



Bay House

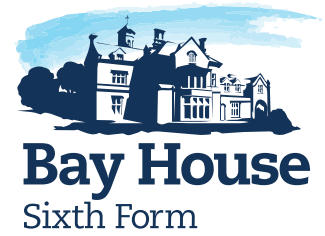
Sixth Form



Prospectus

2021-2022

Bay House was established as an 11-18 comprehensive school in 1972 on the site of the former Gosport Grammar School. It occupies well-equipped buildings based on the historic Bay House and enjoys an attractive seaside setting with views across the Solent to the Isle of Wight.



Why Bay House?

The Sixth Form at Bay House is thriving and successful, providing a challenging and supportive learning environment that encourages all students to achieve their very best. We offer a purposeful, structured approach to study in a friendly atmosphere.



Student numbers have grown rapidly in the wake of outstanding examination results: the A Level A*-C pass rate was 90% in 2019, compared to a national figure of 76%. Graded 'outstanding' by Ofsted in 2014, we have around 450 students, almost half of whom join us from other schools.

Approximately 90% of students choose to continue their studies at university, with the overwhelming majority securing a place at their first-choice institution. Of these, at least four times the national average typically gain places at Russell Group Universities.

We encourage students of all abilities to achieve their absolute best, as demonstrated by our exceptional value-added performance which regularly places Bay House Sixth Form in the top 1% of all schools and colleges nationally. Our aim is to provide the highest level of individual support and guidance to all our students, whatever their plans and ambitions. We're very proud of the fact that many of our students who achieve prestigious university places are the first in their family to enter higher education.

Sixth formers leave Bay House with cherished memories and excellent qualifications, well equipped to deal with the challenges of the future.



Bay House Sixth Form challenges you with the content and workload, but also provides all of the support that you will need.

Hollie – Bay House

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I have had the most amazing two years at Bay House Sixth Form. It's a place that really brings out the best in people and values each individual student.

Beth – Crofton





Entering the Sixth Form

Sixth form education is voluntary but it must carry a high degree of commitment. For most students, decisions about where to study and which courses to follow are of crucial importance to their future lives. Those wishing to join the Bay House Sixth Form will be expected to have demonstrated a committed, responsible attitude to academic study that will enable them to benefit from their courses.

Each application will be considered on its merits. Students joining the Sixth Form should have achieved a minimum of 6 standard GCSE passes (grade 4-9), with a strong pass (grade 5 or higher) in at least 4. In most cases students study four subjects in the Lower Sixth year, progressing to three full A Levels in the Upper Sixth. Subject-specific entry requirements can be found on the Sixth Form website. Students who do not have at least a GCSE grade 4 in English Language or Mathematics will be required to re-sit during their Lower Sixth year.

We set high expectations for all our students; we look forward to supporting them in developing as independent learners who will work with determination to achieve their very best.



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The Sixth Form team are not only there to help you with educational needs, but also provide much needed advice for any kind of problem that you are facing, or even if you just want to have a chat!

Ryan – Bay House

Sixth Form Life

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I made amazing friends, studied interesting courses and was supported by teachers who genuinely cared whether I did well.

Hebe – Bay House



Our college day begins at 8.35am Monday - Friday. There is a 15 minute break mid-morning and 40 minutes at lunchtime. The day finishes at 3.10pm, although most students will finish earlier on one or two days each week.

Each student has a personal tutor and joins a sixth form tutor group of about twenty students. The tutor, under the general direction of the Sixth Form Leadership Team, has an oversight of each student's work, personal development and future prospects and meets with them on a regular basis to review their progress.

Bay House sixth formers are treated as students, not pupils. Purpose-built sixth form accommodation provides common room, study and IT facilities, exclusively for sixth formers' use. This serves as a focal point for students.

Private study is an integral part of any sixth form course. A Sixth Form Learning Resource Centre (LRC) is extremely well stocked with resources tailored to suit the study needs of sixth formers. During teaching hours, the LRC is used for supervised private study and operates a silence rule; before and after teaching hours it is available to all sixth formers for independent study. A friendly and experienced team of staff offer study and research guidance.

There is no official dress code for sixth formers;

however, students are expected to dress in an appropriate manner. The governing principle is 'casual but smart'. Extremes of fashion or immodest styles are not permitted; bare midriffs and strapless tops are not acceptable; hair should be of a natural colour and not cut in an extreme style.

Students may apply for an annual permit to park cars in the Stokes Bay Car Park (limited availability). On-site parking bays are provided for motorbikes/mopeds as well as dedicated sixth form cycle storage. Subsidised bus passes are also available for purchase; further details are issued to students during the induction programme.





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...the pastoral care, extra curricular activities, and amazing friends I have made over the years have made my time truly inspiring and encouraged me to achieve my potential.

Diane – Brune Park

Student Welfare

Our Sixth Form Pastoral Team is the first port of call for students needing emotional and well-being support. Where necessary, students can be referred to further professional services.

Students may apply for financial assistance through the bursary system. Further information is available prior to enrolment.

The Learning Support department provides personalised assistance as appropriate. Students should ensure that we are made aware of any current access or support arrangements in order that we can facilitate a smooth transition to advanced level study.



Careers Guidance

Information about further and higher education is readily available, backed by the full range of prospectuses from universities and colleges, together with up-to-date information about careers. The Sixth Form Learning Resource Centre (LRC) at Bay House has a suite of PCs and an extensive library of careers literature which covers post-18 and graduate careers. Students have access to the services of a careers advisor.

Visits to universities are arranged, along with talks from outside speakers and extensive advice on the completion of UCAS applications.



The teachers are passionate about their subjects and are incredibly supportive with their students.

Morgan – Ryde School with Upper Chine



Enrichment Opportunities

All students are strongly encouraged to become involved in some of the enrichment opportunities on offer. Some lead to formal qualifications, others are purely recreational! They are designed to develop students' confidence and broaden their life experience.

Enrichment options currently include Chinese (Mandarin), Creative Ceramics, Creative Writing, Criminology, Debating Society, Haematology – The Study of Blood, Model United Nations, PoliSoc, Peter Jones Tycoon Enterprise Competition and Pilates.

Bay House is also one of Hampshire's leading providers of the Duke of Edinburgh Award Scheme, which is a popular activity for sixth formers, many of whom choose to enter at Gold Level.

Various sporting options are available, including both recreational activities, including basketball, and more competitive team sports, where there are regular football and netball fixtures against 11-18 schools and post-16 colleges in the Hampshire Leagues. In addition, there will be opportunities to take part in rugby fixtures during the Autumn term.

The School is exceptionally strong in Performing Arts. The Music Department offers an extensive programme of instrumental lessons, rehearsals and public performances. Its activities include a variety of musical ensembles, such as choirs, a jazz band, rock groups, a brass ensemble and a samba band. The Drama Department has staged a number of acclaimed productions over the years, including *Miss Saigon*, *We Will Rock You*, *Les Miserables*, *West Side Story*, *Little Shop of Horrors*, *Our House*, *Barnum* and *Blood Brothers*. All students, regardless of their A Level programme, are welcome to be involved.

Students are encouraged to participate in various volunteering opportunities. These include pupil mentoring, becoming a classroom assistant, paired reading and numeracy programmes, the student ambassador programme and our 'Donate-a-Day' initiative, which sees tutor groups working in the local community for organisations in need.

The Extended Project Qualification (EPQ), equivalent to half an A Level, provides students with rewarding opportunities to extend their planning, research, critical thinking, analytical, evaluation and presentation skills whilst pursuing a personal area of interest. It has proven to be a significant help to those aspiring to secure places at the country's top universities, and results at Bay House have been consistently outstanding.



My time at Sixth Form was full of the most supportive teachers and I have made friends to last a lifetime.

Jodi – Brune Park

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I truly feel that attending Bay House gave me the best opportunity to achieve what I wanted and needed to and I would do it all again if I could!

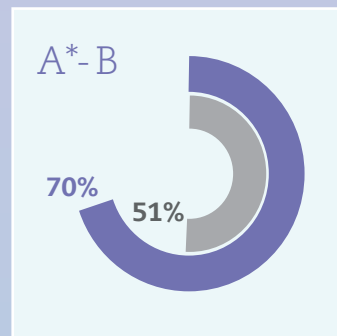
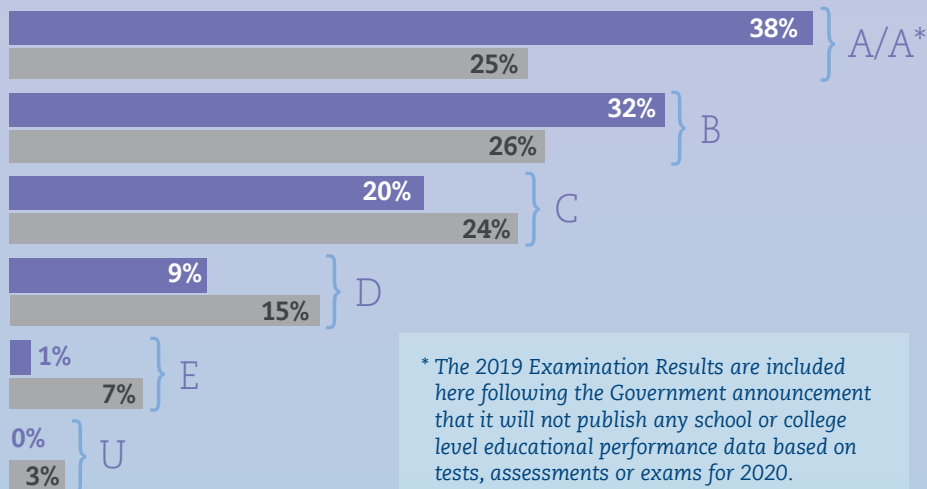
Chloe – Brune Park



Opportunities

Examination Results*

The Sixth Form examination results in 2019 were outstandingly good. The A Level pass rate (A*-E) was 100%, broken down in percentage terms as follows:



* The 2019 Examination Results are included here following the Government announcement that it will not publish any school or college level educational performance data based on tests, assessments or exams for 2020.

Key Bay House National

The quality of these grades is reflected in the A*-C pass rate of 90% which exceeds any other state school or college in Hampshire. Another measure of the quality of pass rates is the average point score per GCE examination entry; this is one of the main benchmarks in the national Performance Tables published each November. According to this measure, Bay House Sixth Form students perform consistently better than any others in the state sector in South-East Hampshire and their scores are on a par with or exceed the very highest in Hampshire colleges.

When considering the results in a value-added context, the Sixth Form is regularly placed within the top 1% of all A Level providers nationally.

We are very proud of our standing in the various national league tables, where our results feature very strongly.

“ I have had moments with each of my subject teachers where they have given me endless personal support to help achieve goals even when they do not seem possible.
 Zoe – Bay House



Course Directory

A Level Courses

In most cases students start on a programme of four subjects in the Lower Sixth year, progressing to three full A Levels in the Upper Sixth.



Ancient History

From the films *Gladiator* to *Clash of the Titans*, not to mention *300*, the ancient world is never far from our screens. Lively debate of the military, political, religious, social and cultural history of the ancient world still occurs, and we remain fascinated by the Ancient Greeks and Romans.

Students will be introduced to various aspects of the classical period and develop an understanding of how these two great civilisations established themselves in the ancient world. The roles of key individuals will be scrutinised such as Julius Caesar, Mark Antony and Augustus. Further topics covered include the politics and society of Sparta, the breakdown of the Late Roman Republic and the Julio-Claudian Emperors.

Students are exposed to a variety of works by modern scholars in addition to the ancient texts available in order to enhance their understanding of significant events. There is also the opportunity to explore the ancient sites of Pompeii and Rome. No prior knowledge of the subject, or proficiency in Greek or Latin, is required – just an enthusiasm for the ancient world.



The support I received from my tutor, teachers and the sixth form office team was amazing.

Aoife – Bay House

Art, Craft and Design

Are you inspired by the creative world around us? Virtually everything we see, use and wear on a daily basis has been influenced, designed or created by artists.

Art, Craft and Design is a broad course that gives you the skills and knowledge to create personal and imaginative work. You can choose to focus on a specialist area of study from a variety of stimulating processes and media to suit your individual interests and abilities. You will use these new skills and processes to create exciting art and craft outcomes that are likely to be inspired by the design world. These could take the form of a theatrical prop, textiles piece, architectural sculpture or a design influenced by the world of fashion.

By following this course you will develop an art and design portfolio that could be used towards a foundation art course, university entry or future employment within the creative industries, whilst also developing you as an individual.



Biology

How is DNA used as a template for making proteins? Exactly how does the cell membrane control what goes in and out of the cell?

Did GCSE Biology leave you wanting to know more? If so, you will enjoy the demands and detail of this fascinating A Level. The course will cover many areas of biology: how cells work, genetics, plant biology, ecology, and aspects of human anatomy and physiology. The syllabus also looks at cutting-edge research into epigenetics and the use of stem cells.

Students will develop practical and mathematical skills throughout the course which will help to consolidate the theoretical work, and also ensure that valuable analytical, statistical and problem-solving skills are further developed to make them attractive candidates for any university degree course.

A Level Biology offers an excellent preparation for many careers including medicine, nursing, marine biology, biochemistry and biomedical science.

Business

Can Lidl and Aldi keep expanding? What's all the buzz about Hive? Will Covid-19 change the face of the travel industry forever? Such questions will be addressed on this topical and engaging course.

You will investigate different types and sizes of organisations in various business sectors in local, national and global contexts. You will also learn how to analyse and interpret financial indicators, as well as calculate, use and understand a variety of accounting ratios.

This qualification provides a solid foundation for a wide range of higher education courses such as business management, accountancy, marketing or international business. Students can also progress to a wide range of careers ranging from banking, sales, product management and general management to working in public sector organisations or charities.

The course requires no previous knowledge of business.

The business course is affiliated with the Peter Jones Enterprise Academy (PJEA), which offers students the opportunity to take part in business challenges during the A Level course, be nominated for the National Entrepreneur of the Year competition and receive 3 years' alumni support from PJEA. Business students are also strongly encouraged to take part in the Tycoon Enterprise Competition which runs as an enrichment course (open to all students) and gives entrants the chance to launch their own business.

Chemistry

What is paracetamol? Can we stop global warming? How will cars be powered in ten years' time? Studying chemistry is not only stimulating in itself but also has many practical applications. Advancements in medicine, agrochemicals, explosives, paints, materials, fuels and energy rely on our understanding of chemical processes.

The course develops a deeper understanding of chemistry by exploring chemical concepts and applying them in the context of the modern world. This is achieved through the combination of collaborative learning and a wide range of laboratory experiments and enquiry. The course looks into the chemical origins of the Universe, understanding fuels and how they work, manufacturing polymers, studying the Earth's atmosphere, analysing substances, and the design and structure of medicines.

Experimental laboratory work is an essential part of the course, which develops new skills and techniques, often utilising advanced apparatus.

Computer Science

What is AI? Will Quantum Computing reshape the world as we know it? How small is too small when it comes to nano technology? Is there a way to know what you don't already know?

Computer Science is directly relevant to the modern and changing world. The emphasis is on Computational Thinking and problem solving. There is a practical programming element to the subject where students will apply knowledge gained to write a computerised solution to a problem. It combines creativity with opportunities to analyse and make decisions.

Computer Science is a demanding A level. Students will learn programming to a high standard and apply their skills in practical and theoretical tasks. This is an excellent course for students who are seeking to develop a career in, but not limited to, programming and software design. Computer Science also develops logical and analytical skills. It combines well with Science, Engineering and Maths. The course is predominantly focused on the practical application of how to problem solve.

Criminology*

***Option only available for students studying the Healthcare Pathway**

Not all types of crime are alike. Are you interested in what different types of crime take place in our society and what kinds of crime exist about which we know very little? How do we decide what behaviour is criminal? Want a career in the police force, legal professions or forensic sciences? Perhaps you are interested to know more about the new exciting subject of Criminology? Either way this is the perfect course for you.

This is a growing subject nationally and covers an exciting range of topics, including the Changing Awareness of Crime, Criminological Theories, Crime Scene to Courtroom and Crime and Punishment. The qualification allows learners to gain the required understanding and skills to be able to consider employment within some aspects of the Criminal Justice System, Law or police force e.g. National Probation Service, Courts and Tribunals Service or the National Offender Management Service.



Drama and Theatre

"I regard the theatre as the greatest of all art forms, the most immediate way in which a human being can share with another the sense of what it is to be a human being."
Oscar Wilde

Plays ranging from Classical times to the present day will be studied in detail. The course covers the full range of dramatic activities and assesses the student's level of knowledge, skill and understanding. You will be expected to look at the theatre through the eyes of a director, a designer and of course as an actor.

Students will explore the ideas and theories of leading theatrical practitioners, gaining an understanding of the development and context of modern drama. At least four live theatrical presentations will be seen and these performances will be subjected to critical analysis by the student.

The major elements to be assessed at A Level are the creation of an original dramatic programme for which the students themselves are totally responsible and also the performance of a script of their choosing. Alongside these performances, students are also expected to document their work through a working notebook or portfolio.

Marks are awarded for practical, theoretical and literary aspects.

Economics

What is the impact of shrinkflation on consumer spending? How has CocaCola responded to the sugar tax? How is Covid-19 going to impact globalisation? Does it matter if we experience deflation? Why should the government be concerned about the increase in obesity? Why don't other countries tax cigarettes? Should higher earners pay more tax? These are some of the current issues that this course will focus on in both the UK and international economies.

You will consider the different approaches that may be used by a country's policy-makers to suggest solutions to real problems. You will also learn how to analyse and interpret economic indicators, as well as calculate, use and understand a variety of accounting ratios.

Students may continue to study economics, business economics or mathematical economics at degree level. Students can also pursue a wide range of careers ranging from finance, banking, insurance, accountancy, management and consultancy, to becoming professional economists.

The course requires no previous knowledge of economics.



English Language

This course will cover diverse aspects of language, ranging from how children learn to communicate, to the relevance of political correctness and the creation of students' own journalistic texts.

The first year aims to build on those skills of close analysis and creative writing that students have already gained at GCSE level, but will also add depth to their existing knowledge of spoken English and multi-modal texts. Students will experience a diverse range of texts, across written, spoken and electronic modes, and will develop their skills of analysis and their ability to compare writers' language choices. They will also have the chance to explore language diversity and the attitudes to language found across society. Language issues that will be explored will include the impact of gender, attitudes to accents and dialects, and representation.

The second year introduces the study of children's language development and the opportunity to study the way the language has changed across time, and is still changing now. This includes the study of Multi-Ethnic Youth Dialects and the rising influence of variants of English used across the globe. Both the coursework and one of the examination questions will allow students the chance to write creatively. The examination paper offers a more directed task, but there is a free choice of genre and theme in the coursework piece. The coursework will also include an independent investigation into a language feature of each student's choice, which will give them a chance to research in detail a linguistic topic that has really caught their interest during the course or in their own life experience.

This subject will be useful for anyone seeking to study or work in linguistics, journalism, media, advertising, social sciences or humanities based subjects.



The teachers are always there to help, advise and support

Harry – Bay House



English Literature

The English Literature course is an unapologetic celebration of the love of reading in prose, poetry and drama.

The first year involves the study of four major texts from all three genres from a time period ranging from Marlowe in the 16th Century to Simon Armitage in the 21st Century. Students will study two novels related by themes such as *The Supernatural* or *Women in Society*, one major play and a selection of poems from *Poems of the Decade*, an anthology that draws on the best poetry published between 2001 and 2010.

In the second year, students will be introduced to one of the great Shakespearean tragedies and another selection of poetry from a significant era or movement. They will also have the chance to make their own choices of two texts to study for a comparative coursework essay, allowing them the chance to explore areas of personal interest in literature, rather than being tied down to prescribed texts.

Students will read texts both independently and in class, and practise the art of producing genuinely compelling arguments in analytical essays, while most lesson time is spent in seminar-style discussions of the themes raised, and styles used, by the writers in question.

This course will be relevant to students wishing to pursue a degree course in English, English Literature, Law or the humanities and remains one of the 'gold standard' A Levels that are universally respected by universities and employers.

Film Studies

'Cinema is a mirror that can change the world.'
(Diego Luna)

Film is not just a medium to be watched and enjoyed- by studying film as an art form we can learn about different perspectives, ideologies and cultures. Film studies is the analysis of how filmmakers communicate these through their works and how they impact viewers and societies.

This course covers diverse aspects of film, ranging from Hollywood classics to 21st Century blockbusters. Students will learn about the history of film and to analyse the way films have been created and to consider the film makers' intentions. They will also have the opportunity to complete a practical coursework module involving either script writing or film making, which is 30% of the overall mark.

The course aims to introduce film as a major cultural innovation and art form, through the study of core films from around the globe. As well as looking at the set texts in detail, there will be an opportunity to explore films in similar genres or from similar eras to ensure students have a wide understanding of the contexts in which films are being produced. Students will study the key areas of film form (cinematography, including lighting, mise-en-scène, editing and sound), film makers' intent, social and cultural context and two specialist areas: spectatorship and narrative.

Fine Art

Are you creative and imaginative? Do you enjoy exploring ideas and looking at things in different ways? Fine Art is about looking, thinking, making and communicating and will help develop your understanding of the visual world. You will learn practical skills and respond to ideas and issues in ways that are personal to you.

In a world that is flooded with visual information, how are artists being inspired to create new and inspiring artwork? What is the role of new technologies in helping artists communicate their personal vision?

You will be taught to investigate and question through project work that grows from a study of one or more of the disciplines associated with fine art: for example, drawing, painting, mixed media, sculpture, installation, moving image and photography.

This course will help you to arrive at answers to a range of creative questions whilst allowing you to develop your own personal style of working that builds on your artistic strengths. Crucially you will develop as an individual as you generate a folder of visual investigations and outcomes which in many cases will be a launch pad for entry to a foundation art course, university or employment in the creative industries.

French

French will give you opportunities to communicate on a global level. It is spoken in 5 continents and is the official language of 33 countries as well as of the EU and UN.

As a part of our Exchange programme, you will have the opportunity to experience the culture of France as a member of a French family and gain a real understanding of the French education system by attending lessons in our partner lycée.

The course will enable you to become a confident French speaker, through classroom use of the target language, exploring topics related to young people in French speaking society and political and cultural issues. These topics are supported by the study of the film 'Intouchables', an award-winning comedy which challenges perceptions of social class and disability.

The course will also include a study of life in occupied France and the role of the French Resistance. You will consider significant events which have helped to shape the country today, including the impact of the Occupation on theatre and cinema. The study of the classic novel 'Le Silence de la mer' published by a clandestine underground press will enhance your understanding of this key period of French history.

Authentic materials, including newspaper articles, film and music are used to develop skills. You will also have weekly discussions with a native speaker about current topics of interest to you.

The course will develop an enthusiasm for language in preparation for a career in a multilingual society.

Further Mathematics

If you are thinking about studying physics, maths or engineering at a higher level, then Further Mathematics A Level would be highly advantageous. This course is also recommended to those who thoroughly enjoy studying maths.

The Further Mathematics course will challenge some of the mathematical concepts you already have. Amongst other things, you will discover how to square root negative numbers, that there are different coordinate systems, what a matrix is and what happens when objects collide with each other in different ways.



...excellent teaching in a more relaxed style and with world class resources.

Lewis – Crofton

Geography

'Geography is not only up-to-date and relevant, it is one of the most exciting, adventurous and valuable subjects to study today. So many of the world's current problems boil down to geography, and we need the geographers of the future to help us understand them.' (Michael Palin)

Geography is a dynamic and relevant subject for all young people: it encourages them to become global citizens by exploring their own place in the world, their values and responsibilities to other people, to the environment and to the sustainability of the planet. Geography also equips students with a broad range of numeracy, literacy and personal learning and thinking skills such as teamwork, independent enquiry and creative thinking - attributes highly valued by employers and relevant to all higher education courses.

The topics studied are highly topical and place specific. Students will consider and investigate questions such as how can we sustainably manage coastal landscapes? How are patterns of international trade changing and why? How well are we managing the impacts presented by a variety of natural hazards? And how can we ensure that urban growth is sustainable? Fieldwork is an integral part of the course. All students will undertake four days of fieldwork focussing on both physical and human geography processes. Some students might also opt to attend an 'awe and wonder' residential trip, with previous destinations being Sicily and Iceland. How many sixth formers can say they have trekked up a glacier in Iceland or visited the São Miguel crater lake?

German

German is the language at the centre of the economic and political life of Europe. This two-year course will develop your skills to communicate effectively in German and help you to understand the country now at the heart of the world's most important economic grouping.

You will have the opportunity to study the social, political and economic development of Germany since reunification in 1989. This will link into other aspects of the course such as the study of the film "Goodbye Lenin" and the pressing problems facing modern Germany such as immigration and the EU. A literary text will also be studied.

The course will enable you to develop your understanding of social issues and trends and broaden your knowledge of the cultural, political and artistic life of German speaking countries.

Students have regular sessions with a native speaker and there will be an opportunity to join a trip to Germany during the course.

Graphic Communication

This course offers students the chance to extend their skills and to learn more about graphic designers, along with improving and developing new techniques. Students are encouraged to remain open-minded about Graphic Communication – it can take almost any form – and to take ownership of their projects and be confident in taking creative risks.

Students are encouraged to solve graphical problems with flair, imagination and personal initiative. During the course they will explore aspects of graphic communication such as advertising, typography, layout and illustration and be presented with a variety of live briefs. They will also have an opportunity to utilise CAD programs and operate CAM equipment. This course is ideal for anyone who wishes to study graphics at university or pursue a career in the graphic design industry.

History

The course challenges students to analyse key events and characters in the past, to isolate important issues, defend points of view, construct arguments and reach well founded conclusions. By understanding the past, people can make more sense of the world around them and develop well-informed insights into what the future may hold. What students find most rewarding about History is the attempt to understand, evaluate and analyse the past. It is not just about learning the narrative but gaining an appreciation of how and why interpretations of the past can differ so greatly.



Students are encouraged to develop their own views and to question those of others through critically evaluating both primary and secondary sources. History studies the past and also examines the legacies of the past in the present, connecting themes and concepts across time. History is a wide-ranging and broad-based subject that can lead to a variety of careers, such as law, commerce, education, the media, the civil service, politics etc. It also develops and refines many of the techniques needed in the workplace in an age dominated by information handling.

Students will have the opportunity to take part in visits to historical sites relating to the courses studied (including a trip to Berlin in February) and to attend lectures by leading academics.

The topics covered by the course are *Tudor England 1485-1603* (Breadth Study), *Germany 1918-1933* (Depth Study) and *Stuart Britain* (A Level coursework component studied in the second year).



I truly could not have asked for a better Sixth Form experience!

Holly – Brune Park

Mathematical Studies (AS Level)

Would you like to study mathematics which you will use within everyday situations? Would you like to be able to understand the maths behind finance, including dealing with taxation and interest rates? Would you like to be able to plan projects so that you can clearly see which activities need to be completed before others are started?

The Mathematical Studies AS Level course can be studied over one or two years, and will offer you the opportunity to develop your practical maths skills for real-life situations. This is an enrichment option and is studied alongside four A Level subject choices.

Mathematics

Are you interested in a career in engineering, computing, accountancy, economics, banking, business, medicine or architecture? If so, then A Level Mathematics is the course for you.

Mathematics A Level teaches you to problem solve, think logically, rationalise your answers mathematically and enables you to apply your knowledge to real life contexts.

The course contains Pure Mathematics, where you build upon the content of the GCSE courses and extend into new concepts such as calculus and series. You will also study both Mechanics and Statistics units, where you will learn how to use mathematics to model, interpret and analyse real life scenarios.

Music

Students will analyse a wide range of music spanning the last 500 years from many different genres and styles, such as Western classical music, film music and jazz. In doing so students will develop their analytical skills and music theory.

Opportunities are also provided for students to develop their performing skills on their chosen instrument (minimum Grade 6 standard by the end of the course), by putting together and performing a selection of pieces.

Students are encouraged to develop their composing skills by producing two compositions: one free composition that can be in any style and one as a completion of two chorale exercises in the style of J.S.Bach.

Physical Education

Sport and physical education in the 21st century is a fascinating area of study. What makes Usain Bolt run so fast? How did Andy Murray overcome his mental barrier to win Wimbledon? How did the UK benefit from hosting the Olympic Games? Students who enjoy considering these kinds of questions will be well-suited to A Level Physical Education.

During the course students will study the psychology of sport, anatomy and physiology, skill acquisition, contemporary issues in sport, and biomechanics. Practical performance and commitment can be rewarded and used to maximise achievement in the practical component of the course.

Students who choose Physical Education may be looking towards a career path such as teaching, physiotherapy or aiming to study sports science or a related discipline at university. They may simply have a keen interest in sport and physical education that they wish to explore further. The course can complement other subjects such as biology and psychology and offers an exciting and challenging option for anyone with a passion for sport.

Physics

Physics is an exciting subject which aims to explain how things work from the fundamental particles that make up matter to the structure and evolution of galaxies in the wider universe. It involves practice and theory, specialist pure research and the application of physics in aspects of our everyday life. Physics challenges our imaginations with concepts like relativity and quantum mechanics, which in turn leads to advances in technology, such as the development of computers and lasers that are used in our everyday lives.

Physicists are problem solvers. Their analytical skills make physicists versatile and adaptable, so it is no surprise that those with a physics degree are in demand by many employers. You can find physicists working in industry or on college campuses, in hospitals or as specialists in pure research. In addition, many physics graduates work in the media, in government, and in financial institutions - places where their ability to think analytically is a great asset.

The course has been especially developed for candidates who wish to continue with a study of Physics after GCSE - enabling them to further develop their interest and enthusiasm in the subject. Practical work forms an important part of the course underpinning the fundamental principles and processes leading to a better appreciation and understanding of how the world around us works.

Politics

Should 16 year-olds get the vote? Why did the UK vote for Brexit and should we rely on referendums? Has the government's handling of the pandemic gone well? Is Boris Johnson an effective Prime Minister? What's happened with the US Presidential election? How can we tackle the issues raised by Black Lives Matter & Extinction Rebellion?

A Level Politics will consider all of these questions and more. Students of politics enjoy debating current issues and critically analysing the workings of modern British and American government. We also study the core political ideologies of conservatism, liberalism, socialism as well as in-depth study of feminism. Studying politics enables you to develop critical thinking, debating, analytical and evaluative skills.

There will also be opportunities to enjoy visits from guest speakers including our local MP and peers from the House of Lords as well as attending trips to Parliament and the Supreme Court in London, local guest speaker events from other MPs and activists and possible trips to Brussels, Strasbourg or Washington DC, depending on cost and interest.

Students do not need to have any prior knowledge of politics to study this course, just a keen interest in current affairs. Politics is the fastest growing A Level subject in the UK and it is relevant to a whole host of careers, especially law, politics, media, business, journalism, the diplomatic and foreign service, civil service and other public sector careers. We also have an active Politics Society – Bay House PoliSoc - which organises additional visits, speakers, cinema trips and more and we have organised political internships for our students too.

Product Design

This course has been specifically tailored to give students an excellent grounding if they are interested in pursuing a career in Design. Throughout the course they will secure a depth of subject knowledge and experience a wide range of materials and processes used in industry. They will have access to a dedicated A Level workshop that offers a wide range of equipment which includes 3D printing, milling, metal and wood turning, vacuum forming as well as large selection of hand-based tools.

Product design will introduce students to some of the challenges involved in becoming a product designer. They will be encouraged to take a broad view of design and technology, to develop their capacity to design and make products and to appreciate the complex relationships between design, materials, manufacture and marketing. They will learn a range of technical designing and manufacturing skills and gain an understanding of market influences on product design.

Psychology

Psychology is the science of the mind and behaviour, it helps you understand more about yourself, your relationship with others and gives you an understanding of different cultures. It investigates human and animal behaviour and involves the examination of various theories and consideration of research evidence. You will learn to write structured essays, understand ethical issues, analyse data from research, evaluate the usefulness of research and theories, debate psychological arguments and design and conduct scientific investigations. There is always something incredible and informative to learn about the human mind and behaviour.

How can we improve our memory? How far should we obey authority figures? What causes mental health problems? Why do we suffer from jetlag? How do Psychologists profile serial killers? These are just a few of the fascinating topics covered throughout the course.

Students must be confident with maths, able to understand biological mechanisms, have an understanding of science experiments and be able to write essays. Potential careers could be within Psychology, Criminology, law, social work, marketing, human resources, accountancy or education. Many universities regard Psychology as a Science and so it is a suitable subject for anyone with medical ambitions.

Religious Studies

This course focuses on Philosophy, Ethics and Christian Development; it will introduce you to the root of knowledge, exploring key thinkers' ideas throughout history. If you enjoy discussions, exploring different and unusual ideas and asking philosophical questions about the world, existence, religion and ethics, then this is the course for you.

Philosophy and religion are a major force in human experience. They have shaped the world's history, literature, art, culture, politics, ethics, and economics. It has been argued that religious agendas have fuelled conflict and encouraged acts of terrorism and ethnic cleansing, dislocating populations and destroying economies. Religion has consequently proven to be one of the greatest threats to world peace and prosperity. But it has also been argued that religious traditions have laid the foundation for human rights, social justice, toleration, and world peace. This lively and engaging course will allow you to engage in such discussions, developing your skills in debating, arguing and persuading.

Philosophy, Ethics and Religion are interdisciplinary fields with direct relevance to the Arts, Humanities, Sciences and Social Science.

Sociology

Sociology is the study of how our identity and the life chances that people have is influenced by the society we live in. In particular, sociologists are interested in investigating why certain groups such as women, the poor and ethnic minorities have less power and influence in society.

The course focuses on core issues in society such as: Does our culture favour some groups over others? How does our gender, ethnicity and class affect our sense of identity? How has family diversity affected society? How does the media shape our perception of certain groups such as teenagers? Why do certain groups, especially working-class boys, do worse at school? We address these debates using evidence which involves evaluating statistics, sociological perspectives, social policy and contemporary examples. We also consider ways to research these in a fair and just way. For example, we examine high profile crimes which you can explain using sociological evidence. There will be an opportunity to meet and ask questions to real life ex-offenders including a person convicted of murder. Research methods are a core element of the course and students will also have the opportunity to carry out their own research on key topics and critically examine findings from sociologists.

Sociology is relevant to a range of careers that involve working with a diverse range of people, including politics, the criminal justice system, education and healthcare.

Spanish

More than 350 million people world-wide speak Spanish and 50 million speak it as a second language. It is spoken in more than twenty countries globally - not only in Spain but also in most of Latin America, as well as being the second language of the USA. Additionally, it is recognised as one of the official languages of the EU and the UN.

This course looks at the rich and varied culture of the Spanish speaking world; topics studied include family life, employment, education, immigration and the Spanish Civil War. A film and a literary text will also be studied in greater depth leading to an understanding of Hispanic culture. Students will study a film such as *'Mujeres al borde de un ataque de nervios'* which gives an appreciation of Pedro Almodóvar's importance as a director. In the second year of the course, a literary text will be studied.

Students are expected to keep up-to-date with current affairs and undertake personal study outside the classroom; reading newspapers such as *El País*, or watching news bulletins on *BBC Mundo*. Students will have regular sessions with a native speaker; they are also encouraged to visit Spanish-speaking countries.

Applied General Qualifications

Level 3 qualifications equivalent to an A Level

Health and Social Care

Health and Social Care Workers have to deal with a diverse group of people including children, young adults, the elderly and people with mental health problems and learning difficulties. They work in a variety of settings such as hospitals, care homes and people's own homes. Now is an exciting time to work in Health and Social Care because reforms are creating new jobs and flexible ways of working meaning there is huge scope for career progression.

This is an interesting and practical course that is directly related to the vibrant, exciting and rapidly expanding Health and Social Care sector. Students will study a wide range of Health and Social Care related topics and will be able to enhance their learning experience through work experience. The course considers the core values of health and social care settings. You will explore the key aspects of effective communication and the importance of equality and diversity. We also deliver the optional units which cover nutrition and sexual health.

Information Technology

How does an Internet browser know which advertisements to send to you? Is your phone giving away information about you without you knowing? How does predictive modelling help ice cream manufacturers? How is technology changing the way we live our lives in the digital age?

These questions can be answered by studying different aspects of IT, including the value and importance of information, how to store it, how to analyse it, and how to transmit it, reliably, securely, and without errors. Students will also learn about designing and implementing information systems, including interfaces incorporating multimedia components.

IT students learn skills that are useful in all subjects, at the same time that they learn how IT is used to solve real-world problems. No previous experience of IT is required, but a keen interest in the subject area would be preferable.

Alternative Level 3 Pathway

Healthcare

This new programme involves gaining the equivalent of 3 A Level qualifications over two years. Although this pathway is tailored for those interested in a career in health and social care, you will not be limited to careers in this sector and it will provide you with a range of other opportunities if you change your mind.

You will study:

- Health and Social Care (Level 3 National Extended Certificate),
- A Level Sociology, and
- one of the following A Level subjects: Religious Studies, Criminology, English Language, Business, or Information Technology (Level 3 National Extended Certificate).

The benefits of this pathway include additional well-structured weekly support sessions from the highly supportive social science department, as well as the opportunity to participate in work experience in your chosen placements.

Please refer to the separate subject information in this prospectus and on our website for further details.

GCSE Courses

Students who have not obtained a grade 4 in English Language or Mathematics will be required to re-sit during their Lower Sixth year.



...my subject teachers were always at hand on the end of an email to help with any issues I had concerning essays and grades, ready to give individual and focused advice.

Liz – Bay House

Admissions

1 General information

All students entering the Sixth Form follow a fortnightly timetable of fifty one-hour periods. As well as examination courses, students' programmes normally include enrichment courses and private study. Many combinations of courses are available, but whilst the School will endeavour to satisfy every reasonable request, staffing and other considerations may rule out some options.

2 Open Evening

The Sixth Form Open Evening will now be an online event, accessed via <https://bayhouse.gfmat.org/sixth-form/> from Thursday 12th November 2020 onwards. There will be videos from department staff and members of the Sixth Form Team, and the opportunity to ask any questions you may have. Detailed course outlines will also be available. Students are encouraged to view the Open Evening online contents before submitting an application

3 Applications

Applications should be submitted electronically via the link on the Bay House Sixth Form website (goes live following the Open Evening). We request that all applications are submitted by Friday 5th March for planning purposes.

We anticipate that interviews will begin in January 2021. All students applying by the above date will be interviewed and notified of the outcome by the beginning of the Summer Term.

4 Induction course

Students planning to enter the Sixth Form in September 2021 are expected to attend a two-day induction course, which will take place in the Summer term after the completion of GCSE examinations. This will include 'taster courses' in all subjects, run mainly by staff programmed to teach the new Lower Sixth the following term.

Important dates relevant to new sixth formers will be published in the official acceptance letter sent to students early in the Summer Term.

5 Enrolment

Enrolment will take place following GCSE Results' Day.



The teachers are exceptional and are what make Bay House such a great place to study. They never hesitate to give up their free time to assist you and have a genuine desire to see you achieve your goals by the end of the two years.

Ryan – Bay House



Bay House
Sixth Form

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