

Subject Guide

Sixth Form

2024-
25





intro

The Heathfield Sixth Form is a key strength of the school, as we prepare our young women for the challenges and opportunities which lie ahead within the supportive environment for which we are famed. This is a time when students look not just inwards to the school community but outwards to the world beyond.

Students joining the Sixth Form at Heathfield are entering the most exciting and challenging chapter of their school life: academic expectations are high as they embark on their A Level courses while simultaneously planning their paths to university and work, with our expert guidance.

It is also a time when they take on new responsibilities for their school. As part of the prefect team and increasingly as ambassadors for the school in and out of Heathfield, we encourage them to be active role models to younger members of the school.

Between the ages of 16 and 18, girls are also maturing at a rapid rate, continuing their journey of learning about themselves, what they are good at, what they enjoy, and how to interact with their peers and teaching staff. We aim to foster and help nurture a strong sense of self-worth and self-esteem which are crucial in the 21st Century, especially for young women. Building this sense of self and resilience and encouraging freedom of expression ensures we can help our girls to flourish in every area.

In the Sixth Form, new friendships are formed as new girls join the school, and old bonds are deepened. Friendships made during these years last a lifetime, as members of the Heathfield Fellowship, our Old Girls' society, will testify.

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Joining Heathfield Sixth Form

Girls join the Sixth Form at Heathfield after progressing through the school from the age of 11 or 13. We also welcome applications for entry into the Sixth Form from girls at other schools, nationally and internationally.

Academically, girls are expected to take 3 A Levels and will be guided on their subject choices. Heathfield offers a full programme of A Levels which is detailed within this guide.

Heathfield's curriculum has a wide range of strengths. Our excellence in the Creative Arts is well-known: we have a close link with the prestigious London College of Fashion and we have a creative partnership with Falmouth University. We have also entered into a unique collaboration agreement with Parsons Paris. This is balanced by our growing reputation in the STEM subjects, Languages and the Humanities.

Students' academic progress is monitored by the Head of Sixth Form and by their own personal tutor. Each student will be individually supported through their final two years at Heathfield. Class sizes are small, so students are also assured of very individual academic attention.

Our strong co-curricular programme also encourages students to build on and develop interests in the evenings and at the weekends, often inspired by class work. Sixth Formers have the opportunity to hear from a variety of outside speakers and also take the lead in a number of initiatives. An example from this year, has been the Lower Sixth leading a whole-school link with Harmans Water Primary School and volunteering there every week, running activities and clubs.

Heathfield Sixth Formers secure places at some of the most prestigious universities at both home and abroad. This summer, all subjects had cause for celebration since students achieved highly in both academic and vocational subjects, gaining places at a diverse range of destinations. These included leading Russell Group Universities such as Birmingham, Bristol, Durham and Exeter and other prestigious UK based universities such as the Royal Veterinary College and King's College London.

In recent years, those choosing to study abroad have secured places at leading colleges and institutions including the IE Business School in Madrid and the École Hôtelière de Lausanne. Destinations have ranged from the US and Spain to Greece and France. Specifically, this has included the Lee Strasberg Institute, the Fashion Institute of Technology and Parsons, New York and Paris.

Recent leavers have gone on to study a wide range of subjects from Biological Sciences, Geography, Marine Biology, Philosophy, Politics & Economics and Psychology to History of Art, Law, Bioveterinary Sciences, Psychology, Sociology and Medicine.

In addition, students have gained places to acclaimed arts and drama institutions including LAMDA, RADA, the Glasgow School of Art and Central St Martins demonstrating that wherever a student's talents lie, we can help her to develop them and to aim for the very best further education.

Opportunities and Challenges

The Sixth Form experience is of course about far more than academics. Our school is rich with sporting, dramatic, artistic and musical opportunities and has a seven day a week co-curricular programme packed with activities so girls can explore a current passion or try something new.

Students in the Lower Sixth are expected to show the way for younger students in terms of behaviour and leadership. The Head Girl, Head Girls' team and our team of prefects begin these roles as Lower Sixth Formers, giving the girls the chance to experience this responsibility and develop leadership qualities. Girls apply for a prefect position and go through a selection process during the Michaelmas Term of Lower Sixth.

With the completion of our Sixth Form Centre in September 2022, students are enjoying the contemporary new space which has been designed to optimise learning and provide spaces suitable for different styles of learning and study. The Sixth Form Programme has been created to enhance the whole experience of the A Level years and runs alongside and complements the academic side of Sixth Form. It is as varied as Sports Leaders and Gold Duke of Edinburgh Award to the prestigious Ivy House Leadership Programme and the Young Health Champions qualification.

The Upper Sixth live together in Wyatt House where boarders have a study bedroom and share a kitchen. They have a fully equipped kitchen offering the opportunity to cook their own breakfast and supper but can choose to eat with the rest of the school in the dining room if they prefer. Lunch for Sixth Formers is served in the dining room.

Both the Lower and Upper Sixth are overseen by experienced House Staff. Pastoral care at Heathfield has consistently been rated as outstanding.

Looking to the Future

Throughout the school, our students are part of an inspirational careers programme which enables them to hear visiting speakers and have one-to-one advice as they progress through the school. In the Sixth Form, they have expert individual guidance on the best universities and courses to apply for.

Heathfield's small size ensures we know the students so well that we can guide them in the right direction, which can make a huge difference to their future. The personalised support combined with a focus on scholarship through independent opportunities means our girls leave ready and able to make the most of the outside world. Our students consistently achieve at the highest levels at university, demonstrating the levels of scholarship and excellent independent working habits that are instilled throughout the school and consolidated in the Sixth Form.

In the Sixth Form, girls will have access to our dedicated Head of Careers who can give them valuable advice and contacts. In addition, the Heathfield Fellowship – which all students become part of when they leave Heathfield – also offers careers advice and grants for gap year projects.

The application process for university begins in the Lower Sixth and continues into the Upper Sixth when girls start applying for their chosen courses in the Michaelmas Term. Throughout the process, Tutors and Subject Staff support and guide the girls.

At Heathfield, we believe in teaching not just what to learn but how to learn to love learning. At the same time, we encourage every single girl to get involved in life beyond the classroom in one of our many successful sporting teams, or develop their front of house or back stage skills in one of our major annual dramatic productions, or continue or begin musical studies. By the time girls leave the Heathfield Sixth Form, this panorama of opportunities will have enriched and transformed their A Level years, giving them a foundation of achievement and pride on which to build a successful and happy future.

EDUCATING
GIRLS
FOR THE
21ST
CENTURY

Con- tents

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Art & Design

NAME OF QUALIFICATION: A LEVEL ART & DESIGN: FINE ART, TEXTILES, 3D DESIGN, MOVING IMAGE, AND ILLUSTRATION
EXAM BOARD: EDEXCEL

How is the course assessed?

The course is assessed by a Personal Investigation worth 60% and Externally Set Assignment (ESA) worth 40%:

60% COURSEWORK: PERSONAL INVESTIGATION AND PERSONAL STUDY

- The Personal Investigation is a portfolio of practical work produced throughout LVI and the Michaelmas Term of the UVI. This is worth 48%.
- The Personal Study is a critical and analytical written piece of approximately 3000 words. It comprises 12% of the total qualification.
- Both the Personal Investigation and Personal Study themes are internally set by the School, and externally moderated by the examination board Edexcel.

40% EXAMINATION: EXTERNALLY SET ASSIGNMENT

- Incorporates two major elements: preparatory studies and the 15-hour period of sustained focus.
- The preparatory studies are produced throughout the Lent Term of UVI concluding with the 15-hour examination in the Summer Term of UVI.
- The Externally Set Assignment is externally set, assessed by the School, and externally moderated by the examination board Edexcel.

Course requirements:

We require a minimum of Grade 6 in Art and Design at GCSE. A Level work produced is expected to be presented to the same standard as a foundation course or higher.

Mathematical skills required:

Perspective, measurements, following patterns and an excellent understanding of 2D and 3D form is required.

Why study Art & Design?

Students who enjoy working hard, are creative, and have a genuine sense of enquiry would be well suited to this course. For those wishing to pursue a creative pathway e.g. jewellery design, furniture design, costume design, set design, fashion styling, film making, architecture, graphic design or illustration, an A Level in Art and Design is a great place to start. We enjoy the support of a Fashion Designer in

Residence, who is employed to organise the fashion show, and add additional skills to an already vibrant and exciting department. The biennial fashion show is an opportunity for all students to get involved with stage management, dressing, producing look books, or creating fashion films. Guest judges have included significant figures from the fashion industry including Models 1, fashion recruitment agencies, London College of Fashion, famous bloggers, fashion magazines, and fashion houses. A previous fashion show was co-directed by Stephen Lissemann, the former Creative Director for Gucci and Karl Lagerfeld.

Drawing & Recording:

Drawing is an essential skill for studying any subject within Art and Design. It forms a core element of the practice of artists and designers. Drawing in the context of this qualification can include drawing, film, and photography. All examination boards have put a greater emphasis on Drawing and Recording.

Critical and Contextual Knowledge and Understanding, including Annotations:

Important aspects of student progression is the application of critical and contextual knowledge, understanding, and an ability to express and justify ideas. Annotations are written notes that use specialist terminology and vocabulary relevant to the development of work as it is produced. All examination boards have put much greater emphasis on literacy skills.

Course Structure:

Throughout the first two terms in LVI, students follow a theme to produce a portfolio of work based on a foundation of workshops in drawing and painting, textiles and fabric manipulation, printmaking, and sculpture. In the Summer Term of LVI and the Michaelmas Term of UVI, students will specialise in their area of interest to develop another project independently. This area of specialism might be any of those listed above, and students will work with their Tutors who will help them identify their strengths. This project will also be the inspiration for the Personal Study, a written piece of approximately 3000 words. During this time, students will have a mock practical examination to prepare them for the external examination. In the Lent Term of UVI, students will be issued the Externally Set Assignment. This follows a similar format but will culminate in a 15 hour examination in the Summer Term of UVI.

Expectations and Commitment:

Independent study is an essential requirement. A high level of motivation is required to ensure that opportunities such as gallery visits, research opportunities, residential trips, and cultural events are pursued in order to evidence the maturity and conceptual thinking skills required to obtain a top grade.

Partnerships:

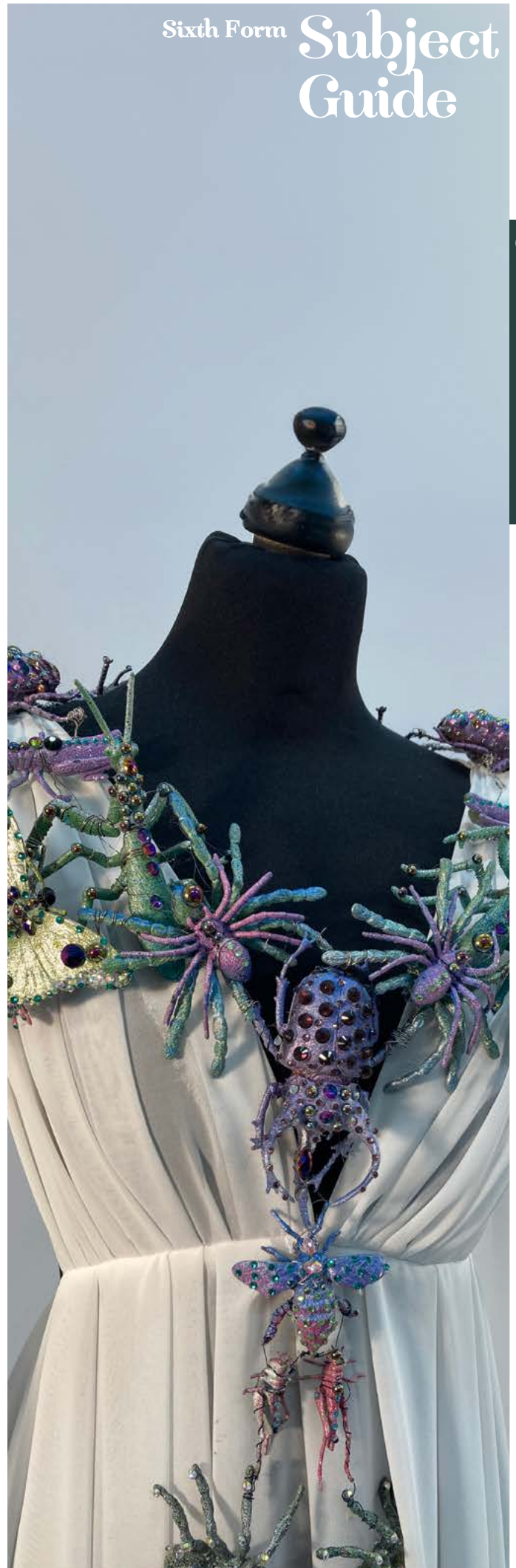
Falmouth School of Art at Falmouth University: In recognition of the exceptional standard of Fine Art produced at Heathfield, we are the first school in the UK to have entered into a Creative Partnership with this outstanding higher education provider. The ambitious and personalised delivery found within the art curriculum at Heathfield is closely aligned to the pedagogical practice employed on the degree programmes for both the BA Drawing and BA Fine Art courses at Falmouth. Harnessing the very best of innovative education at both institutions, the Art Department works in collaboration with Senior Tutors on the BA Fine Art and BA Drawing courses to enhance and extend current provision for Heathfield students. Opportunities include bespoke workshops, on/off-site visits, portfolio reviews, and degree level projects for students studying GCSE and A Level Art & Design and developing a first-class scholars programme.

Parsons Paris:

Heathfield are in a collaborative agreement with Parsons Paris which is the only agreement of its kind in existence in the world. It is in recognition of the exceptional standard of work produced in fashion and textiles. Students taking A Level Art and Design will have access to various talks and workshops put on by Parsons Paris and be offered a discount on summer programs they offer.

Alumnae & Progression:

Many have continued their studies at prestigious colleges such as at Central St Martins, London College of Fashion, Falmouth, Manchester, UCL, and Parsons in New York.



Biology

NAME OF QUALIFICATION: A LEVEL BIOLOGY

EXAM BOARD: AQA

How is the course assessed?

Biology A Level is assessed over three papers:

PAPER 1:

Any content from topics 1-4, including relevant practical skills (91 marks, 35% of A Level, 2 hours).

PAPER 2:

Any content from topics 5-8, including relevant practical skills (91 marks, 35% of A Level 2 hours).

PAPER 3:

Any content from topics 1-8, including relevant practical skills. Also includes synoptic essay worth 25 marks. (78 marks, 30% of A Level, 2 hours).

All examination papers require students to access at least Higher Tier GCSE Mathematics (or equivalent), and 10% of the marks across the papers are awarded for this.

There is no coursework, although students are required to complete 12 practicals, from which contents can be assessed in any of papers 1, 2 and 3. Records and evidence of their practical work and their competencies in each practical skill are required in order for them to gain their Biology practical endorsement. This will be recorded as a pass/fail alongside their final grade.

Course requirements:

Biology as a standalone GCSE Grade 6, preferably 7, or Combined Science award Grade 6-6. Maths at Grade 6 is also required.

Mathematical skill required?

Yes.

Why study Biology?

Advances in Biology have been spectacular in recent years. Research has cloned sheep, genetically engineered drugs such as insulin and wiped out smallpox. Biology is at the centre of issues that matter – should we allow human cloning? What do we think about research conducted on embryos? Does it make a difference eating genetically modified food? Is organic really better for you? Not a week goes past without Biology making the headlines in our newsletters. Studying Biology will develop the following skills:

- Application of knowledge
- Ability to analyse, interpret and evaluate scientific information, ideas and evidence

- Numeracy
- Ability to handle a variety of apparatus and to collect accurate data
- The development of a wide variety of practical techniques
- Ability to assess risk within practical context
- Graphing and processing of data
- Ability to communicate information and ideas through terminology and ICT in the context of findings of practical work
- Evaluation of the role of Science in the wider community

Course Content:

The following topics are studied at A Level:

- Biological molecules
- Cells
- Organisms exchange substances with their environment
- Genetic information, variation and relationships between organisms
- Energy transfers in and between organisms
- Organisms respond to changes in their internal and external environments
- Genetics, populations, evolution and ecosystems
- The control of gene expression

There will be an opportunity to go on a field trip to study Ecology.

What subjects can I take with Biology and what career could this lead to?

As well as Chemistry and Physics, Biology matches particularly well with Mathematics, Geography, Physical Education and Psychology.

A range of subjects is accessible at university with A Level Biology. Medical Sciences are very popular, such as Medicine, Veterinary Medicine, Nursing, Dentistry, Biomedical Science and Pharmacology. Other options include Marine Biology, Zoology, Botany, Forensic Science, Microbiology, Physiology & Biochemistry and Ecology.

A Level Biology is held in very high regard, as it is considered one of the most demanding A Levels you can take. It is also one of the most flexible A Level Sciences, as it can be matched with a wide range of other subjects.

Business

NAME OF QUALIFICATION: BUSINESS

EXAM BOARD: EDEXCEL

How is the course assessed?

Business A Level is assessed over three written papers:

PAPER 1:

Assesses marketing, people and global businesses. Questions will be drawn from Themes 1 and 4, and from local, national and global contexts. (35% of A Level, 2 hours)

PAPER 2:

Assesses business finance and operations, business decisions and strategy. Questions will be drawn from Themes 2 and 3, and from local, national and global contexts. (35% of A Level, 2 hours).

PAPER 3:

Assesses content across all four themes. Questions will be drawn from local, national and global contexts. The context will focus on a broad context, such as an industry or market in which businesses operate. The question paper will be in two sections. The first section will focus on the broad context provided. The second section will focus on at least one strand within the context provided, such as a particular business. Each section will contain unseen stimulus materials comprising quantitative and qualitative evidence. Students are required to apply their knowledge and understanding from Themes 1, 2, 3 and 4 and their understanding of the broad context to this evidence. (30% of A Level, 2 hours)

Course requirements:

Maths and English Grade 6 is recommended. It is not essential to have studied Business at GCSE.

Mathematical skill required?

Yes.

Why study Business?

A Level Business prepares students for a life in a business environment and gives experience of the world of work.

Students who study Business will gain the following skills:

- Communicating and explaining their ideas
- Exploring and presenting alternative courses of action
- Thinking strategically and making decisions
- Working with numbers to solve business problems
- Keeping up to date with national and international business news
- Learning about the world of business through research and investigation
- Problem solving including the ability to analyse and evaluate

- Calculations and interpretation of results
- Decision making
- Communication and team working skills

Course Content:

Business is a dynamic subject. Students will learn about the diverse nature of business enterprise and the interdependence of the various parts of the business world. They will explore business success and business failure, investigate local, national and global business markets and understand how businesses need to adapt and respond strategically to the changing environment in which they operate to survive and grow. This constant evolutionary process makes Business a fascinating subject.

In **Theme 1** and **Theme 2** students will learn about how businesses work. They will be introduced to the marketing and people functions before investigating entrepreneurs and business start-ups. They will also explore how business finance and operations work, and understand the impact of external influences.

Theme 3 and **Theme 4** move from functions to strategy. Students will explore influences on business strategy and decision-making, and understand how businesses mitigate risk and uncertainty. They will also explore global business and the opportunities and issues facing businesses in today's global world.

Through studying Business, students will develop transferable skills that will prepare them for studying at university or moving into the world of work. They will become skilled in making decisions, solving problems, applying numerical skills (including understanding finance and working with data) and understanding the business environment. They will also develop commercial awareness.

What further study and careers could Business lead to?

A Level Business could lead to further study in any Business, Economics or Accounting course. Other options for further study include:

- Business Management
- Accountancy and Finance
- Marketing
- Tourism Management
- International Business

Business students can also progress to a wide range of careers, such as banking, sales, product management and general management, to working in public sector organisations or charities.





Chemistry

NAME OF QUALIFICATION: A LEVEL CHEMISTRY

EXAM BOARD: AQA

How is the course assessed?

Chemistry A Level is assessed over three papers:

PAPER 1:

Inorganic Chemistry, relevant Physical Chemistry and associated practical skills (105 marks, 35% of A Level, 2 hours).

PAPER 2:

Organic Chemistry, relevant Physical Chemistry and associated practical skills (105 marks, 35% of A Level, 2 hours).

PAPER 3:

Any content from the whole two years, including relevant practical skills. Also includes a 30 mark multiple choice section. (90 marks, 30% of A Level, 2 hours).

All examination papers require students to access at least Higher Tier GCSE Mathematics (or equivalent), and at least 20% of the marks across the papers are awarded for this.

There is no coursework, although students are required to complete 12 practicals, from which content can be assessed in any of the papers. Records and evidence of their practical work and their competencies in each practical skill are required in order for them to gain their Chemistry practical endorsement. This will be recorded as a pass/fail alongside their final grade.

Course requirements:

Chemistry as a standalone GCSE Grade 6, preferably 7, or Combined Science award Grade 6-6. Maths at Grade 6 is also required.

Mathematical skill required?

Yes.

Why study Chemistry?

From the moment you are born, and throughout your life, you are surrounded by Chemistry - the air you breathe, the food you eat and the clothes you wear - they're all Chemistry. Chemistry is the study of substances: what they are made of, how they interact with each other, and the role they play in living things. Whether you want to care for penguin colonies in Antarctica or work in a dynamic business environment, Chemistry can help you. From research in space, to the depths of the oceans, Chemistry helps you understand the world around you and opens up lots of career opportunities.

A Level Chemistry will allow students to develop a wide range of skills including:

- Numeracy, analysis and problem-solving
- Awareness of ethical and environmental impacts
- Time management and organisation
- Interpretation and evaluation
- Teamwork and communication (written and oral)
- IT and technology
- Confidence in dealing with unfamiliar problems
- Understanding of the complexities, challenges and rewards of Chemistry
- Decision making

Course Content:

Section 1: Physical Chemistry 1

Section 2: Inorganic Chemistry 1

Section 3: Organic Chemistry 1

Section 4: Physical Chemistry 2

Section 5: Inorganic Chemistry 2

Section 6: Organic Chemistry 2

What further study and careers could Chemistry lead to?

Chemistry is essential or strongly preferred for studying Medicine, Dentistry, Pharmacy, Biochemistry, Biology, Geology, Food Science, Nutrition, and Dietetics, as well as Chemistry, Chemical Engineering and Pharmaceutical Sciences. Today there are many joint degrees for Chemistry with Management, Law, Economics and Languages. Chemistry is highly regarded as a suitable A Level for courses such as Law, Economics and Accountancy at leading universities as a good grade proves you have well-developed logic and analytical skills as well as the ability to learn and understand complex material. You will also have a clear understanding of many current and topical issues. Chemistry students are highly valued for their numerical, linguistic and analytical skills. A Chemistry qualification can take you almost anywhere.



Classical Civilisation

NAME OF QUALIFICATION: CLASSICAL CIVILISATION
EXAM BOARD: OCR

How is the course assessed?

Classical Civilisation A Level is assessed over three papers:

Greek Theatre

In this component, students demonstrate their knowledge and understanding of Greek Theatre, involving visual and material culture, and literature in translation. The examination covers any content from this topic and includes a 20-mark and a 30-mark essay (75 marks, 30% of A Level, 1 hour 45 minutes).

Greek Religion

In this component, students demonstrate their knowledge and understanding of Greek Religion, based on the study of literature in translation and visual/material culture. The examination covers any content from this topic and includes a 20-mark and a 30-mark essay (75 marks, 30% of A Level, 1 hour 45 minutes).

The World of the Hero

In this component, students demonstrate their knowledge and understanding of Homer's Iliad and Virgil's Aeneid. The examination involves any content from these topics and includes two 20-mark and one 30-mark essay (100 marks, 40% of A Level, 2 hours 30 minutes).

This course has no coursework.

Course requirements:

There are no specific subjects for GCSE which need to be taken in advance and GCSE Classical Civilisation is not needed to take up the study of the subject at A Level. Whilst there are no set minimum grade requirements, this is a reading and essay subject with the inclusion of literary and visual sources and would particularly suit those who enjoy English Literature, Drama, Art, History, History of Art and Religious Studies as well as Latin and Classical Greek.

Mathematical skill required?

No.

Why study Classical Civilisation?

- To read some of the greatest literature in Western civilisation which has shaped and formed our own literature
- To study some of the finest art and its techniques in Western civilisation, again which has shaped and formed our own

- To develop an interest in, and enthusiasm for, the literary, historical and cultural features of the ancient world
- To apply analytical and evaluative skills to the text, to make an informed and personal response to the material studied, and to develop a sensitive and analytical approach to language and literature generally

Course Content:

Greek Theatre:

The drama produced in the ancient Greek theatre forms some of the most powerful literature of the ancient world, and has had a profound and wide-reaching influence on modern culture.

To fully understand this cultural phenomenon requires study of not only the plays but the context in which their form and production developed. To foster this understanding, this component involves the study of the physical theatre space used by the Greeks to stage their dramas, and also depictions of this staging in the visual/material record.

This study of the production of Greek drama is coupled with an in-depth study of three plays, all of which have proven to be enduring favourites. The themes and concepts explored by these plays are of significant relevance and interest to the modern audience as well as that of the original performance.

The plays and material culture included in the specification provide learners with a range of interesting sources which will allow them to explore, evaluate and understand this aspect of ancient culture and its relevance to us today.

Greek Religion:

Religion was an essential part of ancient Greek identity, permeating all strata of society and all aspects of an individual's daily life. Religion could be connected to the household, to life in the city or life in the countryside; moreover, politics and religion were intertwined to the extent that political decisions were sometimes made on the basis of divine oracular intervention. Religion was also an important tool for the creation of local and Panhellenic identities, as well as of competition between the Greek city-states. Studying the practicalities of religious ritual, and the role it played in society, alongside the functions and layout of famous temple complexes, will make this component tangible for learners and help develop their sense of the central role religion played in everyday life.

Learners will also explore the nature of the gods and their relationship with mortals. Key to this is the depiction of the gods by Homer and Hesiod, whom Herodotus credited with giving the Greeks their first understanding of the characters and responsibilities of the gods. Also included are the very different roles played by Mystery Cults, and the tensions caused by the rise of philosophical thinking.

The World of the Hero:

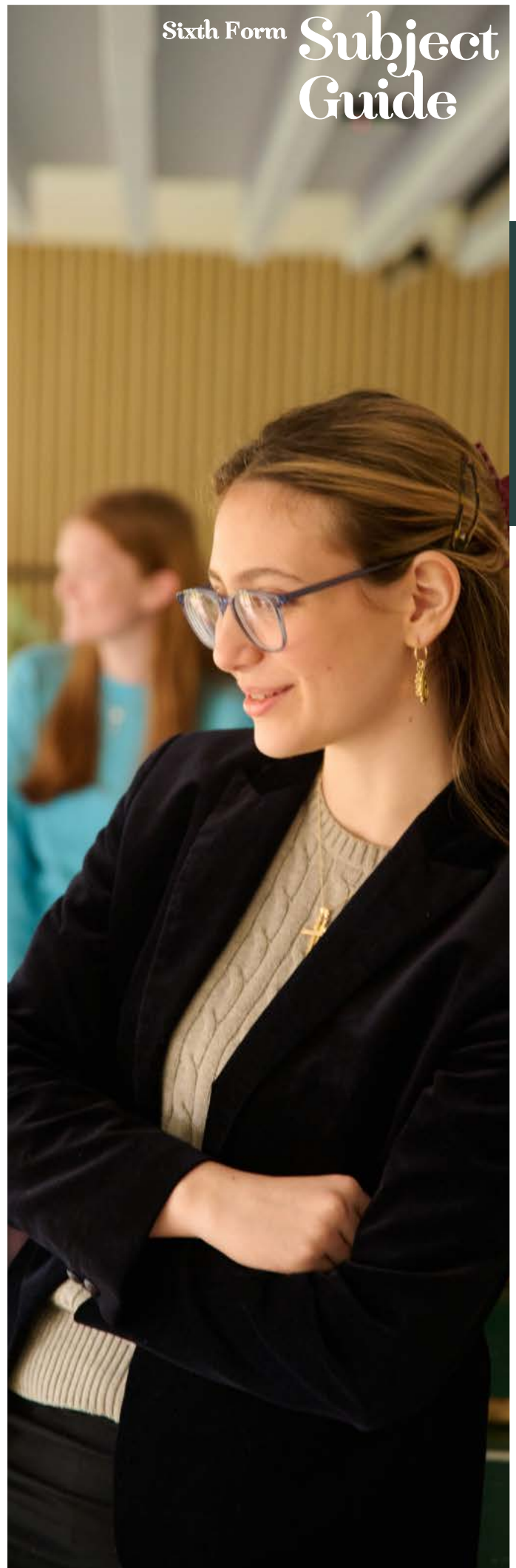
The poems of Homer were considered by the Greeks themselves to be a foundation of Greek culture, standing as they do at the beginning of the Western literary canon. This component provides learners with the opportunity to appreciate the lasting legacy of these works and to explore their attitudes and values. The epics of Homer, with their heroes, gods and exciting narratives, have been in continuous study since their conception, and remain popular with learners and teachers today. For the first year we will be studying Homer's Iliad which tells the story of the famous quarrel between the famous Greek heroes, Achilles and Agamemnon, during the Trojan War.

This component also provides learners with the opportunity to appreciate Virgil's Aeneid, a cornerstone and landmark in Western literature. Drawing inspiration from Homer, as well as from his own cultural and political context, Virgil explored what it was to be a hero in the Roman world and created a work which has proven enduringly popular. We will read this text during the second year of study.

Students will also be eligible for our Classics trip which tends to run once every two years; In 2014 we visited Athens and Delphi, while we explored Rome in 2016 and 2022.

What subjects can I take with Classical Civilisation and what career could this lead to?

As well as any degrees with Classical content, Classical Civilisation complements other text-based subjects such as English Literature and humanity subjects such as History, Politics, History of Art and Religious Studies. Because it provides a rich selection of subjects within its three modules, it would also suit those pursuing degrees in Art, Drama, Philosophy, Languages and many more. The knowledge learned will equip the student for any number of Classical and non-Classical courses at university and it is no surprise that many institutions are offering Classics taster courses to students studying European and British culture, History and Literature so that they can appreciate their subject in more depth. In terms of careers, a degree or A Level in a Classical subject does not limit one's choice of careers and they are highly valued by prospective employers.



Drama & Theatre

NAME OF QUALIFICATION: DRAMA & THEATRE

EXAM BOARD: EDEXCEL

How is the course assessed?

Three components:

COMPONENT 1:

Theatre Workshop.

Non-exam assessment: internally assessed and externally moderated by WJEC.

20% OF QUALIFICATION 60 MARKS

Learners are required to create a piece of theatre based on an extract from a text using the techniques and working methods of either an influential theatre practitioner or a recognised theatre company.

COMPONENT 2:

Text in Action.

Non-exam assessment: externally assessed by a visiting examiner.

(40%, OF QUALIFICATION 120 MARKS)

This component requires learners to engage with a stimulus to create two pieces of live theatre: one devised piece using the working methods and techniques of either an influential theatre practitioner or a recognised theatre company and one extract from a text in a different style to the devised piece.

COMPONENT 3:

Text in Performance.

Written examination: 2 hours 30 minutes.

40% OF QUALIFICATION 120 MARKS

In this component, learners are required to study two complete texts and one extract from a third contrasting text. The five texts studied for this qualification as a whole must represent a range of social, historical and cultural contexts.

Course requirements:

At least Grade 6 in GCSE English Literature and, although not a prerequisite, GCSE Drama is helpful.

Mathematical skill required?

No.

Why study Theatre Studies?

A Level Drama and Theatre is for students who enjoy reading and watching plays, and taking part in them, whether performing, directing or designing sets and costumes. It offers students the freedom to choose both the content and the form of their practical presentations. Students are given opportunities to be creative and to have interpretative freedom as well as inspiration and critical and practical skills for other subjects they may be studying.

- Students can attend any live theatre production and bring their experiences into class
- Written papers add rigour to the course and help ensure that students understand the way plays relate to their historical, social and cultural context
- Students develop confidence, team-building, communication and other life skills
- The work of significant theatrical practitioners is considered and students understand the connection between theory and practice

Students say that they like:

- The group work that is at the heart of this course
- The range of play choices – students study 5 throughout the course
- Being able to go to live theatre productions
- Having the skills to analyse and appreciate drama or theatre
- The opportunity to devise original works
- Being able to consider work by influential playwrights directors and theatre companies
- Developing skills that could help them in many different careers

What further study and careers will Theatre Studies lead to?

- Drama and Theatre Studies, Psychology, Media, Marketing, Event Management, Business
- Considered by many universities as a complement to Law and Humanities courses



Economics

NAME OF QUALIFICATION: ECONOMICS

EXAM BOARD: EDEXCEL

How is the course assessed?

Economics A Level is assessed over three written papers, 2 hours each:

PAPER 1:

Short-answer, data response and essay questions on markets and business behaviour – this is the content you study in Theme 1 and Theme 3. (100 marks, 2 hours, 35%).

PAPER 2:

Short-answer, data response and essay questions on the national and global economy – this is the content you study in Theme 2 and Theme 4. (100 marks, 2 hours, 35%).

PAPER 3:

The questions in the exam – data response and essay questions – cover concepts and theory from the whole course. (100 marks, 2 hours, 30%).

Course requirements:

A minimum of Grade 6 in GCSE Maths and English are recommended.

Mathematical skill required?

Yes.

Why study Economics?

Have you ever wondered why we can't have everything we desire? Why can't we just print money? What is the real economic impact of climate change? Or why is there so much poverty and inequality in the world? Well, the answer is simple: because of scarce resources! Actually, the answer is a lot more complicated than that, and this is why Economics is a 'real life' A Level that will teach you the answers to the above questions and so much more.

First of all, collective choices have to be made, impacting ourselves, our families, and the wider community. Each decision we make in society has a ripple effect, and Economics will teach you the consequences of the decisions made by established institutions like firms and the government.

Therefore, if you are interested in studying Economics at A Level, it will help you sharpen your ability to critically assess information and deliver well-structured arguments, as well as develop an enthusiasm for current affairs.

Extra-Related Economic activities

It is very important that the students are exposed to the 'real world'. Therefore, they will participate in the following activities to enhance their learning, they will:

1. Attend the POLECON conference in London, which features ten prestigious economic and political speakers.
2. Enter a well-known essay competition, such as those organized by LSE, UCL, or the Royal Economic Society.
3. Participate in the Gain Investment Challenge for six weeks during the second term.
4. Enter other economic competitions.

These activities provide vital opportunities to practice their theoretical knowledge and gain an in-depth understanding of the subject.

Students who study Economics will gain the following skills:

- Communicating and explaining their ideas
- Exploring and presenting alternative courses of action
- Thinking strategically and making decisions
- Working with numbers to solve problems
- Economics and business news
- Learning about the world through research and investigation
- Problem solving including the ability to analyse and evaluate
- Calculations and interpretation of results
- Decision making
- Communication and team working skills

Course Content:

Students use economic models to help them understand the complexities of the world around them, and use data to help them explore markets and economies and how governments try and influence both. Students are introduced to different perspectives, aspects of economic history and develop an understanding of economic issues.

In **Theme 1** students will learn about markets, how markets work and why markets fail, and how governments intervene to stop market failure.

In **Theme 2** students will learn about the UK economy – performance and policies, measures of economic performance, aggregate demand, aggregate supply, national income, economic growth, macroeconomic objectives and policy.

Theme 3 is about business behaviour and the labour market, business growth, business objectives, revenues, costs and profit, market structures, labour market, and government intervention.

Theme 4 concentrates on a global perspective. Topics studied include international economics, poverty and inequality, emerging and developing economies, the financial sector, and the role of the state in the macroeconomy.

What further study and careers could Economics lead to?

A Level Economics could lead to further study in any Economics, Econometrics, Business or Accounting courses.

Careers directly related to Economics include:

- Actuarial analyst
- Business related careers
- Chartered accountant
- Economist
- Financial risk analyst
- Forensic accountant
- Investment analyst
- Stockbroker





English Literature

NAME OF QUALIFICATION: ENGLISH LITERATURE
EXAM BOARD: OCR

How is the course assessed?

Two examinations and a portfolio of coursework.

PAPER 1:

Drama and Poetry pre-1900
(60 marks, 2 hours 30 minutes).

PAPER 2:

Comparative and Contextual Study
(60 marks, 2 hours 30 minutes).

All examinations are closed book.

COURSEWORK:

A creative writing task based on 'Home Fire', by Kamila Shamsie. (20% of the overall grade).

A comparative essay, where students develop their own question to examine poetry by Ocean Vuong or Maya Angelou and 'A Streetcar Named Desire', by Tennessee Williams.

Course requirements:

The following GCSE grades are required: English Language (6) and English Literature (6).

Mathematical skill required?

No.

Why study English Literature?

Students who enjoy reading and debating the deepest layers of meaning in novels, plays and poems will love the opportunity to enhance their awareness of a subject which changes the way we see ourselves and the world around us.

Students will engage with a range of novels, plays and poetry from different periods, considering issues such as the changing position of women, how religion and society inform our understanding of the world, and themes such as justice and human relationships.

English Literature is considered by universities as a

'facilitating' subject for Higher Education courses as it provides students with transferable skills such as independent thinking, critical analysis, essay writing and research skills.

Students develop their ideas through a combination of close textual analysis and imaginative insight. They develop an informed, personal response to the texts they are studying and can support their ideas with convincing arguments. They also engage with a variety of different critical interpretations of a text and learn how to evaluate the significance of historical, social and literary context.

Course Content:

- Women in Literature: 'Sense and Sensibility' by Jane Austen and 'Mrs Dalloway' by Virginia Woolf
- Drama and Poetry pre-1900: 'The Taming of the Shrew' by William Shakespeare, 'An Ideal Husband' by Oscar Wilde and 'The Merchant's Prologue and Tale' by Geoffrey Chaucer
- Coursework: 'Home Fire', by Kamila Shamsie; 'Night Sky with Exit Wounds' by Ocean Vuong or 'And Still I Rise' by Maya Angelou and 'A Streetcar Named Desire' by Tennessee Williams

The department provides a range of resources for students to develop their understanding of the subject, such as wider critical and contextual reading and the opportunity to attend theatre productions.

What further study and careers could English Literature lead to?

Students with this subject frequently go on to study Arts and Humanities subjects at university and pursue careers in areas such as Law, Journalism, Publishing and Teaching.

Extended Project Qualification

NAME OF QUALIFICATION: EXTENDED PROJECT QUALIFICATION (EPQ)

EXAM BOARD: AQA

How is the course assessed?

An internally assessed and externally moderated independent project which either takes the form of a 5000 word dissertation or an artefact and 1000 word essay. Additionally students give a 10 minute presentation.

Mathematical skill required?

No.

Why study for an EPQ?

An EPQ is graded from A* (70 UCAS points) to E (20 UCAS points) and so is worth half an A Level. It is a single piece of work of a student's choosing that requires evidence of planning, preparation, research, and independent learning.

The Extended Project offers opportunities for learners to:

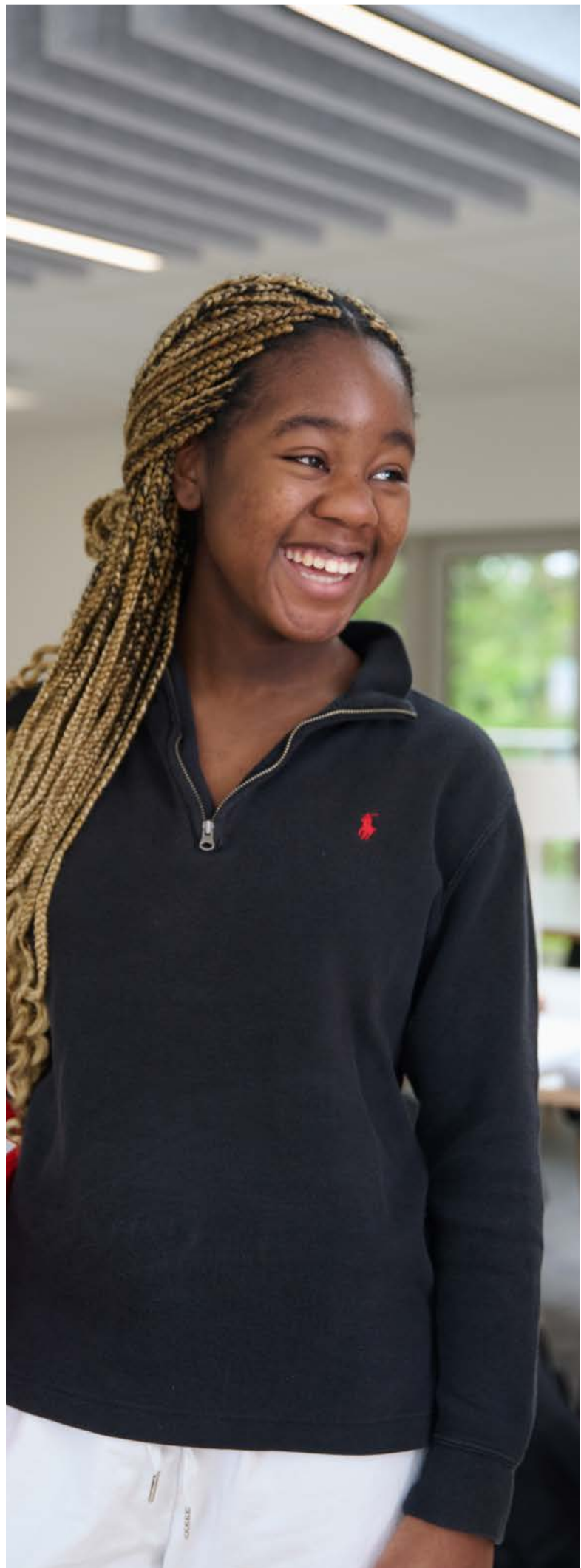
- Have significant input into the choice and design of an extended piece of work
- Develop and apply decision-making skills, problem-solving skills, initiative and enterprise
- Extend their planning, research, critical thinking, analytical, synthesis, evaluation and presentation skills
- Use their learning experiences to support their personal aspirations for higher education and career development

Course Content:

The course is composed of roughly 80 hours of independent study and up to 40 hours of taught skills. The skills that students develop through the EPQ are directly relevant to and useful for university-level study. Students can refer to the Extended Project in their UCAS personal statements and at interview demonstrate some of the qualities that universities are looking for.

Subjects it might lead to at University/College:

This is a highly regarded qualification to hold in conjunction with your A Levels. Increasingly, Admissions Tutors are making lower offers to students who have completed an EPQ and there is evidence to suggest that students who have completed the EPQ perform better in their degrees.



French

NAME OF QUALIFICATION: FRENCH

EXAM BOARD: AQA

How is the course assessed?

Three externally assessed examinations:

PAPER 1:

Listening, reading and translations into English and into French.
(50%, 2 hours 30 minutes).

PAPER 2:

Response to a question on a set text and a question on a set film.
(20%, 2 hours).

PAPER 3:

Oral examination:
(30%, 21 to 23 minutes - including 5 minutes preparation time).

For the oral, A Level students will prepare an individual project on a theme of their choice.

Course requirements:

French GCSE at Grade 7 minimum.

Mathematical skill required?

No.

Why study French?

Communication is essential in today's world. By studying a foreign language, students will not only be given the tools to communicate with people from other countries but will also be introduced to their culture, politics, customs and thoughts. Language learners agree that language proficiency facilitates better relationships with other countries and is undoubtedly helpful to their future.

Course content:

Social issues and trends Year 1 A Level:

Aspects of French-speaking society: current trends.

- The changing nature of the family
- The “cyber-society”
- The place of voluntary work

Year 2 A Level:

Aspects of French-speaking society: Current issues.

- Positive features of a diverse society
- Life for the marginalised
- How criminals are treated

Political and artistic culture Year 1 A Level:

Artistic culture.

- A culture proud of its heritage
- Contemporary francophone music
- Cinema: the 7th art form

Year 1 A Level:

Aspects of political life in the French speaking world.

- Teenagers, the right to vote and political commitment
- Demonstrations, strikes - who holds the power?
- Politics and immigration

What further study and careers could French lead to?

It can lead to a huge variety of degrees in Foreign Languages, Art, Social Sciences and Humanities, Science, Engineering and Medicine.



Geography

NAME OF QUALIFICATION: GEOGRAPHY
EXAM BOARD: AQA

How is the course assessed?

There are three components:
2 examinations and a geographical investigation.

PAPER 1:

Physical Geography written paper (120 marks, 40%, 2 hours 30 minutes).

PAPER 2:

Human Geography written paper (120 marks, 40%, 2 hours 30 minutes). 4,000 word fieldwork investigation.

ASSESSMENT:

Non-examined assessment (60 marks, 20%).

Course requirements:

Grade 6 or above in Geography GCSE is desirable.

Mathematical skill required?

Mathematical skills are important. Grade 5 in Maths GCSE is required for geographical skills and calculations with some statistics.

Why study Geography?

Geography is everywhere! Geography students hold the key to the world's problems.

“So many of the world’s current issues – at a global scale and locally – come down to geography, and need the geographers of the future to help understand them. Global warming as it affects countries and regions, food and energy security, the degradation of land and soils from over-use and misuse, the spread of disease, the causes and consequences of migration, and the impacts of economic change on places and communities.”

Michael Palin RGS.

Students are encouraged to understand their role in society by considering different viewpoints, values and attitudes.

Students will develop the following skills:

- Geographical – Cartographic, Graphical, Numerical, Statistical
- Thinking skills, Problem-solving, Decision-making and Evaluation
- ICT and Technology
- Time Management and Organisation
- Awareness of Ethical and Environmental impacts
- Thinking like a Geographer – aware of the bigger picture

Course Content:

A chance to explore the many relationships between people and the environment they occupy.

- Physical Geography – water and carbon cycles, coastal systems and landscapes, hazards
- Human Geography – global systems and global governance, changing places, contemporary urban environments
- A Geographical investigation defined and developed by the student

There are also opportunities for field trips which take place on a local, regional and international level.

What further study and careers could Geography lead to?

Geography BA or BSc, Physical or Human Geography, part of combined Honours e.g. with Politics, Climate Science, Hazard Management, Environmental Science or Geo-politics.

Geography students are highly valued for their numerical, analytical and decision-making skills. Many employers appreciate the knowledge and skills that geographers can provide eg GIS, Town and Transport planning, Chartered Surveying, Land and Water management, Sustainability, Environmental Consultancy, Development, Tourism, Conservation, Demography, Housing and Social Welfare, overseas development, as well as the Civil Service. A fifth of geographers go on to further study Teaching, Legal training, masters or doctorates. The Russell Group of Universities recognises Geography as a key “facilitating” subject for entry to degree-level study.

History

NAME OF QUALIFICATION: A LEVEL HISTORY

EXAM BOARD: EDEXCEL

How is the course assessed?

Three externally assessed examination papers:

PAPER 1:

Britain, 1625-1701: conflict, revolution and settlement (Option 1C). (30%, 2 hours 15 minutes).

PAPER 2:

France in Revolution: 1774-1799 (Option 2C). (20%, 1 hour 30 minutes).

PAPER 3:

Civil rights and race relations in the USA: 1850-2009 (39.1). (30%, 2 hours 15 minutes).

PAPER 4:

Coursework. One coursework assignment of 4,000 words. (20%).

All examinations are closed book.

Course requirements:

GCSE History Grade 6 or above.

Mathematical skill required?

No.

Why Study History?

A Level History is a fascinating course that shows you how modern Britain, France and the USA were all formed through their own particular experience of revolutions. It also enables students to complete a piece of research-based coursework to a standard approaching undergraduate level. In addition, having A Level History can open up a world of possibilities at university and beyond. The A Level History course gives practice in writing and literature skills and also provides contextual knowledge and research experience. Consequently, universities and employers look incredibly favourably upon applicants with A Level History. Many skills will be developed throughout the course including analytical and critical reasoning, oral and written communication and research skills.

Student extension activities and trips include revision conferences as well as a possible trip to France or the USA.

What further study and careers could History lead to?

- Accountancy and Finance
- Archaeology
- History (Modern and Ancient)
- Journalism
- Law
- Politics
- Sociology
- Teaching
- Tourism

A Level History on a CV shows that a student has practised a number of key transferable skills much sought after by universities and employers, such as analysing, synthesising, reasoning, decision making, active listening, oral communication and written communication.

In the guide, Informed Choices, produced by the Russell Group of leading UK universities, History is listed as one of only eight 'facilitating' subjects that open up a wide range of options for university study. It is regarded by universities as one of the premier academic subjects.





Latin

NAME OF QUALIFICATION: LATIN

EXAM BOARD: OCR

How is the course assessed?

Latin Year 1 is assessed over two papers:

PAPER 1: LANGUAGE

Students demonstrate their knowledge of the defined vocabulary list and the prescribed accidence and syntax in an unseen translation, and an additional comprehension or English to Latin translation task.

(80 marks, 50% of AS Level, 1 hour 30 minutes).

PAPER 2: LITERATURE

Students demonstrate their knowledge of one prose set text and one verse set text and a small amount of literature in translation so that they understand the context from where the set texts have been taken

(80 marks, 50% of AS Level, 2 hours).

Latin Year 2 is assessed over four papers:

PAPER 1: UNSEEN TRANSLATION

Students demonstrate their knowledge of the vocabulary and linguistic structures used by Livy and Ovid, both hexameters and elegiacs (100 marks, 33%, 1 hour 45 minutes).

PAPER 2: ENGLISH TO LATIN/ COMPREHENSION

Students demonstrate their detailed understanding of Latin vocabulary and linguistic structures through either: translating unseen material from English into Latin; or comprehension and grammar questions

(50 marks, 17%, 1 hour 15 minutes).

PAPER 3: PROSE

Students demonstrate their understanding of two prose set texts, as well as additional literature in translation so that they understand the context from which the set texts have been taken (75 marks, 25%, 2 hours).

PAPER 4: VERSE

Students demonstrate their understanding of two poetry set texts, as well as additional literature in translation so that they understand the context from which the set texts have been taken (75 marks, 25%, 2 hours).

This course has no coursework.

Course requirements:

Grade 6 or above in GCSE Latin.

Mathematical skill required?

No

Why study Latin?

- To read some of the greatest literature in its original form to obtain its full sense, meaning and tone
- To acquire language skills in Latin which can be transferred to the learning of other languages as well as giving students an informed grammatical perspective of the English language
- To develop an interest in, and enthusiasm for, the literary, historical and cultural features of the ancient world
- To apply analytical and evaluative skills to the Latin text, to make an informed and personal response to the material studied and to develop a sensitive and analytical approach to language and literature generally
- To develop skills of logic and reasoning in deciphering a language with a very different cognitive process from our own

Course content:

Pupils acquire a high standard of Latin through translation, comprehension or composition practice. They study both verse and prose literature through set text passages, which change every two years. Previously studied authors include:

Prose: Cicero, Pliny, Seneca and Tacitus.

Verse: Ovid, Propertius, Tibullus and Virgil.

The authors selected cover a variety of literary genres, from the Epic poetry of Virgil, the passionate and at times amusing poetry of Ovid to the legal and philosophical treatises of Cicero and Seneca. The range of passages studied offers plenty of scope for literary comparison and appreciation, as well as the opportunity to explore key values and pivotal moments in Roman history, such as the foundation of the Roman Empire.

Whilst the AS examination has a prescribed vocabulary list, A Level pupils learn vocabulary through their experience of reading Roman authors. Working out the meaning of unknown words from their context enhances lateral thinking skills. The development of analytical skills is further encouraged in the composition component of the course, in which pupils showcase their understanding of key structures in Latin grammar by actively constructing sentences.

Students are eligible for our Classics trips to Greece or Rome. Previous trips include a visit to Athens and Delphi in Greece and Rome.

What subjects can I take with Latin and what career could this lead to?

Latin complements not only subjects with a classical content, but also humanities, modern languages and literature studies. Students thinking of studying law, medicine or other sciences often favour the subject, as much of the terminology used in these subjects is derived from Latin. Moreover, many universities regard high achievement in the subject as a reliable indicator of academic ability, which makes it a desirable A Level. Latin is also a varied subject as it encompasses literature, history, politics, theology and art and would suit pupils with diverse interests who feel limited by three A level subjects.

An A Level or degree in Latin is highly valued by prospective employers in a wide range of professions that require clear communication, critical assessment of sources, attention to detail and logical thinking, such as Law, Journalism and Computing.

Leiths

NAME OF QUALIFICATION: LEITHS CONFIDENT COOKERY CERTIFICATE COURSE

EXAM BOARD: LEITHS SCHOOL OF FOOD AND WINE

How is the course assessed?

PRACTICAL EXAMINATION (2 hours 30 minutes)

Specified dishes cooked to the required standard under timed conditions.

CONTINUOUS ASSESSMENT

Cooked dishes, time plans and a menu planning assignment are assessed.

Course requirements:

There is no requirement for specific GCSEs, however the professional nature of the course requires consistent effort and full attendance.

Mathematical skill required?

No.

Why study Leiths?

'Before I learnt to cook, I opened the kitchen cupboard and saw meaningless ingredients, now I see food.....'

Leiths School of Food and Wine is one of the most prestigious and respected cookery schools in the country. We are delighted to be able to offer our Sixth Form students the opportunity to study the Leiths Introductory Certificate in Confident Cooking. This course is designed for the interested amateur cook as well as the potential professional chef. Students will be shown a wide range of professional practical cooking methods and taught the associated theory. The primary aim is to provide them with a vital life skill for independent living which could also open up areas of possible employment. Students will gain the confidence to become proficient in family cooking and entertaining, learn to interpret and follow recipes, manage time efficiently, and work in an organised manner.

Students are encouraged to cook and experience a range of ingredients and explore different cooking techniques to produce dishes that have a modern twist. The principal techniques and methods covered include knife skills, meat and vegetable preparation, filleting fish, roasting, stewing, marinating, steaming, batters, the making of classic sauces, pasta and rice dishes, the use of gelatine, caramel, mousses, ice creams, meringues, tarts, bread, various pastries and cakes, as well as decorating and icing skills.

Course Content:

Students write a time plan for each practical session, complete a menu planning exercise, follow healthy eating guidelines, develop an awareness of what to look for when buying ingredients, and learn the basic theoretical principles associated with the cooking techniques.

Sample recipes include:

Chicken Supreme with Tarragon Sauce
Duck Breasts with Plum & Teriyaki Sauce
Sticky Ribs with Cajun Spiced Potato Wedges
Harissa Lamb Steaks with Spinach & Chickpeas
Za'atar Prawns with Couscous
Sea Bass en Papillote with Tomato & Fennel
Sushi Rolls with Chilli & Soy Dipping Sauce
Double Gloucester & Chives Tart
Cheese Soufflé
Butternut Squash Risotto with Parmesan Crisps
Thai Lettuce with Fried Tofu & Chilli Lime Dressing
Sundried Tomato & Olive Bread
Individual Apple Tarts with Chantilly Cream
Orange & Ginger Tiramisu
Pavlova with Raspberry Coulis
Orange & Pineapple Citrus Fruit Salad
Chocolate Roulade
Victoria Sponge
Christmas Cake

Leiths provide all the course material, termly visits to see how students are progressing, and substantial behind-the-scenes support.

At the end of the course, the students take a practical examination set by Leiths and successful candidates are awarded a graded Leiths Certificate in Confident Cooking.

Students also complete a Level 2 Food Safety and Allergens Awareness Award which along with the Certificate can be used to find employment in a variety of family level cooking roles, through the agency, 'Leiths List'. Should they decide to take up cooking professionally they would be eligible for the Diploma course at Leiths School of Food and Wine which could open doors to a wide range of opportunities within the industry.

What further study and careers could Leiths lead to?

Food and Nutritional Sciences; Culinary Arts and Professional Cookery; Catering and Hospitality; Food Photography; Events Management; Food Journalism; Recipe Development.



Mathematics

NAME OF QUALIFICATION: A LEVEL MATHEMATICS

EXAM BOARD: EDEXCEL

How is the course assessed?

A Level Mathematics is assessed by three papers:

PAPER 1:

Pure Mathematics 1

(100 marks, 33.33% of A Level, 2 hours)

PAPER 2:

Pure Mathematics 2

(100 marks, 33.33% of A Level, 2 hours)

PAPER 3:

Applied - Mechanics and Statistics

(100 marks, 33.33% of A Level, 2 hours)

All papers allow the use of a calculator.

Course requirements:

At least a Grade 7 in GCSE Mathematics.

Mathematical skill required?

Yes.

Why study Mathematics?

Mathematics is a fascinating subject and there is so much more to learn about it past the level of GCSE. If students enjoy learning Mathematics and the way that it demands a very different set of skills compared to other subjects then they will find A Level Mathematics very rewarding. Other than enjoying the subject and a desire to learn more, there

are other practical reasons to study Mathematics in terms of the opportunities it offers once the course is completed. It is either highly desirable or essential for university courses such as Accountancy, Economics, Engineering, Architecture, Business, Physics, Chemistry, Psychology and Medicine. Even for university courses or careers that do not relate to Mathematics, the A Level is viewed highly due to the unique skills it develops and the complexity of the course. Studying A Level Mathematics will improve the ability to think logically and understand abstract concepts. It will also help to communicate ideas mathematically and present reasoning in an ordered and concise manner.

Two excellent books that may give students an insight into why people wish to study Mathematics for the beauty and intrigue of the subject are 'Fermat's Last Theorem' by Simon Singh and 'The Music of the Primes' by Marcus Du Sautoy.

Course Content:

By its nature, Mathematics often has clear real world applications and at other times can appear to be quite abstract. A Level Mathematics reflects these two qualities by combining Applied modules, Mechanics and Statistics, (which use Mathematics to solve real life problems), with Pure modules; Pure Mathematics 1 and 2, which focus on the underlying tools and discoveries of Mathematics such as Algebra, Trigonometry, Calculus and Proof.

What further study and careers could Mathematics lead to?

STEM, Medicine or Economics.



Further Mathematics

NAME OF QUALIFICATION: FURTHER MATHEMATICS

EXAM BOARD: EDEXCEL

How is the course assessed?

A Level Further Mathematics is assessed by four papers:

PAPER 1:

Core Pure Mathematics 1
(75 marks, 25%, 90 minutes)

PAPER 2:

Core Pure Mathematics 2
(75 marks, 25%, 90 minutes)

PAPERS 3 AND 4:

Two options from the following 8 options

- Further Pure 1
- Further Pure 2
- Further Statistics 1
- Further Statistics 2
- Further Mechanics 1
- Further Mechanics 2
- Decision 1
- Decision 2

Each paper (75 marks, 25%, 90 minutes)

All papers allow the use of a calculator.

Course requirements:

Students should have gained a Grade 9 in GCSE Mathematics if they wish to study A Level Further Mathematics. They must also be studying A Level Mathematics.

Mathematical skill required?

Yes.

Why study Further Mathematics?

A Level Further Mathematics is a challenging and rewarding course that offers the opportunity to study a vast variety of topics within Mathematics. Students will develop a wide range of skills as they progress through the course which can be applied to their future studies of many different subjects. The course also offers a unique opportunity to study the fascinating topic of Proof in greater depth and also gives an insight into many more applications of Mathematics, such as the Mathematics used in the business world as well as further applications of the subject in Physics and Statistics.

A Level Further Mathematics is an excellent choice for someone who wishes to study Mathematics, Statistics, Physics or Engineering at university. Some of the harder content of the course is equivalent to the topics covered during the first year of a Mathematics degree and therefore it is excellent preparation if students intend to study Mathematics in the future. As with A Level Mathematics, this course will improve the ability to think logically and understand abstract concepts. It will also help to communicate ideas mathematically and present reasoning in an ordered and concise manner.

Course Content:

A Level Further Mathematics is made up of four modules; two compulsory modules cover Pure Mathematics and the other two optional modules cover Pure or Applied Mathematics. All modules build upon the topics covered in A Level Mathematics. In addition to the preparation for A Level Mathematics, students may also wish to read “Q.E.D. Beauty in Mathematical Proof” by Dr Burkard Polster or borrow one of the many books from the Mathematics department library.

What further study and careers could Further Mathematics lead to?

STEM subjects.

Music

NAME OF QUALIFICATION: A LEVEL MUSIC
EXAM BOARD: OCR

How is the course assessed?

Three units comprising videoed recital, coursework and a written paper.

UNIT 1:

10 – 12 minute videoed recital (35%).

UNIT 2:

Two coursework compositions (25%).

UNIT 3:

Written Examination (40%, 2 hours 30 minutes).

Course requirements:

GCSE Music Level 7 or above.

Mathematical skill required?

No.

Why study Music?

This subject will foster a real love and understanding of music within students through the study of great masters, writing compositions, developing aural awareness and building upon performing skills. However, music cannot be studied in isolation and other subjects including philosophy, culture and religion are also discussed.

“The advantage of Music A Level is that curricular and extra-curricular music often overlap. Lessons are relaxed but challenging and it is really a case of learning a new thing every day. Composition is hard work, but you get a real sense of achievement when you have worked so hard on something and you are pleased with the outcome.”

A Level student

Course content:

Unit 1: A video recording accompanied by a verbal or written explanation of the pieces chosen.

Unit 2: Two coursework compositions:

- One to a brief set by OCR.
- One to a brief written by the student.
- Combined duration at least 4 minutes.

Unit 3: Written Examination (2 hours 30 minutes).

Area of Study 1: Instrumental Music of Haydn, Mozart and Beethoven.

Area of Study 2: Popular Song: Jazz, Blues, Swing and Big Band.

Candidates choose two further areas of study from a choice of six as follows:

Area of Study 3: Developments in instrumental Jazz 1910 to the present day.

Area of Study 4: Religious Music of the Baroque Period.

Area of Study 5: Programme Music 1820 – 1910.

Area of Study 6: Innovations in Music 1900 to the present day.

Other requirements:

Grade V Associated Board Theory.

Harmony work will be studied during the LVI year, but is non-examined.

Music students are expected to participate weekly in one of the ensembles, such as Choir or Orchestra. There is a biennial European Choir Tour to which all students are invited, provided they attend Choir or Orchestra on a regular, weekly basis.

What further study and careers could Music lead to?

Music A Level is excellent preparation for Music Degrees in Performing, Composing and Historical and Analytical Studies. Music graduates may become Teachers, Arts Administrators, Music Publishers, Performers, Music Therapists, Instrument Repairers, Music Journalists, Radio or Television Producers, Army Musicians or Sound Engineers, amongst other career options.

Photography

NAME OF QUALIFICATION: A LEVEL PHOTOGRAPHY

EXAM BOARD: AQA

How is the course assessed?

COMPONENT 1:

Coursework.

COMPONENT 2:

Externally Set Assignment.

Course requirements

There is no requirement to have studied GCSE Art & Design or GCSE Photography.

Skills required?

A basic understanding of Mathematics alongside competent English Language skills.

Why study Photography?

- The subject bridges art, design and science subjects
- You can obtain life skills that can be transferred for use in years to come
- The subject contains more depth and skill than some may initially realise
- Each student is encouraged to start 'seeing' instead of just 'looking'
- Photography crosses over with many other subjects such as Art, Science, History, Politics, Psychology, Drama, English
- The subject explores social, moral, cultural and spiritual issues within personal topic choices
- The course is based on independent learning and students personal choices of exploration
- There are practical, written and technical aspects to the course which will suit everyone
- Photography offers a chance to be creative without drawing or painting
- The subject is ideal for everyone of all abilities and interests
- The course could lead to many different careers

Photography students regularly achieve A* - B grades due to dedication, hard work and enjoyment of the subject. It is a strong and popular subject.

By studying Photography students will develop the following skills:

- Independent learning
- Critical understanding
- Analytical skills
- Formal language
- Essay writing
- Personal choices and responses
- Research methods
- Peer / self-assessment opportunities
- Students have an opportunity to work with digital imaging, traditional film techniques and film and video making

Course Content: Introductory Project:

Skills based and teacher led, this unit is predominantly practical and core skills needed to complete the course are taught. Students will learn many important techniques including camera controls, properties of different camera types, traditional darkroom methods, digital imaging including post-production techniques and experimentation methods to enhance the meaning of their work. A theme is provided on which students will base their practical work.

COMPONENT 1: PERSONAL INVESTIGATION 60%


Component 1 continues to be skills based and teacher led during the initial stages of the unit. Students work independently in an area of personal interest and as the unit progresses, investigate further techniques and methods to include within their work. Each student will also submit a 3,000 word investigation that links with their chosen theme alongside preparatory, exploratory evidence and supporting portfolio images.

COMPONENT 2: EXTERNALLY SET ASSIGNMENT 40%

Component 2 is an independent project which is based on the students personal choice of theme and genre taken from the list of topics supplied by the examination board. Students will complete a 15 hour examination submitting experimental evidence developing as a final project.

Outside the classroom:

There are also opportunities to apply for Photography Prefect or Scholar positions that strengthen leadership, initiative and organisational skills. Students will also learn advanced techniques and methods that will not be taught in the classroom.

- 
- All students will have the chance to enter national photographic competitions
 - Students will have an opportunity to participate in trips to London galleries to gather Primary Research
 - Students will have an opportunity to join a residential trip, domestic or abroad

What further study and careers could Photography lead to?

After A Level Photography, there are many BA (Hons) Photography courses that could be considered in many different genres of photographic interest. However, with a Photography A Level all other creative courses can also be considered.

There are also many careers that could be pursued after studying Photography to degree level: Graphic designer, Magazine features editor, Medical illustrator, Photographer, Press photographer, Television camera operator, Advertising art director, Digital marketer, Film director, Film/ video editor, Media planner, Multimedia specialist, Stylist, Visual merchandiser, Web content manager, Web designer.

Many universities welcome Photography as a subject where you need to problem-solve and 'think outside the box' even if applying for a non-related subject (Check with preferred universities first).



Physical Education

NAME OF QUALIFICATION: PHYSICAL EDUCATION
EXAM BOARD: OCR

How is the course assessed?

Three externally marked written papers and a practical assessment:

Physiological factors affecting performance
(30%, 2 hours).

Psychological factors affecting performance
(20%, 1 hour).

Socio-cultural issues involved in physical activity (20%, 1 hour).

Practical Assessment in chosen sport plus an evaluation and analysis of performance (30%).

Course requirements:

Ideally (although not essential) GCSE PE minimum Grade 6.
Biology / Science Grade 5 (if no GCSE PE).
Practically competent in one sport (1st team level or equivalent).

Mathematical skill required?

No.

Why Study PE?

This course will equip learners with both a depth and breadth of knowledge, understanding and skills relating to scientific, socio-cultural and practical aspects of physical education. Learners will be enabled to critically analyse and evaluate their physical performance and apply their experience of practical activity in developing their knowledge and understanding of the subject, preparing them for the further study of PE or Sports Science courses as well as other related subject areas such as Psychology, Sociology and Biology.

Course content:

COMPONENT 01: PHYSIOLOGICAL FACTORS AFFECTING PERFORMANCE

Students gain a deeper understanding of key systems in the body and how they react to changes in diet and exercise. They also study the effects of force and motion on the body and how they can be used to our advantage.

There are three topics:

- Applied anatomy and physiology
- Exercise physiology
- Biomechanics

COMPONENT 02: PSYCHOLOGICAL FACTORS AFFECTING PERFORMANCE

Students study the models and theories that affect learning and performance in physical activities, how different methods of training and feedback work and why their effectiveness differs from person to person. They also explore the psychological factors that affect group dynamics and the effects of leadership and stress.

There are two topics:

- Skill acquisition
- Sports psychology

COMPONENT 03: SOCIO-CULTURAL ISSUES IN PHYSICAL ACTIVITY AND SPORT

This component focuses on the social and cultural factors that have shaped sports over time, and their influences on physical activity. Students consider the impact of hosting a global sporting event such as the Olympic Games, and the influence of modern technology on both the performer and the spectator of contemporary sport.

There are two topics:

- Sport and society
- Contemporary issues in physical activity and sport

COMPONENT 04: PERFORMANCE IN PHYSICAL EDUCATION

Students are assessed in the role of either performer or coach in one practical activity. They are required to demonstrate effective performance, the use of tactics or techniques and the ability to observe the rules and conventions under applied conditions.

Students are also assessed in the Evaluation and Analysis of Performance for Improvement (EAPI). They observe a live or recorded performance by a peer and provide an oral analysis and critical evaluation of their peer's performance.

What further study and careers could PE lead to?

Sports Coaching, Sports Science, Teaching, Physiotherapy, Sports Psychology, Fitness Trainer or Instructor, Sports Management, Sports Journalism.

Physics

NAME OF QUALIFICATION: PHYSICS

EXAM BOARD: AQA

How is the course assessed?

A Level Physics is assessed over three papers:

PAPER 1:

What's assessed?

Sections 1 – 5 and 6.1 (Periodic motion).

Written exam: (34%, 2 hours).

A mixture of short and long answer questions plus multiple choice questions.

PAPER 2:

What's assessed?

Sections 6.2 (Thermal Physics), 7 and 8.

Assumed knowledge from sections 1 to 6.1.

Written exam: (34%, 2 hours).

A mixture of short and long answer questions plus multiple choice questions.

PAPER 3:

What's assessed?

Section A: Compulsory section: Practical skills and data analysis.

Section B: Students enter for one of sections 9, 10, 11, 12 or 13.

Written exam: (32%, 2 hours).

A mixture of short and long answer questions on practical experiments and data analysis.

A mixture of short and long answer questions on an optional topic.

Course requirements:

GCSE Combined Science Grades 7-7 or GCSE Physics Grade 7 and GCSE Mathematics Grade 7. It is strongly recommended that students take A Level Mathematics alongside A Level Physics.

Mathematical skill required?

Yes.

Why Study Physics?

Physics is an extremely interesting subject where we start to answer the questions left behind from GCSE study; can we get things smaller than electrons? What happens in a black hole? Can you travel faster than light? Due to the inquisitive nature of scientists and Physicists, this is a highly valued post-16 subject. Through the study of Physics, skills such as logical thought, reasoned arguments, problem solving, numeracy, development of ideas and concepts are advanced. Importantly, these are transferable skills and equip students for further study, employment and for understanding the changing world in which we live.

What further study and future careers could Physics lead to?

Here is a small selection of careers available to students who study Physics:

- Electronics, Communications, Space and Avionics
- Law, Accountancy and Finance
- Medicine and Veterinary Science
- Environment, Architecture and Civil Engineering
- Transport and Mechanical Engineering
- IT, Media, Sound and Vision Technology Education
- Sports Science and Biomechanics
- You decide! Something which doesn't exist yet

Course Content:

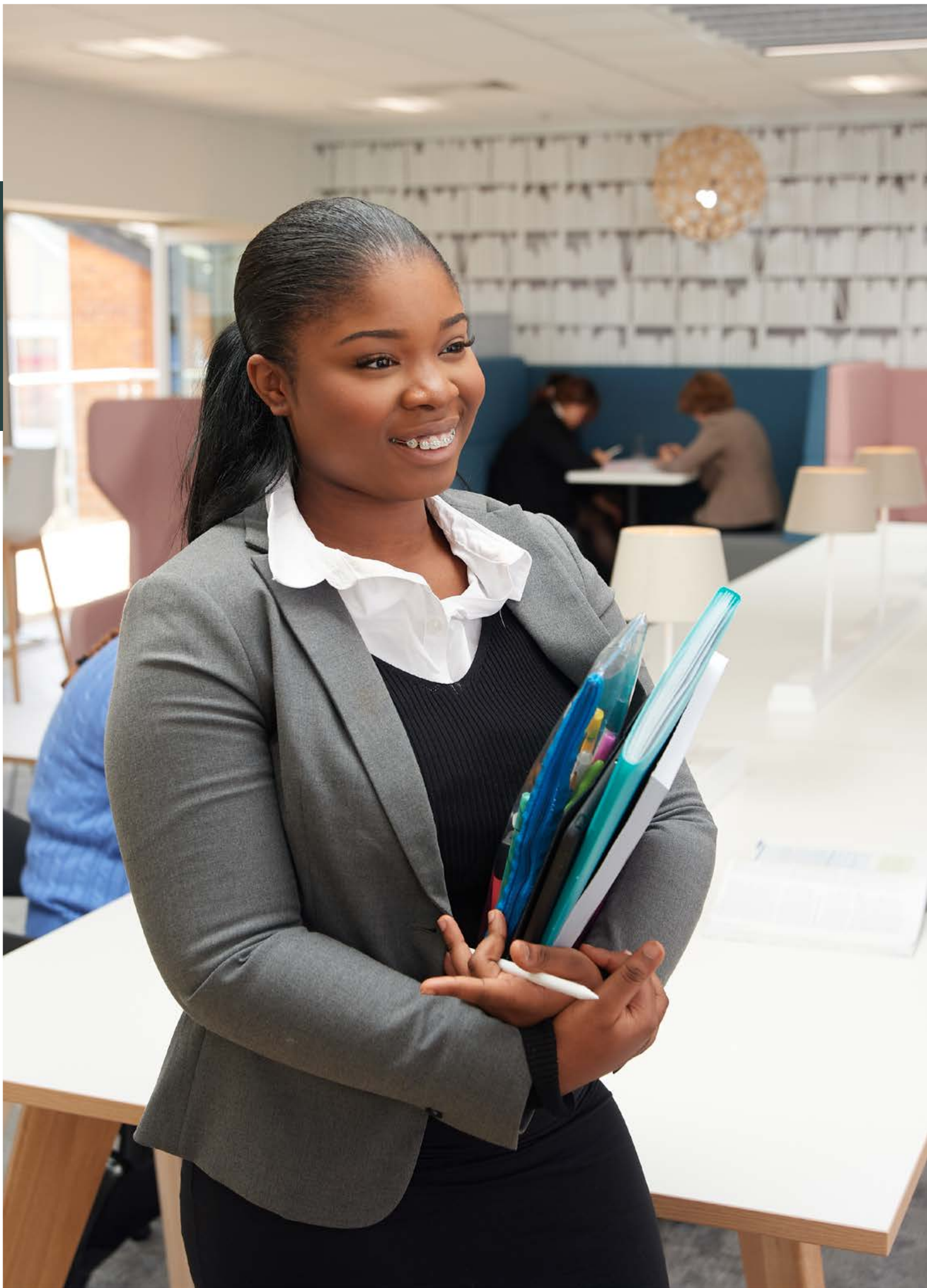
CORE CONTENT: TOPICS 1 TO 5 AS AND A LEVEL
TOPICS 6 TO 8 A LEVEL ONLY

1. Measurements and their errors
2. Particles and radiation
3. Waves
4. Mechanics and materials
5. Electricity
6. Further mechanics and thermal physics
7. Fields and their consequences
8. Nuclear physics

Options: A Level only

- Astrophysics
- Medical physics
- Engineering physics
- Turning points in physics
- Electronics





Politics

NAME OF QUALIFICATION: A LEVEL POLITICS
EXAM BOARD: EDEXCEL

How is the course assessed?

Three externally assessed examination papers:

COMPONENT 1: UK POLITICS

COMPONENT 2: UK GOVERNMENT

COMPONENT 3: COMPARATIVE POLITICS

Each paper is 2 hours long.

Course requirements:

English Language Grade 6.

Mathematical Skill required?

No.

Why study Politics?

Politics affects everything we do in life and this A Level course takes a look at the major functions of government and politics in the UK and beyond. During the Lower Sixth year, students study political participation, including democracy, political parties, electoral systems, voting behaviour and the media. They also study core political ideas such as conservatism, liberalism and socialism. Along with this, they will look at UK Government, including the constitution, parliament, Prime Minister and executive and relations between branches of government. They will also study one of the following ideas: anarchism, ecologism, feminism, multiculturalism or nationalism.

During the Upper Sixth year, students study the US Constitution and federalism, Congress, Presidency, Supreme Court, civil rights, democracy and participation and comparative theories. This is a subject where candidates

get to practise skills of explanation, analysis, synthesis and evaluation to a high level. Consequently, it is well regarded by both universities and employers. The study of Politics will develop the following skills: analytical and critical reasoning, oral and written communication, and research skills.

Extension activities and trips include revision conferences as well as possible trips to Parliament and Washington, DC.

What further study and careers could Politics lead to?

Subjects it might lead to at university or college include:

- Advertising
- History
- International Relations
- Journalism
- Law
- Media Studies
- Philosophy
- Politics
- Sociology

A Level Politics on a CV shows that a student has practised a number of key transferable skills much sought after by universities and employers such as analysing, synthesising, reasoning, decision making, active listening, oral communication and written communication.

This course is highly regarded by universities as it helps to produce well informed students capable of independent thought.

Psychology

NAME OF QUALIFICATION: PSYCHOLOGY

EXAM BOARD: AQA

How is the course assessed?

Three papers, each 2 hours, a mixture of multiple choice, short answer and extended essay answers required.

Course requirements:

A minimum of Grade 5 in GCSE Maths, English and Biology.

Mathematical skill required?

Yes.

Why study Psychology?

It is directly applicable to students' lives and there are elements of Psychology in any job. It gives a good insight into working with people and what drives human behaviour. It is fascinating and will even help students to become a better learner. As well as giving a grounding in the scientific method, Psychology is unique in that there is also an art to expressing ideas through essay writing as well as maintaining and developing mathematical and scientific skills.

Course Content:

In the first year, topics include memory, attachment, social influence, psychopathology, approaches, bio psychology and research methods. In year two, topics are selected from a choice including gender, schizophrenia, and forensic

psychology. Issues and debates in Psychology such as nature versus nurture are also examined, with plenty of opportunities for group discussions.

The subject involves developing a mixture of skills such as critical thinking, evaluation and other higher order thinking skills, as well as essay and report writing, presentations, use of maths and statistics, and scientific investigation.

What further study and careers could Psychology lead to?

Psychology is a hugely popular subject that has grown substantially in recent years. It is one of the most popular A Levels in the UK and is regarded as a Science when applying to the majority of universities.

Psychology supports applications for almost any science-based university course and an equally wide range of humanities courses. Psychology develops the transferable skills and key skills that employers are looking for and can lead to a very wide range of employment opportunities from forensic to sports psychology.

Extension activities include Criminology club which provides an opportunity to investigate topics of personal interest to students and discuss them further.

Religion, Philosophy and Ethics

NAME OF QUALIFICATION: PHILOSOPHY OF RELIGION AND RELIGIOUS ETHICS EXAMINATION

EXAM BOARD: OCR

How is the course assessed?

There will be three papers containing essay questions.

PAPER 1:

Philosophy of religion (01) (120 marks, 33.3% 2 hours).

- ancient philosophical influences
- the nature of the soul, mind and body
- arguments about the existence or non-existence of God
- the nature and impact of religious experience
- the challenge for religious belief of the problem of evil
- ideas about the nature of God and issues in religious language

PAPER 2:

Religion and ethics (02) (120 marks, 33.3% 2 hours).

- normative ethical theories
- the application of ethical theory to two contemporary issues of importance
- ethical language and thought
- debates surrounding the significant idea of conscience
- sexual ethics and the influence on ethical thought of developments in religious beliefs

PAPER 3:

Developments in religious thought (03–07) (120 marks, 33.3% 2 hours).

- religious beliefs, values and teachings, their interconnections and how they vary historically and in the contemporary world
- sources of religious, wisdom and authority
- practices which shape and express religious identity, and how these vary within a tradition
- significant social and historical developments in theology and religious thought
- key themes related to the relationship between religion and society in the context of one religion chosen from Christianity

Course requirements:

GCSE English at Grade 6.

GCSE Religious Studies Grade 6.

Mathematical skill required?

No.

Why study Religious Studies?

If students enjoy discussions and debates regarding the big questions in life then they will find this subject thought-provoking, intriguing, challenging and, best of all, very enjoyable! We will explore ideas such as: Is this the real life or just fantasy? Why is there evil in the world? Where do I go when I die? Can we prove God exists by philosophical argument? Is God female?

Course Content:

There are three components to this course; Philosophy of religion, Religion and ethics, and Developments in Christian thought. The course involves the combined study of religion, theology, modern and ancient philosophy, ethical theory, and practical ethical problems. For example:

- Sexual ethics
- Soul, mind and body
- Death and the after life
- Gender and society
- Feminist theology
- Liberation theology and Marx
- The challenge of secularism
- Business ethics

Students will have the opportunity to discuss and reflect on a wide range of philosophical questions, developing their ability to critically analyse and evaluate different philosophical and theological arguments. Expect to be challenged!

What further study and careers could Religious Studies lead to?

It provides an excellent foundation for those going on to study Law, Medicine, Veterinary Science, Philosophy, Theology, Journalism and Politics partly because of its strong emphasis on the development of skills such as problem solving, disciplining oneself in discussion, and analysing complex arguments.

Sociology

NAME OF QUALIFICATION: SOCIOLOGY

EXAM BOARD: OCR

How is the course assessed?

There are 3 examination papers.

PAPER 1:

Socialisation, culture and identity

(90 marks, 1 hour and 30 minutes, 30%)

PAPER 2:

Researching and understanding social inequalities

(105 marks, 2 hours and 15 minutes, 35%)

PAPER 3:

Debates in contemporary society which will include

Crime and Deviance

(105 marks, 2 hours and 15 minutes, 35%)

Course requirements:

A minimum of GCSE grade 6 in English is recommended.

Mathematics skills required.

No

Why study Sociology?

This is the first year we are offering this exciting A Level course at Heathfield. Officially, Sociology is the study of how society is organised and how we experience life. However, Sociology is so much more than that! It allows you to gain a greater understanding of the complex and simple nature of humans and their societies, including how the experience of those societies can differ depending on your social group—such as gender, class, or ethnicity.

We will ask whether we still need feminism, question whether the class system really exists in the UK and consider why crime exists and which groups commit the most crime. If you are genuinely interested in what happens in a 'global society', then this is the subject for you.

Students who study Sociology will gain the following skills:

- Critical and analytical thinking skills
- Problem solving by identifying the problem and finding a solution
- Research skills
- Teamwork, self-dependency and autonomy
- Articulate your thoughts and ideas clearly through verbal communication
- Develop your writing and reporting skills
- Cultural competence and self-awareness

Course content

Socialisation, culture and identity

Introduces students to key themes of socialisation, identity and culture, with a closer study of Youth subcultures.

Researching and understanding social inequalities.

Explores the methods of sociological enquiry and uses the context of social difference and inequality to develop knowledge and understanding of contemporary social processes. This fosters the development of critical thinking around social diversity in terms of social class, gender, ethnicity and age.

Debates in contemporary society

This component introduces students to contemporary theoretical debates and how they relate to global society. Section A is a compulsory topic, 'Globalisation and the digital social world', and in Section B students will study Crime and Deviance.

What further study and careers could Sociology lead to?

Sociology will give you a broad skillset where you can enter any profession, especially in the Business and Law sectors. It will allow you to critically analyse projects, research and develop solutions to projects, communicate both orally and in a written format effectively and understand cross-cultural issues globally.



Spanish

NAME OF QUALIFICATION: SPANISH

EXAM BOARD: AQA

How is the course assessed?

Three externally assessed examinations:

PAPER 1:

2 hours 30 minutes, 50%.

Listening, reading and translations into English and into Spanish.

PAPER 2:

2 hours, 20%.

Response to a question on a set text and a question on a set film.

PAPER 3:

Oral examination: 21 to 23 minutes (including 5 minutes preparation time).

For the oral, A Level students will prepare an individual project on a theme of their choice.

Course requirements:

GCSE Spanish Grade 7 minimum.

Mathematical skill required?

No.

Why study Spanish?

Communication is essential in today's world. Spoken by an estimated 580 million people worldwide, Spanish is currently the 4th most spoken language in the world. By studying a foreign language, you will not only be given the tools to communicate with people from other countries but will also be introduced to their culture, politics, customs and thoughts. Language learners agree that language proficiency facilitates better relationships with other countries and is undoubtedly helpful to their future.

Course Content:

Social issues and trends:

A Level Year 1: Aspects of Hispanic society.

- Modern and traditional values
- Cyberspace
- Equal rights

A Level Year 2: Multiculturalism in Hispanic society.

- Immigration
- Racism
- Integration

Political and artistic culture:

A Level Year 1: Artistic culture.

- Modern day idols
- Spanish regional identity
- Cultural heritage or cultural landscape

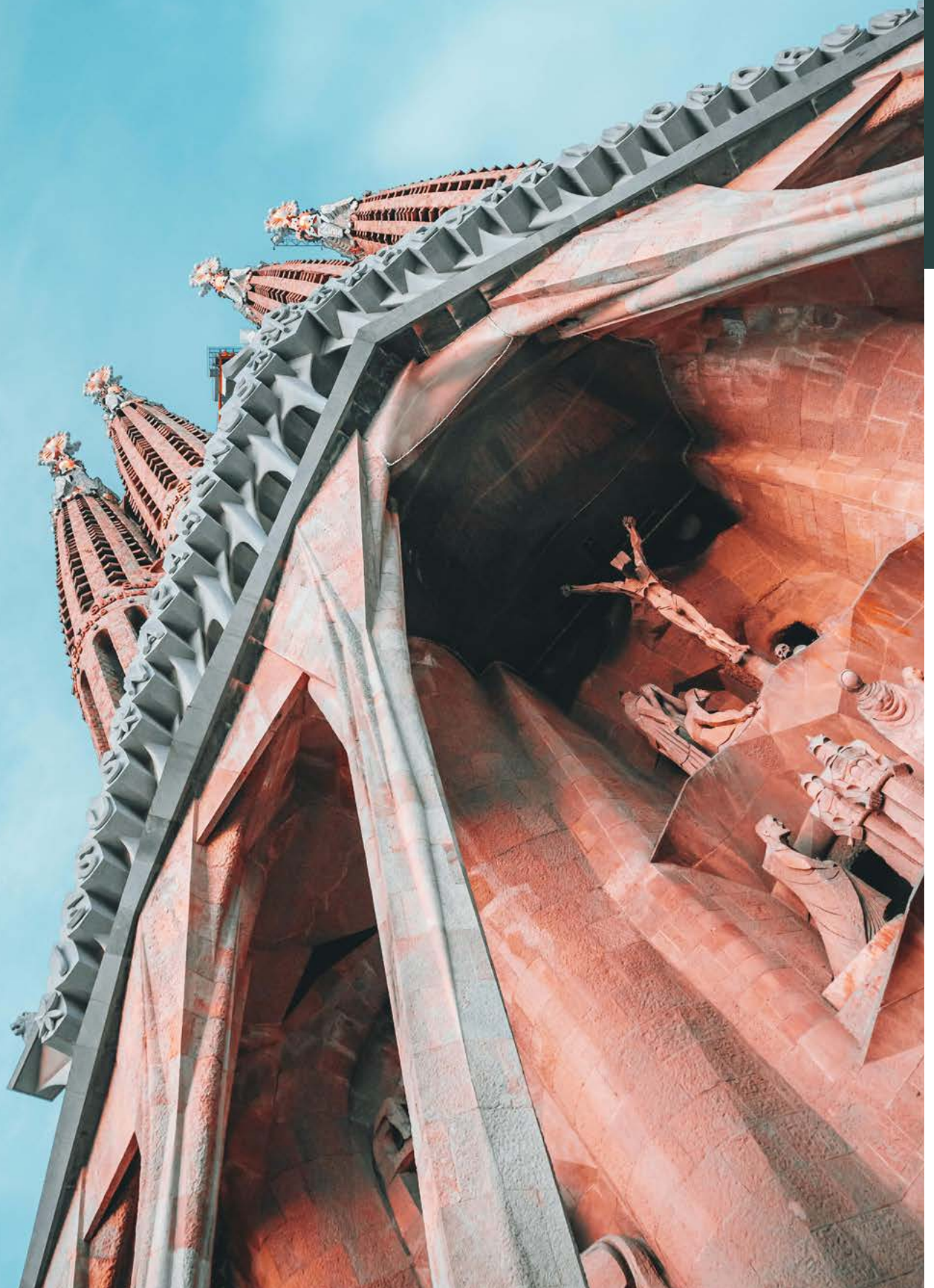
A Level Year 2: Aspects of political life in Hispanic world

- Today's youth, tomorrow's citizens
- Monarchies, republics and dictatorships
- Popular movements

What further study and careers could Spanish lead to?

It can lead to a huge variety of degrees in foreign languages, art, social sciences and humanities, science, engineering or medicine. Linguists are among the most employable.

Sixth Form **Subject**
Guide





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