business, which may stretch across any sector or industry.

A-Level Chemistry
Examination board: AQA

Why study A-Level Chemistry?

Chemistry is an exciting and varied subject which combines aspects of other areas of science, such as biology and physics, and applies them to the study of everything from natural to man-made materials. You'll develop the skills to learn more about existing chemicals and even how to create new ones. Everything around us is chemical — and by studying chemistry you might be the next person to create new medicine, new materials and new sources of energy to improve our way of life!

Course Outline

Chemistry is a fascinating and engaging subject where each year you will study units that cover aspects of organic chemistry (where you will learn about studying pharmacology and the use of fuels), physical chemistry (to learn about how we can use rates of reactions and equilibria to our advantage on an industrial scale) and inorganic chemistry (where you will learn about ionic reactions and the trends in the periodic table). A day as a chemist is never the same. One day you may be surrounded by practical equipment analysing the content of some medicines or even creating your own Aspirin. Other days you might be carrying out calculations, writing equations or drawing the structure of the molecules that make up your DNA.

Entry Requirements

Chemistry A-Level is a highly theory-based course that is assessed by exams and builds directly on GCSE work in Chemistry and Maths. You are most likely to succeed if you have an appropriate base knowledge and a good track record of success in exam-based courses at GCSE overall.

In addition to the general entry requirements, you will need to achieve a minimum of:
Grade 6 in GCSE Chemistry or Grade 6-6 in GCSE Combined Science
Grade 6 in GCSE Maths (Higher level)

After Sixth Form

Chemistry remains one of the most vigorous and demanding of A-Levels especially suited, but not exclusively, to those students also studying other sciences such as Maths, Physics and Biology. It is an essential choice for those wishing to pursue careers in medicine, dentistry, veterinary science and related subjects. Your career options do not stop here however. There are endless pathways you could choose after studying chemistry: designing gastronomic delights like Michelin star chef Heston Blumenthal; creating groundbreaking new textiles for the fashion industry; exploring the ecosystems that lie beneath the oceans; modelling the effects of climate change or even restoring master artworks to their former glory!

A-Level Computer Science

Examination board: OCR

Why study A-Level Computer Science?

A-Level Computer Science provides an excellent foundation for understanding and applying solutions to future challenges.

With its emphasis on abstract thinking, general problem-solving, algorithmic reasoning, and mathematical skills, this course equips you to tackle complex problems in the digital age.

Course Outline

Understanding Computer Systems:

You'll gain a sound understanding of the internal structure of computers and how they operate.

Topics include computer structure, software development, networking, and data processing.

Programming Skills:

A significant portion of the course focuses on programming.

You'll develop skills in expressing solutions to problems using algorithms and learn how standard data processing can help create mobile apps.

Practical and Theoretical Learning:

The course covers both practical programming skills and theoretical concepts.

You'll explore hardware interactions, software development, data communication, and digital security.

High Demand for Computer Science Skills:

As computers play an integral role in society, individuals with A-Level Computer Science skills are in high demand.

Universities and employers value analytical thinking and problem-solving abilities developed through this course.

Entry Requirements

- A minimum of a grade 6 in Mathematics or a grade 5 in Computing at GCSE level.
- Contextual offers can be made at the discretion of the Head of Computer Science.
- Previous study of ICT is not typically required for A-level Computer Science.

After Sixth Form

Pursuing a career in Computer Science opens up a wide range of exciting careers. Opportunities include system analysis, computer programming, animation, and more.

Applications Developer: Creating, building, and maintaining software programs and systems.
Cybersecurity Analyst: Protecting organisations from cyber threats and ensuring data security.
Data Analyst: Analysing and interpreting data to inform decision-making.
Forensic Computer Analyst: Investigating digital evidence in legal cases.
Games Developer: Developing game software and mechanics.
Penetration Tester: Identifying vulnerabilities in computer systems.
Software Engineer: Designing, developing, and maintaining software solutions.
Systems Analyst: Analysing and improving IT systems.
User Experience (UX) Designer: Enhancing user satisfaction by improving usability.
Web Developer: Building and maintaining websites and web applications.
Business Analyst: Analysing business processes and suggesting improvements.
Machine Learning Engineer: Working on artificial intelligence and data science projects.
Nanotechnologist: Exploring cutting-edge technology at the nanoscale.
Network Engineer: Designing and maintaining network infrastructure.
Telecommunications Researcher: Investigating communication technologies.
and much more..

A-Level Drama and Theatre

Examination board: AQA

Why study A-Level Drama and Theatre?

Studying Drama and Theatre at A-Level is a unique opportunity to explore the diverse world of performance, storytelling, and theatrical expression. This dynamic course encourages you to engage with a range of dramatic texts, both classic and contemporary, and to develop your skills in performance, direction, design, and critical analysis. Through practical exploration and theoretical study, you will deepen your understanding of the theatrical arts and gain invaluable insights into the power of performance to reflect, challenge, and inspire. Whether you are an aspiring actor, director, designer, or simply just a lover of the stage, this course provides a rich and rewarding journey into the heart of drama and theatre.

Course Outline

The A-Level Drama and Theatre program offers students an immersive journey into the practical art form of drama, where the intricacies of conveying ideas and meaning to an audience through form, style, and convention are explored. Delving into diverse theatrical styles, periods, and socio-cultural contexts, students navigate the intricate relationship between theory and practice, leveraging research and critical analysis of live productions to inform their creative decisions.

The course is structured across three components:

Drama and theatre

Students study two set plays and explore how each play is structured for performance and its cultural and historical context. Students are also required to develop skills in analysing and evaluating the work of live theatre makers, encompassing performers, designers, and directors.

Creating original drama

Students learn to develop and communicate original ideas, drawing on practical understanding of theatre-making processes and knowledge of influential practitioners. They explore devising and rehearsal methods, refine works in progress, and analyse the work and methodology of a prescribed practitioner.

Making Theatre

Each student selects one of the following roles for assessment: performer, lighting designer, sound designer, set designer, costume designer, puppet designer, or director, with costume designers having the option to incorporate make-up, hair, or masks, and set designers having the choice to include prop design.

Assessment involves practically exploring three key extracts from different plays, performing or creating a realised design for one extract, demonstrating the influence of the chosen practitioner's work and methodology, and analysing and evaluating their interpretation of all three extracts.

Entry Requirements

Grade 6 or above in GCSE Drama and Grade 6 or above in English Language or English Literature.

After Sixth Form

You could pursue a career as an actor or actress, captivating audiences on stage or screen. Alternatively, you might explore the creative realm of directing, bringing your artistic vision to life in theatre, film, or television productions. If storytelling is your passion, consider a path as a playwright or scriptwriter, crafting compelling narratives for various media platforms. You could also venture into arts administration, stage management, or drama education, shaping the future of theatre and inspiring the next generation of performers. Whatever your aspirations, studying A-Level Drama and Theatre equips you with invaluable skills in creativity, communication, and collaboration, opening doors to a diverse range of rewarding career opportunities.

A-Level Economics
Examination board: Edexcel

Why study A-Level Economics?

Economics is the study of why people make decisions and how this impacts on the allocation of resources throughout the world. It seeks to explain what drives human behaviour, decisions and reactions when faced with difficulties or successes. It often involves topics like wealth and finance, but it's not all about money. Economics is a broad discipline that helps us understand historical trends, interpret today's headlines, and make predictions about the coming years.

Course Outline

The course is structured into four themes and consists of three externally examined papers at the end of Year 13.

Theme 1: Introduction to markets and market failure

This theme focuses on microeconomic concepts. Students will develop an understanding of the nature of economics, how markets work, market failure and government intervention.

Theme 2: The UK economy: performance and policies

This theme focuses on macroeconomic concepts. Students will develop an understanding of measures of economic performance, aggregate demand, aggregate supply, national income, economic growth, macroeconomic objectives and policy.

Theme 3: Business behaviour and the labour market

This theme develops the microeconomic concepts introduced in Theme 1 and focuses on business economics. Students will develop an understanding of business growth, business objectives, revenues, costs and profits, market structures, the labour market and government intervention.

Theme 4: A global perspective

This theme develops the macroeconomic concepts introduced in Theme 2 and applies these concepts in a global context. Students will develop an understanding of international economics, poverty and inequality, emerging and developing economies, the financial sector and the role of the state in the macro economy.

Entry Requirements

Economics involves the analysis of quantitative data and evidence, whilst also explaining concepts concisely so both sound mathematical ability and literacy skills are required to study economics successfully. Students should also have an interest in the workings of individual industries and the policy decisions of governments, as the A-Level looks at both of these. Students will be expected to keep up-to-date with economic changes and trends, so an interest in watching or reading current affairs is helpful.

Grade 5 in GCSE English and Grade 5 in GCSE Maths.

After Sixth Form

Economics is a versatile subject that can help you in a number of careers. You could find yourself working for a big corporation, banks or the government. Your qualification in economics could also be valuable support in a career such as marketing, law, journalism or teaching.

In terms of new employment areas, economists would be well prepared for roles in 'Big Data'. This is a new field and is about analysing large volumes of data to identify patterns, and so help businesses or governments make better decisions. This could be, for example, in relation to customer behaviour, the spread of diseases, crime patterns, or trends in financial markets.

A-Level English Literature

Examination board: AQA

Why study A-Level English?

This A-level English Literature curriculum with AQA offers a rich and exciting journey through some of the most powerful and thought-provoking works ever written. From Shakespeare's Othello, with its exploration of love, jealousy and power, to Fitzgerald's dazzling yet tragic vision of the American Dream in The Great Gatsby, you'll discover how writers across time have captured the intensity of human experience. Modern voices like Margaret Atwood's The Handmaid's Tale and Carol Ann Duffy's Feminine Gospels open up discussions about identity, politics, and gender in ways that feel strikingly relevant today, while Tennessee Williams' A Streetcar Named Desire brings raw emotion and social change to the stage. Alongside these set texts, the freedom to compare classics like Mary Shelley's Frankenstein with contemporary novels such as Kazuo Ishiguro's Never Let Me Go lets you explore timeless questions about humanity, morality, and the future. Together, this diverse mix of drama, poetry, and prose invites you to think critically, make connections, and appreciate how literature both reflects and shapes the world around us.

Course Outline

Paper 1: Love Through the Ages

- Shakespeare: Othello
- Poetry anthology: AQA Poetry Anthology: Love Through the Ages (pre-1900 and post-1900 poems)
- Prose: The Great Gatsby (F. Scott Fitzgerald)

Focus: explore how writers from different periods represent love, desire, betrayal, and relationships.

Paper 2: Texts in Shared Contexts

Option B: Modern Times – Literature from 1945 to the present day

- Prose: The Handmaid's Tale (Margaret Atwood)
- Drama: A Streetcar Named Desire (Tennessee Williams)
- Poetry: Feminine Gospels (Carol Ann Duffy)

Focus: how literature reflects and shapes social, political, and cultural contexts since 1945, including gender, identity, and power.

Non-Exam Assessment (NEA): Independent Critical Study

- Comparative coursework essay on two chosen texts, one pre-1900.
- Example pairing:
  - Frankenstein (Mary Shelley, 1818)
  - Never Let Me Go (Kazuo Ishiguro, 2005)

Focus: an independently researched essay (2,500–3,000 words) exploring connections across time, themes, or literary form.

Entry Requirements

Grade 6 in English Language
Grade 6 in English Literature

After Sixth Form

As the course involves a number of cross-curricular skills, including detailed analysis and written communication, studying A-Level English Literature opens the door to a wide array of future prospects. It is for this reason that A-Level English is highly regarded in both Higher Education and the world of work.
It is widely recognised by universities that the skills developed through the study of A-level English are among the most transferable, with English graduates going on to develop the widest range of careers — among the most popular are publishing, broadcasting, marketing and PR, journalism, law, teaching and politics.

A-Level Further Maths
Examination board: Edexcel

Why study A-Level Further Maths?

Further Mathematics is for students who get inspired when investigating and solving mathematical problems. The content is deep, involved and very exciting! This is for students who thrive when working with mathematics! Further Mathematics students will take previously studied concepts further, looking deeply into methods and applications across the subject. They will develop the ability to think and argue logically and reasonably and put these skills into practice through problem solving, applying knowledge in unfamiliar situations.

Course Outline

Pure: Algebra, proof, sequences and series, vectors, calculus, polar coordinates, hyperbolic functions, differential equations, matrices, linear transformations, and complex numbers.

And any 2 of:

Mechanics: Modelling, projectiles, vectors, collisions, elastic strings and springs.
Statistics: Poisson distribution, negative binomial distribution, normal distribution, hypothesis testing, central limit theorem, goodness of fit tests and probability generating functions.
Decision Maths: Algorithms, graph theory, algorithms on graphs, critical path analysis and linear programming.

Entry Requirements

Grade 7 in GCSE Maths

After Sixth Form

Further Mathematics is a course valued by employers across a range of careers. It is particularly valuable for those going on to study Mathematics, Physics, Engineering or Economics at degree level. It demonstrates a pronounced aptitude for logic and understanding which are skills indispensable across most careers.

A-Level Geography

Examination board: AQA

Why study A-Level Geography?

Do you enjoy learning about people and their societies, economies, cultures, and the environments? If so, there has never been a better and more important time to study Geography! Geography studies the relationship of human populations to each other over space and time, as well as their relationship with the physical environment at a variety of scales from the local to the global. This course is ideal if you want to know more about the world in which you live.

Course Outline

This is an exciting A-Level course which focuses upon people and environments. At all stages the emphasis is on investigating topical issues that can affect all of our lives now and in the future. The approach in lessons is varied, with a variety of teaching and learning styles being adopted. This includes geographical enquiry, problem solving, decision making, debate, presentations and supported self-study.

Across the two years you will complete units on both physical and human geography, investigating a variety of topics, issues and questions. You will also be expected to attend a 4 day field trip as part of the course. This will include the following:

- Are our coastal environments in danger and if so is it our fault?
- How are we putting Antarctica at risk?
- How do places change over time? What is the impact of this?
- What is the carbon cycle and how does it influence our changing climate?
- What creates our perception of a place?
- Are our world cities prepared for the future?
- What challenges face urban populations?

Entry Requirements

Both the physical and human geography units will be assessed at the end of Year 13. Students will sit a 2 hour 30 minute exam for each unit worth 40% of their final grade. Additionally they will complete a 3000-4000 word geographical investigation which will form 20% of their final grade.

You are most likely to succeed if you have a good track record of success in both exam and coursework based courses at GCSE overall.

In addition to the general entry requirements, you will need to achieve a minimum of:

Grade 5 in GCSE English

Grade 5 in GCSE Maths

After Sixth Form

Geography is a rigorous academic subject which helps us, through the integrated nature of the discipline, to examine complexity and to think critically.

It is therefore a popular choice for those wishing to pursue careers in a variety of different industries. From urban planning, international aid work, tourism, economics and trade or a geoscientist - the opportunities are endless!

A-Level History
Examination board: AQA

Why study A-Level History?

By studying history at A-level, you will learn to question sources, evaluate evidence, and consider different historical interpretations. This teaches you to look beyond simple answers and understand the complexity of events.The course requires you to articulate your ideas clearly and persuasively, both in writing and through class discussion. This is essential for writing essays and presenting arguments effectively. By exploring the past, you will gain a greater appreciation for the forces that have shaped modern societies, politics, and culture.

Course Outline

Component 1: Breadth Study

- The Making of a Superpower: USA, 1865–1975
  - This unit explores the transformation of the USA from the end of the Civil War to the aftermath of the Vietnam War. You'll examine key themes such as the Gilded Age, the Progressive Era, the Great Depression and New Deal, and the Cold War.

Component 2: Depth Study

- From Colonialism to Independence: The British Empire, 1857–1965
  - This unit examines the nature and impact of British imperialism from the Indian Mutiny to the decolonisation of African and Asian territories. You will analyse the motivations behind expansion, the experience of colonial rule, and the process of independence.

Component 3: Historical Investigation (NEA)

The Non-Exam Assessment (NEA) is an independent research project where you conduct an historical investigation on a topic of your choice. It's a coursework component worth 20% of your A-Level.

Entry Requirements

For A-Level History specifically, a grade 5 or 6 in GCSE History if you have taken it. If you have not, a strong grade in another essay-based subject can suffice.

After Sixth Form

A-Level History is a highly respected qualification that opens doors to a vast number of university courses and careers.

- University: History is an excellent foundation for degrees in Law, Politics, Economics, English, Journalism, and Archaeology. The analytical and research skills you develop are highly valued across many disciplines.
- Careers: The skills of a historian are transferable to a wide variety of professions. History graduates are sought after in fields such as law, journalism, media, Civil Service and Politics, education as well as heritage and museum work.

A-Level Maths
Examination board: Edexcel

Why study A-Level Maths?
Mathematics students develop the ability to think and argue logically and reasonably, and will put these skills into practice through problem solving and applying knowledge in unfamiliar situations.

Course Outline
Pure: Algebra, graphs, circles, proof, binomial expansions, trigonometry, sequences and series, vectors, calculus, numerical methods, parametric equations, exponentials and logarithms.

Mechanics: Modelling, constant acceleration, variable acceleration, forces and motion, moments, projectiles and vectors.

Statistics: Sampling, measures of location and spread, representation of data, correlation and regression, probability, binomial distribution, normal distribution and hypothesis testing.

Entry Requirements
Grade 6 in GCSE Maths

After Sixth Form
Mathematics is a course valued by employers across a range of careers. It leads naturally to careers in accounting, actuarial work, teaching, mathematical modelling (such as applications to meteorology) and data analysis. It is also useful in supporting work in degree level subjects such as Chemistry, Biology, Physics, Economics, Engineering, Architecture and Medicine.

Modern Foreign Languages: A-Level French

Examination board: Edexcel

Why study A-Level French ?

In studying MFL at A-Level, you will broaden your mind by learning more about the culture of French-speaking countries as well as getting to grips with the vocabulary and grammar of the language itself. You will expand the knowledge you gained at GCSE as well as having the opportunity to study a literary text and a film in the language of your choice. You will develop your transferable skills, which are highly regarded by employers, such as communication skills.

Course Outline

In the A-Level courses, you will develop your reading, listening, writing, speaking and translation skills in a supportive, small-group setting, whilst gaining a deeper understanding of the culture and society of the French-speaking world through studying films, music, media and politics. Furthermore, you will read and analyse a book and film, which is both challenging and exciting.
At the end of the course, you will complete 3 exams: Listening, reading and translation (40%), Writing and translation (30%) and Speaking (30%).

Entry Requirements

At A-Level you build on and expand your knowledge of French grammar from GCSE so you will need at least a Grade 6 in French to study this course, as well as a Grade 4 in English language.

After Sixth Form

Languages complement many subjects at A-Level and degree level, as well as being a fascinating, relevant and useful subject in their own right.

Universities are looking for students with language skills, especially in the field of science, who they can send for a work experience exchange with other universities in France.

Proficiency in languages is considered an asset by many employers and gives you a wide range of career options. In addition to related areas like translation or linguistics, languages can be used in the sectors of travel and tourism, law, marketing, STEM, journalism and banking. Employers value the transferable skills which language study provides.

A-Level Music Technology

Examination board: Edexcel

Why study A-Level Music Tech?

With Music Tech you will have a toolkit of knowledge setting you up as a modern professional musician. You will learn how to record yourself or bands / other artists and understand how music software and technology works. With this understanding you can set yourself up for a career in Music production, sound design, composition, as a singer songwriter or a DJ or music teacher.

Course Outline

In Music Technology A-Level, 20% of the final grade is a coursework based recording project of 3 minutes or longer in length with a choice of 10 songs comprising 5 instruments.
Another 20% is based on a "Technology based composition" where you yourself have to write a piece of music keeping a logbook of your creative process.
There is a listening exam testing your ear on commercial recordings and how they have been made electronically. This is worth 25% of your final grade.
There is then a 35% weighted "Practical exam" where the students have to correct and combine provided audio materials to create a mix within a set timeframe. There is also an "extended written task" that will be written to support this exam.

Entry Requirements

Preferably GCSE Music at a 5 or above. Performance preferably at a level of Grade 5 (but not essential), ability to read standard notation, and Music Theory Grade 5 would be a useful qualification. Contextual offers can be made at the discretion of the Head of Music.

After Sixth Form

This course will set you up with the tools you need to work in Music, whether that be in Performing, as a "Singer Songwriter," or even going into teaching after completing a degree. It would set you up for studying Music Technology at college or university and there are many specialist music colleges looking for people with Music Tech A-Level. Other avenues include Music Therapy, Music Technology Design and sound design for the media.

A-Level Philosophy

Examination board: AQA

Why study A-Level Philosophy?

Philosophy enables an appreciation of ultimate questions - from the meaning of knowledge to deciding on 'What is the right thing to do?'. The subject of philosophy provides a method to approach even the toughest of life's problems with rigour and logic - could Philosophy change how you view the world?

Course Outline

This course addresses, in detail, questions of ultimate meaning often considered central for philosophers: knowledge, morality, the divine, and our own selves. This is accomplished through a study of how to construct a convincing logical argument, teaching students step-by-step to debate and respond to the greatest ideas and thinkers in Philosophy.

The AQA A-Level course's sections are as follows:
Year One
- An introduction to Philosophy as a subject
- Epistemology: the study of what we can know
- Moral Philosophy: the study of how we should live and act

Year Two
- Metaphysics of God
- Metaphysics of Mind

Metaphysics can be understood to mean a study of the ultimate nature of reality.

Entry Requirements

The course requires at least a Grade 5 in English Language GCSE (or equivalent). This is in addition to Hall School Wimbledon's requirement of a Grade 4 at Maths GCSE. Religious Studies GCSE and related essay subjects are helpful, although they are not mandatory requirements.

After Sixth Form

At university, the study of Philosophy provides invaluable preparation for a range of subject choices. From History to Politics, from English to Sociology, to Religious Studies and of course Philosophy itself, the methods and understandings gained on topics that underpin so many different areas make Philosophy an arguably unique toolkit with which to approach higher education.
Furthermore, Philosophy graduates are found working for almost every type of employer in the public, private and not-for-profit sectors. Some typical employers include local government and the Civil Service, advertising and marketing agencies, and also the education sector.

A-Level Photography

Examination board: Edexcel

Why study A-Level Photography?

Participating in Photography is a way to document time as it goes by. By doing this, we learn to understand the world that surrounds us in a more journalistic manner. This creativity, passion and individuality is evident in you, the student. We all now take far more photographs than our parents ever did with smartphones. However, in Photography, we take this a step further and travel on a journey of discovery to open your eyes. You will be framing the world, as we see it, in a composition that stirs and awakens your sensibilities. We celebrate each other's potential and encourage you to question, to follow your curiosity through experimentation, without the fear of failure. We enable you to embrace your imagination and to use Photography as the vehicle to express and empower yourself.

Course Outline

The course is split into two sections with the first being Course Work which is undertaken in the four terms. This aspect is worth 60% of the A-Level mark. This encompasses building up a portfolio (Sketchbooks) of work based on their own ideas and concepts with the light guidance of the teacher. This must contain, individual research and investigations, on their chosen themes agreed with the teacher. Experimental work, to develop ideas towards their outcomes and an understanding of the context of their work and what it means and what it relates to is crucial. The student will also have to be able to demonstrate critical understanding of artists of the past and current contemporary practicing artists. All the students are taught these skills at GCSE and they are reinforced and enhanced at A-Level. All students would be expected to produce three to four major outcomes from this period of work. In the fourth term we also do the essay component and this will be linked to the individual themes they are currently researching.

The ESA (Externally Set Assignment):

This aspect is worth 40% of the mark. The students are given an exam paper from Edexcel that will set a theme for them to challenge and consider possibilities. The student will then have approximately 10 weeks to build up a portfolio of work (Sketchbooks) which demonstrates all the criteria required towards developing an idea for their final piece. The final piece is done in an 15 hour examination split over two to three days of continuous making.

Entry Requirements

In order to be in a position to be able to challenge and access the Photography syllabus it is recommended that the pupils have studied a creative subject at GCSE and gained a Grade 6. However, depending on circumstances, this is not written in stone and there are exceptions where upon we would consider pupils who have not undertaken the subject at GCSE.

After Sixth Form

The university and career options from Photography are enormous, numerous and incredibly varied. students who have gone on to the creative industries have ended up practicing successfully as photographers, film, Television and fashion. The course leads onto numerous different career pathways, such as graphic design, product design, journalistic photography, web designers, app designers, media designers, theatre design, costume design, tv and film. The creative arts are the biggest employment area in the UK which contributes around £70 billion to the UK economy every year.

A-Level Psychology

Examination board: AQA

Why study A-Level Psychology?

A-Level Psychology offers an engaging scientific study of human behaviour, exploring how people think, feel, and act. Students examine thought provoking questions such as: Why do we conform? How do early experiences shape us? What causes mental illness? Can memory be trusted in court? The course develops essential skills in scientific reporting, critical thinking, and data analysis. Students learn about research methods, ethics, and psychological approaches and apply their knowledge to real-world contexts across neuroscience, mental health, law, business and marketing. Students also gain hands-on experience by conducting their own psychological investigations.

As Psychology blends science and humanities, it enhances our understanding of human behaviour and builds transferable skills valued across many professions. The course therefore provides a versatile foundation for a wide range of future paths and careers including: Clinical Psychology, Forensic Psychology, Law, Education, Sports Psychology, and Neuroscience.

Course Outline

The course is examined as a whole at the end of Year 13 with students sitting three separate papers.

Paper 1: Introductory topics in Psychology
Students will study four topics within this unit: Social Influence, Attachment, Memory and Clinical Psychology & Mental Health. Each topic requires students to describe, apply and evaluate key psychological concepts and theories and to apply their research methods and mathematical skills throughout.

Paper 2: Psychology in context
In Paper 2, students will study Approaches in Psychology, Biopsychology and Research Methods. Students are asked to describe, apply, and evaluate a wide range of psychological and biological explanations for human behaviour.

Paper 3: Issues and options in Psychology
Paper 3 explores real-world applications through the following topics: Issues and Debates, Relationships, Schizophrenia, and Forensic Psychology. Students critically evaluate psychological theories and research, developing analytical and essay-writing skills essential for higher education. This paper encourages deeper understanding of human behaviour and contemporary psychological issues.

Entry Requirements

Grade 6 in at least one GCSE Individual Science subject or 6-6 in GCSE Combined Science. Grade 6 in GCSE Maths. Grade 5 in GCSE English Language.

After Sixth Form

With an A-Level in Psychology, students can pursue university degrees in psychology, neuroscience, or criminology, or enter higher apprenticeships in healthcare, human resources, or counselling. The qualification also opens pathways to careers in medicine, mental health, education, business, law, and sports psychology, leveraging strong analytical and interpersonal skills.

A-Level Physical Education

Examination board: AQA

Why study A-Level PE?

Ready to take your passion for movement to the next level? It is about understanding the science and social dynamics driving every heartbeat, every sprint, every game-changing moment. Delve into the mysteries behind peak performance and unravel the social threads that weave through sports culture. It's not just theory – you'll be at the forefront of hands-on learning, honing your skills and knowledge through practical experiences that bridge the gap between theory and practice. Your journey from the GCSE arena to the A-Level podium starts here.

Course Outline

Assessment is 30% practical and 70% theory, with two examinations worth 35% each.
Paper 1: Factors affecting participation in physical activity and sport
Paper 2: Factors affecting optimal performance in physical activity and sport
Applied anatomy and physiology - developing your knowledge and
understanding of the changes within the body systems prior to exercise, during the exercise of differing intensities and during recovery.
Skill acquisition - focusing on how skill is acquired and the impact of psychological factors on performance.
Sport and society - developing your knowledge and understanding of the interaction between, and the evolution of, sport and society.
Exercise physiology - understanding the adaptations to the body systems through training or lifestyle, and how these changes affect the efficiency of those systems.
Biomechanical movement - developing your knowledge and understanding of motion and forces, and their relevance to performance in physical activity and sport.
Sport psychology - developing your knowledge and understanding of the role of sport psychology in optimising performance in physical activity and sport.
Sport and society and the role of technology in physical activity and sport - developing your knowledge and understanding of the interaction between, and the evolution of, sport and society and the technological developments in physical activity and sport.

Entry Requirements

Grade 5 or above in GCSE English Language
Grade 5 or above in GCSE Maths
Grade 5-5 or above in GCSE Combined Science (GCSE Biology grade 5 or above) and GCSE PE grade 6 or above (if taken)
In addition, you **must** also play, or coach, a sport competitively.

After Sixth Form

A-Level Physical Education is an excellent base for a university degree in sports science, sports management, healthcare, or exercise and health. Physical Education can also complement further study in biology, human biology, physics, psychology, nutrition, sociology and many more including Sports Nutritionist, Performance Analyst, Sports Journalism, Fitness Instructor and Personal Trainer. There is a lot to explore in the sporting industry.

A-Level Physics

Examination board: AQA

Why study A-Level Physics?

The answer is simple... Because everything is Physics! In medicine, Physics will help you understand topics such as ultrasound scanning, nuclear magnetic resonance (NMR) and positron emission tomography (PET), among many others. In engineering, the applications are multiple and include such topics as: study of materials, aerodynamics, stresses and elasticity, energy transfers and problem solving via modelling. Carbon dating, which is related to nuclear physics and radioactivity, is applied in archaeology, geology and geography. In music, you might apply principles of acoustics, harmonic analysis and digital technology. In biology and chemistry, you will use the concept of conservation of energy and potential energy to explain why reactions proceed, how energy is stored and transformed from one form to another, and the origin of atomic spectra. If you are interested in environmental issues, a good understanding of physics will help you understand the greenhouse effect and phenomena as complex as weather systems and as 'simple' as the turbulence produced when air flows over the wings of an aircraft.

Course Outline

There are nine topics in this course. The first five topics are covered in Year 12 and the rest in Year 13. At the end of Year 12, students choose which option they want to study between the following: Astrophysics, Engineering Physics, Medical Physics, Turning Points in Physics, Electronics.

Topics:

1. Measurement and error
2. Particles and radiation
3. Waves
4. Mechanics and materials
5. Electricity
6. Mechanics and thermal physics
7. Electric, magnetic and gravitational fields
8. Nuclear physics
9. Option

Entry Requirements

Grade 6 in GCSE Maths. Grade 5 in GCSE English Language.
Grade 6 in GCSE Physics or 6-6 in GCSE Combined Science.
Contextual offers can be made at the discretion of the Head of Science.

After Sixth Form

Physics is a "facilitating subject", meaning that it's highly regarded whatever degree or career path you choose. It's considered essential for science and engineering courses, so it keeps a lot of doors open for you.
Physics opens these doors because of the skills and ways of thinking it teaches you. You'll pick up mathematical and analytical techniques that are valued in a huge range of careers. You'll become a critical and creative thinker, and a problem solver.
Many A-Level physics students go on to further study at university. Some choose to continue with physics, studying a physics degree or specialising in topics like theoretical physics, astrophysics or geophysics. Others choose related subjects like chemistry, biology or maths – but physics also opens pathways to subjects like engineering, design, computing, sports science, medicine, economics and law.
If university doesn't appeal and you want to enter the world of work straight after sixth form, having Physics on your CV can give you an advantage. It shows employers that you have an aptitude for logical reasoning, problem-solving and creative thinking – and it helps you to stand out from the crowd.
It's also an advantage when applying for many apprenticeships, where you can earn while you learn to become a civil engineering technician, software developer, sound technician – and hundreds of other professions.

A-Level Religious Studies

Examination board: AQA

Why study A-Level Religious Studies?

The study of religion can enrich and illuminate the vital attitudes and systems of belief by which so many people, across the world and throughout our history, have lived their lives. In Religious Studies A-Level you will investigate these ideas of the divine and of ultimate meaning, questioning and responding with your own arguments to some of the most influential literature and teachings ever known.

Course Outline

Component 1: Philosophy of religion and ethics

Questions in the philosophy of religion involve arguments about the existence of God and arguments about what happens to the soul or life after death. In ethics, key philosophical ideas such as Immanuel Kant's principles based on duty are studied, while we also study concepts such as a person's free will and conscience.

Component 2: Study of religion and dialogues

Section A: the study of religion involves an in-depth study of the principles of one chosen faith. Questions include the nature of God/God(s), expression of identity, and contemporary debates about its place in a modern society.

Section B: The dialogue between philosophy of religion and religion.

Section C: The dialogue between ethics and the study of religion. This connects together key arguments from the course, posing truly advanced questions about the right course of action or how to approach often hotly contested issues.

Entry Requirements

The course requires at least a Grade 5 in English Language GCSE (or equivalent). This is in addition to Hall School Wimbledon's requirement of a Grade 4 at Maths GCSE. While Religious Studies GCSE is certainly helpful, it is not a mandatory requirement. Other essay-based subjects are also welcomed.

After Sixth Form

The knowledge and skills acquired in Religious Studies can be applied to areas from Law or Sociology to Literature to Medical Ethics at university. Across such a wide range of courses, R.S. can illuminate how to reason about problems and to incorporate systematic consideration of the values involved in the problems you may encounter.

The considered understanding of worldviews is highly valued in a wide range of career pathways too, from the emergency services to the civil service to professions working with young people. How could Religious Studies broaden your skill set and opportunities?

HALL SCHOOL WIMBLEDON

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