



# EMBLEY

HAMPSHIRE

SIXTH FORM  
COURSE GUIDE  
2025-2027



**Determined,  
Forward-  
Thinking,  
Successful**

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**You are about to embark on the most exhilarating and rewarding part of your school journey and the gateway to higher education. You will study subjects you love, learn new skills, develop your curiosity, lead and influence, and gain more independence, in an environment that is closer to that of university.**

Embley's reputation is built on three pillars: ambition, self-belief and compassion towards others. The foundation of these lie in our belief that the personal development and formation of individuals is the most important experience a school can bestow upon its students. The opportunities that await you at Embley go beyond achieving A\*s.

As part of your study programme, you will be encouraged to challenge yourself, take on positions of leadership that influence the way the school is managed and try new pursuits that you may not have dreamed of before now. Risk taking is the norm as students understand the benefit of feeling purposefully uncomfortable to become great thinkers and leaders of the next generation.

With so many exciting career paths to follow, you can choose from 23 A Level subjects, which are all academically rigorous and taught in small groups. They can be studied in any combination and complemented with the Extended Project Qualification, creating a two-year tailored programme that reflects your academic strengths and interests and paves the way to achieving your aspirations.

Everyone's focus at Embley will be on helping you thrive. You will be guided, supported, challenged and encouraged to seize every opportunity to help you be the best person you can be.



# Happy, Confident, Purposeful

**In providing an academic, all-round education, we are mindful of empowering our students to make informed choices about their education with us and about life after Embley.**

Your tutor will be your coach and mentor and help guide you through your Sixth Form experience. This is holistic and tailored support. Your tutor will be there to provide guidance on anything from university choices and UCAS applications, how you stretch yourself or refine your study skills, to helping you maintain a healthy body and mind.

You will benefit from a careers programme that is designed to explore everything that is possible and to challenge the expectations you have of yourself. This includes a programme of lectures and workshops delivered by universities and careers events, insights into business and access to professionals who will share their career experiences and personal development.

We'll help you achieve a competitive advantage when applying to the top universities by ensuring you showcase your ambitions, abilities and aspirations in

applications and at interview. Our students benefit from interview practice with industry specialists.

All students take part in our Oxbridge Programme because being analytical, reasoned, investigative, forward thinking and solution-orientated are core skills that benefit all successful university and job applicants. The process, while rigorous, is an enjoyable challenge and a good opportunity to test your mettle.

# Adventurous, Collaborative, Creative

**Our extensive co-curriculum enables students to grow and succeed in areas beyond the confines of a classroom and provides an opportunity to balance academic ambition with wider aspirational goals. Our range of over 200 co-curricular opportunities will challenge your capacity to work with others, lead through service and grow aptitudes you will benefit from in your future.**

This may be your chance to compete in the Round the Island race aboard our sailing race fleet, take to the slopes as part of the school's ski race team, ascend mountains with our CCF Army Corps, spend a wild weekend in Snowdonia for your Gold Duke of Edinburgh, take to the stage in one

of the school's theatrical performances or musical events, or learn to rock climb, scuba dive or hone your equestrian skills.

You could be part of our Global Community Project, as we continue to build our links with Little Roses School in Ghana and prepare for one of our 10-day volunteering

expeditions to the school, or lead a workshop with care home residents as part of our Classroom in the Community programme.


The importance of being able to work as part of a team, to adapt to change and to be resilient are all essential skills that are becoming increasingly important.



A young woman with braces is smiling and looking towards another person whose profile is visible on the left. The image has a warm, yellowish tint. The text "Leadership with purpose" is overlaid in white, bold, sans-serif font.

# Leadership with purpose





**Student leadership is central to the success of Embley and its students. As well as taking leadership of your own learning, you can apply for a range of positions to lead school-wide initiatives and manage our student body. You will gain real-world skills and experiences that will give you the knowledge, ability and confidence to become an emerging leader, take on new challenges and influence others to make change happen.**

Formal roles of responsibility include our Heads of School; ambassadorial roles for the Arts, STEM, global affairs and sport which are connected to subject departments; and boarding and pastoral prefect roles. Our Student Council meetings are modelled on House of Commons Select Committees, with the Heads of School as chair.

Other leadership roles include mentoring younger students, organising and running school events and supporting the roll out of our co-curricular activities,

such as our Royal Institution Mathematics Masterclasses and our sailing and skiing programmes.

With the support of your tutor and teachers, you will be encouraged to set personal growth targets and develop an entrepreneurial mindset, to think critically and decisively, network with confidence and build positive relationships.

# Independent Learning

**Moving into Embley Sixth Form is a transition to independence. You will have a blend of A Level classes with our specialist teaching staff, more independent study, and time to develop your personal interests. We have an average of six to 12 students per class and students build close working relationship with their teachers and receive dedicated individual support with their studies.**

Independent study periods are timetabled to make the best use of your time. Additional support is also always on hand with subject specific drop-in sessions, and our Directors of Sixth Form operate an open-door policy so you can drop and chat about life in the Sixth Form, careers or anything else that's on your mind.

Our sixth formers enjoy two separate and exclusive areas in the school. A newly refurbished Sixth Form Study with private pods provides a quiet, dedicated space for you to study and conduct your research outside of lessons. Our Sixth Form Centre offers a contemporary social space to collaborate with friends and consolidate your academic thoughts.

Having a boarding house on site also offers an exciting opportunity and a step towards more independent living. You will benefit from having everything under one roof including an excellent 'out of hours' support system for learning, your peers around you to bounce ideas off and revise together, more opportunities for extra curricular activities during the evenings and at weekends, and access to our huge range of sports and study facilities.



# Scholarships

**Our scholarship programme recognises and rewards outstanding achievement and potential in a range of areas that are important to the school. In return, we expect our scholars to have a strong work ethic, take a leading role in all aspects of their scholarship subject and contribute positively to school life and our local community, and act as role models, setting a good example to those around them. There is an expectation that scholars will normally take their discipline at A Level.**

**All scholarships are available for both current and new Embley students.**

## **Academic**

Our academic scholars have a thirst and passion for the academic opportunities available at Embley and they take a leading role in relevant co-curricular enrichment programmes.

To become an academic scholar, candidates are required to demonstrate academic excellence across the curriculum in their studies to date. New students to Embley will be invited to complete an assessment and attend an academic scholarship interview. We will also seek a reference from the Head of the candidate's current school. Current Embley students moving from Year 11 to Year 12 will be invited to apply for an academic scholarship and attend an interview.

## **Art & Design**

Our scholars either demonstrate skill and ability in a range of artistic areas or a creative ability within design. Candidates will need to submit a digital portfolio of work produced at home or school in the January before September entry. A shortlist of candidates will then be invited to take part in a workshop and attend

an interview where they will be expected to discuss their interest in the subject and explain their work.

In the portfolio, we are looking for:

- A range of work showing a variety of skills.
- An ability to use a range of media and techniques including but not limited to 2D, 3D and/or digital media.
- Examples of observational drawing and photography.
- An understanding of contextual studies in Art, Craft & Design, including an ability to make an informed connection between the candidate's own work and that of artists, designers and crafts people.
- Work which shows a passion for the subject.
- For designers, evidence of an understanding of design and production methods.

### **Drama**

Our scholars are talented performers who play a leading role in all aspects of drama and performing arts at school and within the community. Scholarships are awarded based on a candidate's performance during an audition and interview with our Director of Drama. Drama scholars require focus, discipline, creativity and passion; not just talent. Therefore, we look at how candidates create, perform and respond in the audition, as well as their attitude and approach. Candidates do not need acting or musical theatre grades to be able to apply.

Candidates will be asked to submit a video of a monologue learned and prepared previously (a choice will be sent in advance to candidates). A shortlist of candidates will then be invited to join a group workshop which involves a range of practical activities (there is nothing to prepare in advance for this part of the audition).

### **Music**

Our scholars demonstrate promising musical talent and participate fully in the musical life of the school. Sixth Form candidates should demonstrate a musical ability to Grade 6+ or equivalent as well as have a proficient grasp of music theory. They are expected to participate in a minimum of two ensembles at school, seeking a leadership opportunity within one of these ensembles.

Candidates will be invited to an audition and interview with our Director of Music and they will be asked to prepare two contrasting pieces of music:

- The arrangements should last no longer than 10 minutes in total.
- Candidates are responsible for either providing their own accompanist or notifying the Director of Music that one will need to be arranged.
- The pieces may be performed on any combination of instruments or voice.
- If a candidate wishes to also demonstrate their level of playing ability on a

## Scholarships



second instrument, then this will be welcomed.

For the interview, candidates will be asked to:

- Talk about their past and present musical activities. They may bring any evidence to support this.
- Discuss what they enjoy about music making.
- Complete tests of aural recognition and sight reading.

### **Sport**

Our scholars perform to a high standard in one or more sports, represent the school in a range of competitive sports within the school programme and display an excellent standard of personal health and fitness. Sports scholars are expected to play for Embley

at weekends throughout the year when they are selected for a team.

We award three levels of Sport scholarship – Gold, Silver and Bronze. Candidates should be able to demonstrate significant talent in their chosen sport or physical activity and will play at county level or be capable of achieving a similar standard.

Candidates will be invited to attend a practical assessment day that will assess abilities across a range of sports.

### **Applying for a scholarship**

To support all scholarship applications, each candidate should complete and return a scholarship application form. Applications will be asked to write and submit a brief personal statement as part of their application.

Scholarship assessments take place in the January before September entry. Please speak to our Admissions team to find out more and to request an application form.

# Subject Contents

## Your Sixth Form, your choice

The choices you make now will influence what you do later, so if you have a particular degree in mind then it's worth doing your research to see which courses look for specific A Levels. If you're not sure what you want to do, you can still make some smart choices that will leave you in the best position at the end of your studies.

Most students follow three A Level subjects and an EPQ because this is aligned to the entry requirement for most universities. However, it is possible to take four A Levels.

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# Business

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Examination board: Edexcel

## OVERVIEW

**Studying Business will enable you to develop your commercial awareness and learn how management, leadership and decision-making can improve performance in marketing, operations, financial management and human resources. You will learn through business case studies, field trips to multinational organisations, guest lectures from a wide range of leading professionals and business news and trends as we bring to life the complexities of UK and global business.**

**We foster a spirit of enquiry and a critical approach to thinking about business problems. You will learn how to evaluate alternative solutions to challenges in the face of uncertainty, and the importance of evaluating outcomes and learning from mistakes. Students have the option to take part in the national Tycoon in Schools competition: in previous years our students have been awarded start-up loans from the Peter Jones Foundation on the strength of their business plans.**

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For further information or to discuss in more detail, please contact:

**Mr Steve Fenlon**

Head of Economics & Business Studies  
stephen.fenlon@embley.org.uk

## Assessment

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Three written exams at the end of the course.

## Future Pathways

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This qualification lays the foundations for careers in business across any sector or industry. Higher education and career options are therefore varied and include areas such as management, marketing, human resources, accounting and finance.



# Economics

Examination board: AQA

## OVERVIEW

**Are you curious about the society you live in and the people around you? Economics asks big questions that help us understand how the world works and how we can make it a better place. It is at the heart of policy making by governments and industry all around the world.**

**You'll enjoy lively debate in lessons as we analyse the economic climate and develop an understanding of economic theories and the interrelationships between micro and macro economies. Because many economic problems have more than one solution, you will learn how to evaluate information for its relevance and quality. You will become proficient in using quantitative methods effectively across a range of problems and learn how to apply economic reasoning to policy issues in a critical manner.**

**You'll enjoy using simulation games, such as Student Investor, that allow you to acquire deep subject knowledge and to develop a range of interpersonal and critical thinking skills. Our Economics Society will help prepare you for national essay writing competitions and the Bank of England challenges.**

**To inspire and broaden your horizons further, we have a programme of specialist guest speakers and field trips, which include visits to the City of London, and we run extension classes for those applying to Oxbridge.**

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For further information or to discuss in more detail, please contact:

**Mr Steve Fenlon**

Head of Economics & Business Studies  
stephen.fenlon@embley.org.uk

## Assessment

Three written exams at the end of the course on markets and market failure, the national and international economy and economic principles and issues.

## Future Pathways

Economics is a subject that is well respected by employers in both the public and private sectors and by universities. Careers related to economics include accountancy, banking and finance, business, consulting and management.

# Art and Design Courses

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Examination board: AQA

## OVERVIEW

**We will help you develop into an emerging artist or designer with the support of our expert teachers and in our contemporary, open plan art studio. Similar to facilities offered at some of the top universities, you will have a personalised 'pod' space for the duration of your A Level course in which to base yourself and grow your creative ideas.**

**During the first term of our A Level courses, you will participate in a series of workshops and small projects which will allow you to build a broad portfolio of work, explore our wide range of facilities and broaden your technical skills. Our teaching staff will spend time discussing your personal ambitions and tailor the subject matter of your work towards your own interests.**

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For further information or to discuss in more detail, please contact:

**Mrs Frances Henville**

Head of Art & 3D Design

frances.henville@embley.org.uk

## Assessment

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Component 1: A Personal Investigation (60%) completed between January in Year 12 and Christmas in Year 13.

Component 2: An externally set assignment (40%) completed between January and Easter in Year 13.

# Art, Craft & Design

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## OVERVIEW

**This course is a fantastic opportunity to build upon the knowledge and skills you acquired during GCSE Art and become an independent artist. You will enhance your core drawing and painting skills and refine your practical skills by working in two or more of the following areas: painting (fine art), photography, graphics, textile design, mixed media and/or 3D design.**

**You will have access to specialist printmaking and textiles facilities, a digital photography studio, Mac suite and a 3D design studio (fully equipped for wood, ceramics metal and plastics). You will visit galleries and museums to expand and enhance your knowledge and understanding of artists and art sources.**

### Future Pathways

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This subject can lead to a wide range of degrees and careers including fine art, illustration, fashion and costume, architecture, graphics, theatre design, interior design and animation.

# Photography

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## OVERVIEW

**You will explore the possibilities of digital photography. During the course, you will use DSLR cameras on manual settings as well as exploring various forms of digital and cameraless photography using light sensitive media.**

**You will experiment with different styles and genres of photography including portraiture, landscape, still life, documentary, fashion, experimental imagery and photographic installation as well as video, film and animation. You will have the opportunity to use a green screen in our photography studio and explore the boundless world of editing with Adobe Creative Cloud in our bespoke Mac suite. You will be encouraged to become expert at framing and composition, harnessing light on location in our photography studio.**

### Future Pathways

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This subject can lead to a wide range of degrees and careers including photography, animation, games design, product design and photojournalism.

## 3D Design

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### OVERVIEW

**Develop your understanding of the design and manufacture of objects and artefacts including traditional and modern products, architecture and furniture. During this course you will explore different material areas, investigate manufacturing methods and broaden your skills in manipulating a wide variety of tools and equipment within the workshop. This will include developing cutting, shaping and finishing skills using a range of materials including timbers, polymers and metals.**

**You will also develop your digital technical drawing skills and use of CAD/CAM which will enable you to become a competitor within the global design and technology environment.**

### Future Pathways

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This course is ideal for students wishing to pursue degree courses and careers in architecture, engineering, landscape design, product design, car design, model making, set and prop design.

## Textile Design

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### OVERVIEW

**This is a wonderful course for anyone who likes working and experimenting with textiles. You will design and construct garments and learn techniques including sewing and embellishing machines, hot textiles, hand embroidery, felting, weaving, quilting, dying and batik. You will experiment using our print making facilities which include dry-point etching, collagraph, lino, gel plate and silk screen.**

### Future Pathways

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This subject can help lead to a wide range of degrees and careers including fashion design, surface pattern design, fashion merchandising, pattern cutting and costume design.

# Drama & Theatre

Examination board: Pearson Edexcel

## OVERVIEW

**This course will challenge you to become a contemporary theatre maker in your own right, with an exciting array of opportunities to create, perform, design, direct and critique. The vast range of transferable skills developed throughout the course will prepare you for undergraduate study and beyond. Students enjoy both the practical and theoretical components of this course, which nurture their creativity and foster a love of the performing arts.**

**You will benefit from workshops with professional theatre companies in order to deepen your study of key practitioners and theatrical styles. We also offer a wide range of theatre trips as part of the Live Theatre review component of the course and to inspire the development of practical work. You will study a range of set texts and explore these practically and theoretically before developing your production concepts for the written paper.**

**There are opportunities to develop design and technical skills, with support from our visiting theatre technician, as part of our numerous theatre productions. Students can also offer design as their skill for the practical components in the course.**

**Our co-curriculum offers a huge range of opportunities to perform each year, with firm favourites being the school musical, the senior play and showcases. You can also take an active role in facilitating co-curricular drama activities for younger pupils, including directing productions and leading clubs and workshops.**

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For further information or to discuss in more detail, please contact:

**Mrs Elaine Morgan**

Director of Drama

elaine.morgan@embley.org.uk

## Assessment

Component 1: (40%) A devised performance and an accompanying portfolio completed in Year 12.

Component 2: Text in performance (20%) – two performances from two different texts completed in the Spring term of Year 13.

Component 3: Theatre makers in practice (40%) – the study of two set texts and live theatre performances assessed in a written exam at the end of the course.

## Future Pathways

This course can lead to a range of exciting career paths in the performing arts and combines well with most other subjects, either as a complementary or contrasting option. It is also a useful subject to study if preparing for careers which require interpersonal and communication skills. Former students are working in a wide range of industries, from theatre, TV and film to law, marketing and public relations.

# Music

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Examination board: Eduqas

## OVERVIEW

**Expand your musical repertoire, develop a deeper appreciation of what you hear and discover how elements of music work together as you compose and perform your own work.**

**You will explore a variety of musical genres and discover what inspires musicians and how they develop techniques for practice and performance. You will use our professional recording studio, which has specialist music software including Cubase and Logic Pro for producing studio-based compositions, and Sibelius to score creations.**

**Directing and organising your own ensembles, you will prepare performances for the many musical events that occur throughout the school. These include live performances in Romsey Abbey, our music and performing arts showcase events, recitals and concerts. In addition, there are many varied groups and ensembles for you to take part in, including orchestra, jazz band, flute choir, rock band and choir.**

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For further information or to discuss in more detail, please contact:

**Mr Matthew Morgan**

Director of Music

matthew.morgan@embley.org.uk

## Assessment

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At the end of the course, the assessment comprises three parts: performing, composing and listening/appraising.

## Future Pathways

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Studying music at university can lead to varied pathways, such as performance, composition, musicology, ethnomusicology, sound engineering, conducting and teaching. It is also common to find music graduates in consultancy, finance, banking, music therapy and the legal profession because of the valuable skills that music graduates have.

# English Literature

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Examination board: AQA

## OVERVIEW

**Students will enjoy a range of prose, poetry and drama and learn to read critically, analyse, evaluate and undertake independent research; all valuable skills for higher education and life beyond education. Regular theatre trips and a range of TV and film interpretations will support set texts. Students should not feel that limited reading is a barrier in this subject; the ability to analyse texts in depth will be vital, however.**

**There are three accessible exams, entitled drama, prose and poetry, alongside coursework. For the drama paper, students study one Shakespeare play and another drama text, such as *Dr Faustus* or *A Streetcar Named Desire*. For the prose paper, they will study two novels which are linked, by titles such as *The Supernatural*. These novels might be classics, such as *Wuthering Heights* or modern novels, such as *Atonement*. For the poetry paper, there is a wide range of choices. Again, two texts will be studied, allowing the class to explore a diverse modern anthology; a movement or an individual poet, such as Christina Rossetti.**

**In the coursework module, students will choose from prose, poetry, drama and non-fiction texts, which they have not studied elsewhere.**

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For further information or to discuss in more detail, please contact:

**Mrs Natalie Kellie**  
Head of English  
natalie.kellie@embley.org.uk

## Assessment

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Three written papers at the end of the course plus a coursework module.

## Future Pathways

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English Literature is defined as a 'facilitating' subject by the Russell Group of universities and can lead to a wide range of career opportunities including journalism, advertising, creative writing, teaching, law, broadcasting, public relations and politics. More broadly, an enthusiasm for literature, added to an understanding of communication and human behaviour, will be invaluable, whichever path you choose to follow.

# Foreign Language – French or Spanish

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Examination board: Edexcel

## OVERVIEW

Languages at A Level can open a wealth of opportunities. They build on the core skills of listening, reading, writing and speaking gained through GCSE. During this course, you will develop a deeper understanding of French or Spanish in a variety of contexts and genres, and learn to communicate confidently, clearly and effectively in French or Spanish for a range of purposes.

Our lessons are largely taught in the foreign language you are studying and our small class sizes mean that you will quickly develop your oral fluency and confidence, with individual guidance given in every lesson and plenty of opportunities for pair work, group discussions and lively debates.

As part of the course, you will study a wide range of topics including social issues and trends; political, intellectual and artistic culture; immigration and multicultural societies; and the arts, literature and history - such as the study of a French film and novel or the Spanish Civil War and magic realism in Latin American literature.

We use a range of mediums to support learning and study trips provide plenty of opportunities to immerse yourself in the language.

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For further information or to discuss in more detail, please contact:

**Mrs Catalina Petre**

Head of Modern Foreign Languages  
catalina.petre@embley.org.uk

## Assessment

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Three exams at the end of the course: two written assessments and an internally conducted and externally assessed speaking paper.

## Future Pathways

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Our students have gone on to study languages at a number of Russell Group universities including UCL, the University of Cardiff and Kings College, London. The skills and qualifications that are gained from studying a language at A Level are incredibly important tools. A language can be combined with and complement many courses at university.



# Geography

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Examination board: Cambridge International

## OVERVIEW

**This is an opportunity to study a fascinating and ever changing subject. Geography is a multidisciplinary subject that stands astride the arts and sciences and will provide you with the ability to gain invaluable skills that employers are increasingly looking for.**

**You will be able to choose a diverse range of physical and human geography topics that are intrinsically interesting and relevant in today's changing world. You will study issues such as climate change, coastal erosion, volcano management and population change, and gain essential transferable skills such as being able to articulate well-informed opinions, suggest new ideas and provide evidenced arguments on a range of issues. Through fieldwork excursions the geography you study will be brought to life.**

**You will be encouraged to develop an enquiring mind, to investigate and be proactive in your learning. At the same time, the detailed subject knowledge that we provide will enable you to reach the top grades. Many students choose to continue their enjoyment of geography at university level and beyond.**

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For further information or to discuss in more detail, please contact:

**Mrs Natasha Spurr**

Head of Geography

natasha.spurr@embley.org.uk

## Assessment

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Four written exams with the option of taking two exams on Year 12 content in the Autumn of Year 13 and the final two exams at the end of the course.

## Future Pathways

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Our students have gone on to lead successful careers in the field of meteorology, chasing tornadoes in Tornado Alley, Oklahoma; working for the Environment Agency as a hydrologist, a flood risk and drainage engineer; and developing sustainable energy for a key energy company. Geography therefore provides many different pathways.

# History

Examination board: OCR

## OVERVIEW

**Ignite a passion for the past as you study complicated historical questions in great depth across a fantastic range of areas covering British and world history. Topics focus on a mix of political, social, economic and cultural history, which will help you see patterns and trends in history and recognise the impact of past events on today's complex societies.**

**You will study three topics: England 1485–1558: the early Tudors; the early Stuarts and the origins of the Civil War (1603 - 1646); the USA in the 19th century: westward expansion and Civil War (1803 - c.1890); and China and its rulers (1839 - 1989). These three units are assessed in three exams at the end of Year 13. The USA topic is brought to life during our trip to Washington DC.**

**In Year 13 you will complete an extended essay on an area of your own interest. Our most recent student essay topics have been wide ranging, including the reasons for Henry VIII's break with the Catholic Church, the French Resistance in the Second World War, the role of the Suffragettes in women winning the vote 100 years ago and the reasons for the failure of the prohibition of alcohol in 1920s America.**

**You will develop a wide range of essential skills that will be indispensable in your future studies. You will become an analytical, critical thinker and well-informed decision maker, as well as a highly literate, persuasive communicator.**

For further information or to discuss in more detail, please contact:

**Mr David Chinnock**

Head of History & Politics

david.chinnock@embley.org.uk

## Assessment

An extended essay in Year 13 and three exams at the end of the course.

## Future Pathways

Students will find all areas of study and all career avenues open to them. Previous students have gone on to study degrees in history, law, journalism, philosophy, politics and economics, languages and science. History qualifications are highly regarded and graduates work in a variety of industries including the media, law, education, politics, international development and charity work.

# Politics

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Examination board: AQA

## OVERVIEW

**Politics is the study of power. Who gets what, why and how? There is no better time to be thinking about this, with all the changes taking place in the way we are governed nationally and internationally.**

**Who really holds the power to make policy? Does our electoral system create the strongest governments? Are referendums the most democratic way to make decisions? You will cover a broad range of topics and develop skills including critical analysis, problem solving and debate. You will analyse the politics of the UK and USA and explore the foundations of political thought, looking at liberalism, conservatism, socialism and anarchism. To bring these discussions to life, students have a chance to join our trip to Washington DC.**

**In addition to independent study and group discussions, you will have opportunities to join co-curricular groups and lead events. This includes our Politics Society, annual human rights conference and regular visiting speakers. Rt Hon Caroline Nokes MP and Rt Hon Dr Vince Cable have led workshops with students.**

**We will help equip you with a political literacy and confidence to question and shape your perspective on the challenges that are facing the world.**

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For further information or to discuss in more detail, please contact:

**Mr David Chinnock**

Head of History & Politics

david.chinnock@embley.org.uk

## Assessment

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Three exams at the end of the course containing short answer, source based and essay questions.

## Future Pathways

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Politics can be taken as a joint degree with subjects like history, philosophy, economics or business, or as part of a combined social science degree. In addition, politics is a good A Level for those wanting to follow international relations, public policy, American studies or international development.

# Psychology

Examination board: Edexcel

## OVERVIEW

**Have you ever wondered how the brain works, or why we behave the way we do? Psychology is your chance to find out! Explore questions such as, how does brain damage affect memory? Can schizophrenia be inherited? What makes someone a criminal? And is 'just obeying orders' enough reason to kill?**

**In the first year, you'll look at a range of psychological approaches including cognitive, biological, psychodynamic, humanistic and behaviourist. You'll study the topics of social influence, memory, infant attachment and psychopathology. You'll examine methods used in psychological research, take part in mini experiments, gather data and analyse the results to see if they support or challenge existing theories. You'll also learn about the ethical principles guiding psychological research (and how these have often been broken).**

**In your second year, you'll study biopsychology, relationships, schizophrenia and forensic psychology. You'll compare classic psychology studies with the latest psychological research. You'll learn to evaluate studies and to consider whether theories should be believed or not, based on scientific evidence.**

**You'll have the opportunity to visit psychological exhibitions such as Bethlem Psychiatric Hospital and will benefit from targeted support sessions to ensure you get the very most from your A Level course.**

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For further information or to discuss in more detail, please contact:

**Miss Emma Moran**

Teacher of Psychology

emma.moran@embley.org.uk

## Assessment

Three exams at the end of the course.

## Future Pathways

Psychology is a science and is recognised as such by many academic institutions. It has links with many academic areas, such as psychology of business, sport, education and criminal (forensic) psychology. It is useful for any career that involves working with people such as the Police, medical professions and in any profession where knowledge of the workings of the brain would be useful, for example, performance related careers, teaching or sport.

# Religious Studies

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Examination board: OCR

## OVERVIEW

**This subject is about so much more than the history of religion. You will consider philosophical and ethical ideas and study the theories of Plato, Descartes, Nietzsche and their colleagues. You will be encouraged to re-evaluate conventional norms and conceptions, as you study key texts and scholars, shaping and forming your own opinions.**

**You will benefit from our experienced teachers, small class sizes, highly engaging and interactive lessons, and outstanding levels of support, which lead to excellent outcomes for our students.**

**Over the years we have run trips to Prague, Krakow and Auschwitz, and Berlin, to bring the subject further to life, and you will be invited to attend lectures and attend seminars at leading universities. At school, you will be encouraged to join the Debating Society.**

**You will study three key components in the course: the philosophy of religion, religion and ethics and the study of key concepts within the development of Christian thought. Knowledge and understanding of these areas are externally assessed at the end of the course.**

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For further information or to discuss in more detail, please contact:

**Dr Elizabeth Mackintosh**

Head of Philosophy & Religion  
elizabeth.mackintosh@embley.org.uk

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## Assessment

Three written exams at the end of the course.

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## Future Pathways

Philosophy, theology and religious studies are truly excellent degrees on their own and a superb complement to a wide range of other subjects. The qualification links well with the arts, humanities or social sciences.

In recent years pupils have gone to university to study philosophy, business studies, psychology, modern languages and philosophy, theology and philosophy and PPE (philosophy, politics and economics). Others have found the study of philosophy useful in progressing to law, linguistics, mathematics, natural sciences, business and economics and medicine. In short you can do absolutely anything with a philosophy and/or theology qualification, and they are highly regarded subject qualifications at A level and beyond.

# Biology

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Examination board: AQA

## OVERVIEW

**Biology has expanded enormously in the last four decades, from the study of molecules and DNA to ecosystems and artificial intelligence. Biologists around the world are trying to solve significant challenges including disease and antibiotic resistance, climate change, food production and genetic technologies.**

**You will work in small groups or independently with all the necessary resources to develop your biological knowledge. You will cover topics including biological molecules, cells, organisms and their environment, genetic information and variation, energy transfer, organisms responding to change, genetics, populations and ecosystems, and the control of gene expression. There are also lots of opportunities for you to get involved in a wide range of national competitions, field trips, science events and university visits as part of your studies.**

**We set high expectations that allow our students to achieve their full potential in a friendly and supportive environment and we will challenge you every step of the way. We will guide you through the University Clinical Aptitude Test (UCAT) and Bio Medical Admissions Test (BMAT) exams to ensure that you have every opportunity to fulfil your ambitions.**

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For further information or to discuss in more detail, please contact:

**Mrs Abigail White**

Head of Biology  
abigail.white@embley.org.uk

## Assessment

Three written exams at the end of the course.

## Future Pathways

Biology holds academic weight in university applications and it opens exciting opportunities in both science and non-science careers due to the wide-ranging knowledge and transferable skills it provides. Many of our students go on to read biology-based subjects at university such as medicine, dentistry and veterinary science.

# Chemistry

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Examination board: OCR Chemistry B (Salters)

## OVERVIEW

**Chemical principles are becoming increasingly vital to understand, explain and improve the world we live in. Chemists and biochemists are also playing a vital role in the research on treatments and vaccines.**

**You will study chemistry in a range of different contexts through theory and practical work which together convey the excitement of contemporary chemistry. Across the course, you will study elements of life, developing fuels, elements from the sea, the ozone layer, medicines, the chemical industry, polymers and life, oceans, developing metals and colour by design.**

**Concepts are introduced in a spiral way with topics introduced early in the course and reinforced later. There is a particular emphasis on an investigational and problem solving approach to practical work.**

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For further information or to discuss in more detail, please contact:

**Mr Jonathon Murray-Smith**

Head of Science

jonathon.murray-smith@embley.org.uk

## Assessment

Three written exams taken at the end of the course. You will carry out a range of practical experiments throughout the course which are assessed and reported separately to the A Level grade as a practical endorsement.

## Future Pathways

A thorough understanding of chemistry is a vital foundation for many university courses including engineering, medicine and pharmacy. Chemistry is also highly regarded by law degree course providers, where the use of precise definitions and accurate techniques taught in chemistry are vital.

# Computer Science

Examination board: OCR

## OVERVIEW

**Computerisation is governing increasing parts of our daily lives. Through this practical subject, you will apply the academic principles learned in the classroom to real-world systems. It is an intensely creative subject that combines invention and excitement, problem solving and programming, and it will encourage you to look at the natural world through a digital prism.**

**You will start by learning the fundamentals of computer science: the internal working of the central processing unit, how data is exchanged, software development, different data types and legal, moral, cultural and ethical issues associated with the subject. In the second year, you will study computational thinking, how computers and programs can be used to solve problems and how to produce algorithms in order to describe and solve problems.**

**We use a variety of teaching methods including practical programming activities, presentations, field and university trips and - through scaffolded tasks - you will develop a mastery of the subject which will culminate in a software project that you will define, design, develop and test.**

For further information or to discuss in more detail, please contact:

**Mrs Lesley Johnson**

Head of Computer Science

lesley.johnson@embley.org.uk

## Assessment

Two written exams at the end of the course plus a programming assignment in Year 13, where you will apply the principles of computational thinking to a practical coding programming task of your choice.

## Future Pathways

The skills of A Level graduates are highly prized by a range of industries and sectors and students benefit from a high level of employment. This subject could also lead to careers in defence, engineering, technology, medicine, multimedia and IT.



# Mathematics

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Examination board: Edexcel

## OVERVIEW

**This subject is held in very high regard by universities and employers. It is a comprehensive course designed to equip students with a solid foundation in mathematics, enabling them to pursue further studies or careers in various scientific, technological and mathematical fields. Throughout this course, you will delve into diverse mathematical concepts, develop problem solving skills and enhance your analytical thinking abilities.**

**A Level Mathematics is divided into three main modules studied over two years, covering essential areas of mathematical theory and application. These modules include pure mathematics, mechanics and statistics.**

**You will be stretched with content beyond the classroom including lectures by inspiring individuals through our links with some of the UK's leading universities, and designing and delivering Royal Institution Mathematics lectures. There are opportunities for you to explore an area of interest through the Extended Project Qualification and we will provide additional support for entrance exams such as STEP (Cambridge) and MAT (Oxford).**

**Our A Level Mathematics programme offers a comprehensive and rigorous study of mathematical concepts, equipping you with the skills and knowledge necessary for further academic and professional pursuits. Through engaging lessons, comprehensive past exam practice and assessment, we aim to foster a deep understanding and appreciation of mathematics, empowering our students to excel in their chosen paths.**

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For further information or to discuss in more detail, please contact:

**Mr Simon King**

Head of Mathematics  
simon.king@embley.org.uk

## Assessment

Three written examinations, each assessing the content of the different modules. The examinations are held at the end of the two-year programme. The overall grade is determined by the cumulative marks obtained in these examinations.

## Future Pathways

Successful completion of A Level Mathematics opens a wide range of academic and career opportunities. Students can pursue higher education in fields such as mathematics, physics, engineering, computer science, economics and actuarial science. Additionally, the subject provides a solid foundation for professional qualifications such as accountancy and finance.

# Further Mathematics

Examination board: Edexcel

## OVERVIEW

**A Level Further Mathematics is an advanced course designed for students who have a strong aptitude and interest in mathematics and will gain a grade 8 or 9 at GCSE. It builds upon the concepts and topics covered in A Level Mathematics, providing a deeper understanding and introducing more advanced mathematical techniques.**

**You will delve into topics such as complex numbers, matrices, differential equations and further calculus techniques. You will explore abstract algebraic structures, including groups, rings and fields. This component of the course emphasizes rigorous proof-based reasoning, enabling students to develop their problem solving skills and logical thinking abilities.**

**The course is divided into three modules studied. Students all study pure mathematics and choose two from: further pure, mechanics statistics or decision maths.**

**You will develop your mathematical reasoning, logical thinking and analytical skills. The course encourages the exploration of connections between different areas of mathematics and application of knowledge to real-world situations.**

**This qualification is highly regarded by universities and employers, as it demonstrates a high level of mathematical proficiency and problem solving ability. It provides an enriching and challenging experience for students who are passionate about mathematics and wish to deepen their understanding of the subject. It prepares them for advanced study in mathematics-related disciplines and equips them with valuable skills for their future endeavours.**

For further information or to discuss in more detail, please contact:

**Mr Simon King**

Head of Mathematics  
simon.king@embley.org.uk

## Assessment

Four written examinations, two in pure mathematics, the other two exams are in each of the chosen applied modules. The examinations are held at the end of the two-year programme. The overall grade is determined by the cumulative marks obtained in these examinations.

## Future Pathways

Further Mathematics opens up a wide range of opportunities in fields such as engineering, computer science, finance, physics, and research.

# Physical Education

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Examination board: AQA

## OVERVIEW

**This course is designed for those that have a genuine passion for the diverse and wide-ranging topic areas in the world of sport. Whether you have an interest in sports science, a curiosity of sports psychology or a love for the history of sport, you will be encouraged and challenged.**

**Your desire to understand, analyse and interpret key factors of sporting performance will be at the forefront of your studies, with much of the content being taught around your own sporting experiences to maximise your learning and understanding. You will also be given the tools to improve your own sporting performance through a directed piece of work which monitors your development.**

**Opportunities will also be afforded to broaden your studies and experiences with educational trips and visits to some of the UK's leading sports universities and professional sporting organisations. This will give you a first-hand experience to observe how the content being taught is used in the world of sport in the 21st Century.**

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For further information or to discuss in more detail, please contact:

**Mr Ben Wainwright**

Head of Physical Education

ben.wainwright@embley.org.uk

## Assessment

Two exams at the end of the course in addition to one written piece of coursework and a practical assessment in one sport of your choice.

## Future Pathways

This is a highly regarded qualification for any student wishing to pursue a career in the sports sector or applying for a university degree in sports science, sports management, healthcare or exercise and health. It can also complement further study in biology, human biology, physics, psychology, nutrition and sociology.

# Physics

Examination board: OCR A

## OVERVIEW

**Monitoring climate change and finding sustainable ways of generating electricity are needed more than ever before. Engineers are needed to develop ways of saving water, improving the world's food supply, making travel more environmentally friendly and recycling waste on a large scale. These specialist roles share a core foundation in physics.**

**Our well-equipped department and highly experienced teachers bring theories to life. Topics are always related back to the real-world and these come to life through our many prospective trips, including a trip to CERN, and attendance at inspiring lectures and workshops at leading universities.**

**In Year 12 you will build on your GCSE knowledge, looking at important underlying topics such as forces, waves, electricity and quantum phenomena. You will then connect these content areas together in Year 13 and study resonance, particle physics, gravitational and electric fields and electromagnetism.**

**To conclude the course, you will discover practical applications for what you have learnt and apply them to medical physics. Applying mathematics to real-world problems will develop skills that enable you to make quick but fascinating estimations about the universe, such as how fast does an electron move in a wire? How many atoms make up a human being? What would happen if you sat on a neutron star or approached a black hole? And what is the probability of life existing outside of our solar system?**

For further information or to discuss in more detail, please contact:

**Mr Jonathon Murray-Smith**

Head of Science

jonathon.murray-smith@embley.org.uk

## Assessment

Three written exams at the end of the course. Practical and data analysis skills will be tested during these exams.

## Future Pathways

This is an important qualification in a range of careers, including technology and science. It is useful for medical and veterinary careers and is a qualification which is welcomed in law, banking and accountancy, since a good A Level grade demonstrates a student's analytical and problem solving skills and mathematical competencies.

# Extended Project Qualification

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Examination board: AQA

## OVERVIEW

**Started in Year 12, studying an Extended Project Qualification (EPQ) is an opportunity for you to gain UCAS points (worth half an A Level) by investigating an area of interest to you. It is recognised by leading universities and many of our students often receive reduced offers for A Level requirements if an A and A\* grade is achieved in the EPQ.**

**Many students choose to study an area that will contribute to their university course or future career aspirations. You will research a subject of your choice before producing a dissertation, investigation, performance or artefact.**

**The options for topics are limitless. In recent years, student EPQ projects have ranged from designing and building a hybrid paddle/surfboard to conducting a meta-research analysis on the diet of the Maasai tribe (the latter was highly commended by The Peter Watson International Scholarship). Other projects have focused on such things as laws on capital punishment in the US and Iran, George Orwell's political views, as well as the design and materials used in eco-house building. The options for topics are limitless.**

**Although the nature of the project is individually driven, students receive one-to-one guidance to support the requirements of their title.**

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For further information or to discuss in more detail, please contact:

**Ms Suzanne Winsor**

Joint Director of Sixth Form  
suzanne.winsor@embley.org.uk

## Assessment

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No exam, this is a research-based project.

## Future Pathways

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This is a standalone qualification designed to extend and develop students' skills in independent research and project management skills. This qualification is highly regarded by universities.

# Admissions Process for Sixth Form

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## New applicants to Embley

We welcome new applications from students who have studied their GCSEs or equivalent at other senior or international schools.

Our admissions policy is that we would normally expect students to achieve a minimum of five GCSEs at grade 9 to 5, including English and Mathematics, and at least grade 7 in the A Level subjects to be studied, or equivalent subjects.

### Step 1. Register for a place

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Families are encouraged to register as soon as possible. To do this, you will need to complete a short form available on the Admissions page of our website and pay a non-refundable registration fee.

### Step 2. Book a taster day

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We can arrange a taster day tailored to your subject interests. This is a fully immersive experience, where you spend a day with our current Sixth Form, sampling lessons and Sixth Form life. Please speak to our Admissions team for more information.

### Step 3. Reference requests and school reports

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Upon receipt of your registration, and with parent/student permissions, we request a reference from your current school, including GCSE predicted grades. We will also ask to see a copy of your most recent school report.

### Step 4. Interview

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You will be invited to attend an interview with a member of our Senior Leadership Team. You will be encouraged to talk about your motivations for joining Embley, Sixth Form and career aspirations, wider interests and hobbies.

### Step 5. Offer of a place

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Offers will be based on the information gained during the admissions process. An offer will be made on the condition of you achieving your predicted grades during GCSE public examinations.

## Current Embley Senior School students

If you have successfully studied GCSEs at Embley then our expectation is that you transition to our Sixth Form (you do not need to reapply).

There will be lots of opportunities for you to speak to your tutor, subject teachers, Head of Year and our Directors of Sixth Form about your A Level and higher education aspirations to help inform your decisions.

Our admissions policy is that we would normally expect students to achieve a minimum of five GCSEs at grade 9 to 5, including English and Mathematics, and at least grade 7 in the A Level subjects to be studied, or equivalent subjects.





## **Sixth Form Guide**

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