



The Sixth Form

2024 - 2026

Contents

Future Ready	4	Religious Studies	40
Choosing A levels: The Basics	6	Chinese HSK	41
Choosing A levels: Three Key Factors	7	The Carrington Award	42
Choosing A levels: Available Subjects	8	EPQ (Extended Project Qualification)	43
Choosing A levels: University Courses	9	University Preparation Programme	43
Sixth Form Guidance	13	Other Opportunities in the Sixth Form	44
Art and Design	14	Sport in the Sixth Form	44
Biology	15	Level 3 Certificate in Higher	
Chemistry	16	Sports Leadership	44
Classical Civilisation	17	Music in the Sixth Form	45
Classical Greek	18	Drama in the Sixth Form	46
Computer Science	19	Careers and Work Experience	46
Drama and Theatre	20	Tycoon Enterprise Competition	47
Design and Technology: Product Design	21	Volunteering	47
Economics	22	Leiths Certificate in Confident Cooking	48
English Literature	23	Italian GCSE	48
Geography	24	Photography	48
Government and Politics	25	Duke of Edinburgh's Award Scheme	
History	26	- Gold	49
History of Art	27	Senior Debating and Public Speaking	49
Latin	28	Model United Nations	50
Mathematics	29	Science Activities	51
Modern Languages:		Young Scientists Journal	51
French, German and Spanish	32	Greenpower Car	52
Music	36	Societies	52
Physical Education	37	Appendix	54
Physics	38	Further Information	55
Psychology	39		

Future Ready

The Sixth Form at Wycombe Abbey is about helping you to become future ready, by building strong academic foundations and developing your personal qualities, but also by helping you know more about who you are and what you care about. The goal is simple: to support you in discovering who and what you want to be, then equipping you to become that in your life after Wycombe Abbey.

Autonomy and Freedom

For the first time in your schooling, you will have the chance for substantial self-direction in terms the curriculum you follow. You may choose to continue at A level with subjects that you enjoyed at GCSE, or elect to try something brand new, or often a bit of both. And you can say goodbye to the subjects that you might have had enough of studying. It is a true joy to study just a few subjects in more depth in the Sixth

Form. The time to think, read, argue, and discuss is, for many pupils, a revelation, recasting the way you think about education. If studying for your GCSEs sometimes feels like jumping through hoops then A level work is about scholarship and intellectual curiosity.

Perhaps the most visible change that happens in the Sixth Form is the transition from Senior Houses to Clarence House. In Clarence, you will be in a small cluster of ten-or-so single dorms, the centre of which is a communal kitchen where you will plan and cook your evening meals, having ordered the groceries earlier in the week. You wear your own clothes, will do your own laundry, and there is no fixed bedtime. In these ways and others, Clarence is conceived of as preparation for your life beyond Wycombe Abbey.



Future Ready cont...

Leadership and Responsibility

Outside the classroom, you will be able to take up major leadership positions in your Boarding Houses and in the School as a whole. These include House positions, heads of clubs and societies, and School Officer and Prefect roles. These are superb ways of improving your personal and social skills. Regardless of the positions you hold in school – and strange as it may seem to you now – next year younger girls really will look up to and will follow your example; you will be tone-setters.

One of the hallmarks of the Sixth Form experience at Wycombe Abbey is the changing relationships with teachers. The atmosphere in lessons will seem more relaxed and you will be taking a greater role in the direction of the lesson: you lead the debates, you make up your mind, and you will uncover new things about the topic of discussion. That discursive, thought-provoking, and nurturing atmosphere in lessons is something very special indeed and is only possible at Sixth Form when classes are smaller and expectations are higher. While your teachers will always be there to support you, it is you who is ultimately responsible for your learning and taking the lead in these ways is the first step.

Challenge and Ambition

Pushing yourself to try new things, to relish novelty, to be creative, to think hard, to take yourself out of your comfort zone, and to be ready to take risks, to try, and to fail. These are the hallmarks of the way we envisage the Sixth Form journey at Wycombe Abbey and are the inflection points of real growth and change. More prosaically, residing in these themes are the points of difference that the world's most selective universities are looking for.

Many of you will already have some idea about what you want to study at university and where you want to study it. Wycombe Abbey girls are rightly ambitious when it comes to their higher education and when the time comes to apply to university destinations, you should be aiming high. For some, the traditional universities will not be especially attractive and you will want to look at more

modern institutions offering contemporary, cutting-edge courses, perhaps combining modules across a variety of academic departments. Or perhaps the breadth encapsulated by the liberal arts model in the US is the best fit for you, in which case our Head of US and International Universities will be ready to guide you. Whatever it is, we encourage you to be ambitious.

Community and Flourishing

One area of Wycombe Abbey's operations that will newly occupy a portion of your consciousness in the Sixth Form is our partnership and community placement programme. You will engage in a weekly placement for at least one term of each year in the Sixth Form. We will also be inviting initiatives from Sixth Form pupils on ways to serve our local community and it is pupils who will have the opportunity to create and lead on these, with the support of the School.

The Carrington Award is our enrichment programme, running throughout the Sixth Form at Wycombe Abbey. It teaches the life-skills we think are important, encompasses a wide-ranging visiting speaker programme, is the vehicle through which our expanded University Preparation Programme is delivered, and culminates in a series of electives, in which girls can simply follow their interests.

You travel a long way in the Sixth Form. Your horizons will broaden from GCSE to – nothing less than – a global perspective. You will be at the peak of your career here and the combination of your talents and efforts will give us all a glimpse of the myriad and fantastic things you will achieve later in life. We very much look forward to supporting you through that journey.

Mrs J Tidbury, Director of Sixth Form

Choosing A levels: The Basics

The purpose of this part of the booklet is to give you and your parents an insight into the academic life of the Sixth Form and to help you make the right decisions about your A level choices. If you want to know more about any of the areas mentioned, please feel free to contact the Deputy Head (Academic), the Director of Sixth Form, the Deputy Heads of Sixth Form or the relevant Heads of Department.

We recommend that you choose to take four A level subjects in the Lower Sixth and continue with either three, or all four, in the Upper Sixth. All offers from universities in the UK are made on the basis of three A level grades – so it is definitely a case of quality not quantity. The situation can be a little different if you are planning to apply to universities in the US or in Ireland, where opting for four A levels can often be beneficial. If you are interested in taking Further Maths A level, you can do this as a fourth or even a fifth subject, but this would be the only case where you are permitted to take five A levels.

Since September 2017, all subjects have followed the reformed A level courses. You will not take AS level examinations at the end of the Lower Sixth; instead you will follow a two-year, linear A level course, with examinations only at the end of your Upper Sixth.

Each A level subject is delivered in eight 35-minute periods per week, though there will be some flexibility in the amount of direct contact time offered by different departments, particularly where the number of girls opting for a subject is small. In addition to curriculum periods, you will be expected to work for between four and five hours per week outside of lesson time on each subject.

It is also worth bearing in mind the other academic commitments you will have in the Sixth Form:

- **The Carrington Award:** All girls follow the Carrington Award, the School's Sixth Form Enrichment programme. The Carrington Award cultivates skills and knowledge in a range of areas including leadership, critical thinking and study skills, whilst also providing in-depth preparation for

higher education and future careers. Parts of the programme will be delivered in taught sessions whilst other elements will be delivered in talks by Wycombe Abbey teachers and guest speakers. Throughout the Sixth Form you will also take part in a number of immersive educational experiences with pupils from other schools.

- **EPQ or UPP:** In addition to the A level subjects you choose, you will also opt for either the Extended Project Qualification (EPQ) or the University Preparation Project (UPP). Both options involve you researching and writing an extended essay on a topic of your choice. The EPQ is an externally-validated qualification, recognised and valued by universities, and culminates in the production of a 5,000-word essay and project logbook. The UPP is an internal Wycombe Abbey qualification. It culminates in a shorter essay with no requirement to produce a logbook. You will be given a comprehensive introduction to the EPQ and UPP when you start the Sixth Form.
- **Other academic options:** We have other academic offerings at Sixth Form, depending on demand. In past years these have included short courses in Italian, Philosophy and in computer literacy. Details will come your way in due course.

The variety of options available to you in the Sixth Form means that you may be able to pursue an academic interest of yours even if, for whatever reason, you are unable to do so at A level. For example, if you want to study Engineering at university and have opted for Maths, Further Maths, Physics and Chemistry A levels (by no means the only combination!), the EPQ/UPP might give you an opportunity to explore your love of music at a deeper intellectual level. If you plan to study Law at university, none of your A level subjects will relate directly to that degree but the EPQ/UPP will give you a chance to research a legal issue of interest, and the critical thinking section of the Carrington Award will be especially helpful for you.

Choosing A levels: Three Key Factors

Your choice of A levels should be based on:

1. The subjects you have enjoyed studying thus far,
2. The subjects you have done well in thus far,
3. The subjects you need for your university course, if you know what you want to study at university.

1. Your enjoyment of your A level subjects is a key criterion. If you enjoy studying the subject (or think you will enjoy studying the subject if it is a new one), you are far more likely to be successful in tackling the challenging A level course. You are also more likely to undertake the additional reading and independent work required for success if you have a genuine interest in the subject.

It can be more difficult to judge whether you will enjoy studying a new A level subject – History of Art or Economics, for example. Read the information about the course contents in this booklet and think back to the taster lessons you had in these subjects at the end of your Lower Fifth year. Remember that choosing to study a new subject at A level should be a positive choice because you really like the subject – and not because a new subject will surely be better than anything you have studied before!

2. Whilst it is not necessary to have secured the highest grade at GCSE in order to study the subject successfully at A level, you should bear in mind that the content of many A level subjects – Maths, Sciences, Latin, Modern Foreign Languages, for example – builds on the content of the GCSE courses and requires pupils to develop a greater depth of understanding and more sophisticated approaches. If you found the subject difficult at GCSE but want to pursue it at A level, make sure you speak to relevant teachers about the knowledge and skills that will need to be in place for successful A level study.

Some A level subjects do not build in any great sense on the GCSE content, and instead contain lots of material that will be new to all pupils. This is obviously true in the case of the new A level subjects. Again, though you can't judge how you will perform in the study of Psychology, for example, you will have an idea of your aptitude in the Sciences and in essay writing from your GCSE work.

3. Even if you do not know what you want to study at university yet, it is important that you understand that whatever your choice of A levels, you will close some doors and open others in terms of your degree choice. Most science degrees require, or at least prefer, two A levels from Biology, Chemistry, Physics, Maths, Further Maths and/or Psychology. If you want to study more than one of Biology, Chemistry or Physics, it's sensible that Chemistry should be one of these as the combination of just Physics and Biology is appropriate for only a small number of degree courses.

In the Arts and Humanities, there is usually more flexibility. An English Literature, History or Modern Foreign Language degree usually requires the corresponding A level, and an additional essay-writing subject and/or language is useful. A degree that will cover material new to all undergraduates – Anthropology, Law or Philosophy, for example – generally has no specific A level requirements, though some universities suggest helpful combinations.

If you don't find yourself drawn especially to the Arts or to the Sciences, there are an increasing number of degree courses at leading universities that straddle the traditional divide. Liberal Arts courses can be found at Bristol, Exeter and King's College London and Arts and Sciences courses at Birmingham and UCL.

Morrisby

You have all had the opportunity to take the Morrisby online assessments at the start of this term. These are used to create a profile of your ability, aptitudes and personality. A detailed report is produced, based on a combination of the results of the tests and an interest questionnaire, and suggestions are made to help with your exploration of A level subjects, higher education courses and careers. During the Autumn Term, you will have a meeting with an independent careers adviser in order to consider your future plans, taking into consideration the recommendations of the report. Use this opportunity wisely as it is an excellent opportunity to ask questions and gain any further guidance!

Choosing A levels: Available Subjects

The following subjects will be offered to you next year:

- Art and Design
- Biology
- Chemistry
- Classical Civilisation
- Classical Greek
- Computer Science
- Design and Technology
- Drama and Theatre Studies
- Economics
- English Literature
- French
- Geography
- German
- Government and Politics
- History
- History of Art
- Latin
- Mathematics
- Further Mathematics
- Music
- Physical Education
- Physics
- Psychology
- Religious Studies
- Spanish

Chinese is offered as an HSK qualification and may be taken as a fourth or fifth subject choice.

In addition to four or five choices from the list above, all pupils will complete the EPQ or UPP (see page 43).

We cannot guarantee to offer any subject for which there is insufficient demand (usually at least four pupils). Some combinations of subjects may not be possible to timetable, though we will always do our best to offer any combination you request. Occasionally, Heads of Department may choose to change exam board for their subject.

We expect all pupils progressing from UV into the Sixth Form at Wycombe Abbey to achieve a minimum of six GCSE passes at grades 7, 8 or 9.

A GCSE grade 7 or above is required for the subjects you wish to study at A level (excluding those subjects which are not offered at GCSE, although a grade 7 or above should be achieved in a subject which requires similar skills).

Should a pupil not achieve this standard, a discussion will be held with the pupil, her parents and relevant staff members to support them in finding a suitable alternative route.

Choosing A levels: University Courses

It is important to understand the effect your A level choice will have on your future application to university. In the UK, selecting three or four A levels will inevitably open up some degree courses to you whilst closing the door on others. For example, choosing History, History of Art, Biology and Maths would allow you to apply for History and History of Art related degrees, some science degrees, such as Biology, Biological Sciences or Psychology, and a large number of degrees that do not require any particular A level combination, such as Law, Politics and Theology (of course this might change if you dropped one of the four subjects at some point in the Sixth Form). But such an A level combination would not allow you to apply for Physics or Engineering at university (these courses require Physics), and wouldn't be the strongest combination for an Economics degree application, even if many Economics courses require only Maths A level (supplementing Maths with Further Maths and/or Economics would make for a stronger application).

So long as you are comfortable with the doors you keep open and the doors you have to close, you should be able to come to a sound decision about your A level choices.

For those of you planning to apply to the most competitive universities in the US, taking four A levels to completion can be an advantage. However, it has to be balanced against your other commitments and you have to bear in mind that US universities are looking for more than just academic excellence in their applicants. If you think you might want to apply to Irish universities, including Trinity College Dublin, it is very likely that you will need to take four A levels in order to score the requisite number of points for entry.

Considering your university degree before you even get to the Sixth Form might seem a tough task. But you do not need to know exactly which course you want to study. You just need to have a rough idea of the options out there.

University websites are a good place to start in understanding the A levels that are either necessary or desirable for a particular degree programme. However, while this information is a good way of understanding whether a specific combination of A levels meet the criteria for a given degree programme, it is not always a reliable way of understanding what will make for the strongest application for that programme. Navigating these 'unwritten rules' is where the expertise and experience of key staff at Wycombe Abbey can make a crucial difference and we strongly encourage you to speak to a member of the Sixth Form Team about this, if you are at all uncertain. More generally, experience suggests that an ongoing dialogue with relevant staff often produces the best decisions and best applications, so please use us!

You can see on the next pages the kinds of university courses that do have specific A level requirements or recommendations. This information can change each year, so the best place to look for up-to-date information is on a particular university's website.

Miss E Boswell, Deputy Head (Academic)

Mrs J Tidbury, Director of Sixth Form

Accountancy

Required: Maths (most courses)

Agriculture/Food Science

Required: One or two Sciences (including Maths) (some courses); Chemistry (some courses)

Anthropology

Recommended: A combination of Science and Humanities (some courses); Biology (for Biological Anthropology courses); Classics, History and/or Geography (for Social Anthropology courses)

Architecture

Required: Maths and/or Physics (most courses) and/or Art (some courses); a portfolio of work (some courses)
Recommended: A combination of Sciences and Arts (some courses)

Art and Design/Fine Art

Required: Art and Design (most courses)
Recommended: Design and Technology and/or Physics (some courses)

Biology/Biochemistry/Zoology

Required: Chemistry and Biology (most courses)
Recommended: Maths (most courses)

Business and Management Studies

Required: Maths (some courses)

Chemistry

Required: Chemistry and one other Science (all courses)
Recommended: Maths and Further Maths (some courses)

Classics

Required: Latin and/or Greek (most courses)
Recommended: English Literature and/or History and/or a Modern Foreign Language (some courses)

Computer Science

Required: Maths (most courses)
Recommended: Computer Science (most courses) and/or Further Maths (some courses)

Drama

Required: No particular A levels, but experience in acting, writing, producing and/or directing (most courses)
Recommended: English Literature (some courses)

Economics

Required: Maths (most courses) NB Some courses require Further Maths
Recommended: Economics (most courses) and/or Further Maths (some courses)

Engineering

Required: Maths and Physics (all courses) Further Maths (some courses)
Recommended: Further Maths (some courses) and/or another Science (course-dependent)

English Literature

Required: English Literature (all courses)
Recommended: Another Humanities subject or a language

Environmental Sciences

Required: Chemistry and/or Biology (course-dependent); Maths (some courses)
Recommended: Geography, Maths, Politics (some courses)

Geography

Required: Geography (most courses)
Recommended: A Science subject and/or Maths (some BSc courses)

Health Sciences

(Physiotherapy, Nursing, Occupational Therapy, etc)
Required: Most courses do not have specific requirements, though UK work experience is usually needed
Recommended: Chemistry and/or Biology (some courses)

History

Required: History (all courses)
Recommended: Another Humanities subject (some courses)

History of Art and Architecture

Required: Most courses do not have specific requirements.
Recommended: History of Art and/or Religious Studies (some courses)

Human Sciences

Required: A Science, often Biology (most courses)

Recommended: Another Science subject, including Maths (most courses)

Law

Required: No particular A levels are required; work experience is useful.

Recommended: A Humanities subject and/or Maths (most courses)

Linguistics

Required: English Literature and/or a Modern Foreign Language and/or Greek/Latin (course-dependent)

Recommended: A Science subject (some courses)

Mathematics

Required: Maths (all courses) and Further Maths (most courses)

Medicine and Dentistry

Required: Chemistry and another Science (most courses); varied work experience, including in the NHS

Recommended: Another Science or Maths (some courses); a Humanities subject (some courses)

Modern Languages

Required: For French, German and Spanish courses, the appropriate A level is required (all courses).

Recommended: Another Modern Foreign Language and/or Latin/Greek and/or a Humanities subject (some courses)

Music

Required: Music (all courses); a proven record of performance and ABRSM grades or equivalent (some courses)

(Note that applications for performance-based courses are made through UCAS Conservatoires)

Oriental, African or Asian Studies

Required: A Modern Foreign Language and/or Latin/Greek (some courses)

Recommended: A Humanities subject (some courses)

Pharmacy

Required: Chemistry (most courses)

Recommended: Another Science subject (most courses)

Philosophy

Required: No particular A levels

Recommended: A Humanities subject (most courses); Maths (some courses)

Physics

Required: Maths and Physics (most courses); Further Maths (some courses)

Recommended: Another Science subject (some courses); Further Maths (some courses)

Politics or Social Sciences

Required: No particular A levels

Recommended: At least one Humanities subject

PPE (Politics, Philosophy and Economics)

Required: No particular A levels

Recommended: History and/or Maths (some courses); at least one Humanities subject (some courses)

Psychology

Required: A Science subject from Biology, Chemistry, Physics, Psychology or Maths (most courses); or two Science subjects (some courses)

Recommended: One or two Science subjects including Psychology (most courses)

Sports Science

Required: A Science subject (all courses)

Recommended: Another Science subject, including PE (most courses)

Theology

Required: No particular A levels

Recommended: A Humanities subject (most courses)

Veterinary Medicine

Required: Biology and Chemistry (all courses); varied work experience with small and large animals

Recommended: Another Science subject (some courses)



Sixth Form Guidance

General

During your Lower Sixth year, your Housemistress will continue to be the member of staff with responsibility for overseeing your wellbeing and academic progress. She will be in close consultation with your Lower Sixth Tutor who has particular responsibility for supporting you through making your university applications, under the guidance of the Deputy Heads of Sixth Form and the Director of Sixth Form. These members of staff also take an active interest in your academic progress and help to support, encourage and guide you as you move through the Sixth Form.

Induction

All Sixth Formers are asked to return to Wycombe Abbey in September a day before the rest of the School comes back. The extra day for the Lower Sixth is devoted to inducting you into Sixth Form life, with talks on the new responsibilities you will be taking on, the various extra-curricular activities open to you, and ways of coping with the challenges ahead. There is a talk for you and your parents on Sixth Form life on the first day of term and an opportunity to meet your LVI Tutor, who will support you throughout your time in the Sixth Form. The Upper Sixth learn more about life in Clarence, are taught some basic cookery skills, have personal safety talks and further guidance on university applications. Both year groups are invited to dine with the staff on their first evening back. The Activities Days later in September are designed to develop cultural awareness as well as the independent learning and leadership skills of the Lower Sixth and the intellectual confidence and personal transferable skills of the Clarence girls.

University Applications

Help with university applications begins at the start of Lower Sixth with a talk for you and your parents given by the Director of Sixth Form. In the Autumn Term you will be taught how to research different universities and courses and will have individual discussions with your Tutor. In the Spring Term a university admissions tutor is



invited to talk to you about university applications. Your Sixth Form Tutor will also have a personal interview with each of you on your university and career plans. Your parents are also invited to talks on university admissions throughout the year.

A comprehensive programme to guide you through the university application process for UK, US, Oxbridge and Post-Qualification Applications takes place in the second half of the Summer Term. Staff will be on hand to advise and guide you and your Tutor will support you throughout. It is, however, your responsibility to research the courses and universities in which you are interested. By the end of the Summer Term of the Lower Sixth year you should be all set to complete your university application form. You complete your UCAS form in the first few weeks of your Clarence year and are given guidance and practice in handling university interviews and admissions tests.

Should you be considering an application to US universities, we have a programme of Admissions Directors' visits throughout the Autumn Term and support available for admissions tests. We have a Head of US and International Universities, Mr Tourle, who is available to guide you if you are considering applying to US or other international universities.

Why choose Art and Design? Art and Design is both a form of communication and a means of expressing ideas and feelings. It forms a language which complements those of literary, mathematical, scientific and factually based subjects, and is especially concerned with the development of those complex mental processes involved in visual perception and aesthetic experience. Through the opportunities the course provides for personal expression, it encourages imagination, sensitivity, conceptual thinking, powers of observation and analytical and practical abilities.

What will I study? We follow the AQA course specification which offers you the opportunity to work in any medium. In your Lower Sixth year you will begin work on your Personal Investigation (ie coursework) portfolio. You will be given a range of themes or prompts to which you can respond in the widest possible way. You will gain experience of a wide range of techniques and processes and are encouraged to take responsibility for your own direction and areas of interest as soon as possible. You will complete a themed project with many final pieces and may also complete smaller satellite projects which could take the form of life drawing or an investigation into print making, for example, to show a development of skills. Development of independent and refined ideas as a natural progression is key to success.

The Upper Sixth course builds on the skills acquired in Lower Sixth allowing for continuation with your themed project, allowing greater depth of study and progression of sustained practical skills. In addition, as part of your Personal Investigation Unit, you create a written element of between 1000 and 3000 words, in which you develop an exploration of an idea, issue, concept or theme. This involves research, organisation, development and evaluation of your ideas to produce a resolved personal response. For the part of the course, the Externally Set Assignment, from February until May of Upper Sixth, you choose a themed starting point from a set list from AQA. After a period of preparation (sketchbook research, studies, drawings, photographs, 3D modelling, printwork, glasswork etc, you have 15 hours of examination time to produce a final composition in your chosen media.

There is likely to be an opportunity to attend life-drawing classes one evening a week in the Art Studio.

As with any A level subject, a high degree of commitment is required and study will extend beyond the timetabled provision. This will include work in the evenings and/or weekends in the Art Studio.

How will I be assessed? All work is displayed as an exhibition. It is all internally marked and externally moderated by a visiting moderator from the examination board at the end of the Upper Sixth in June.

Unit titles

Personal Investigation 60%
Externally Set Assignment 40%

Portfolio of sustained work with final outcomes.
Preparation period and production of a 15hour final outcome in Spring Term of UVI.

There is an exhibition of all A level pupils' work at the end of the course.

A Sixth Form lesson might involve...

- discussing your ideas with Art Department staff and developing them further in free time,
- an analysis of artists' works and practical experimentation with their techniques,
- producing final outcomes which display a range of skills and confident use of materials.

Miss K Williams, Head of Art and Design

Why choose Biology? Biology is the study of living organisms and the processes of life, from evolutionary, physiological and molecular perspectives. Understanding this area of science will give you a greater appreciation for the natural world and satisfy your curiosity about how organisms survive and thrive in their respective habitats. Like all sciences, studying Biology will develop your knowledge and understanding of the scientific method, your research and quantitative skills, your problem-solving and analytical ability and your awareness of the role science plays in society. If you want to apply for a degree in the Biological or Life Sciences, or Medicine, Dentistry or Veterinary Medicine, it is an essential A level to take.

What will I study? The two-year course covers ten topics. Biological Molecules introduces you to the chemicals of life: the organic and inorganic molecules and ions that are fundamental to the structure and physiology of living organisms. Cells, Viruses and Reproduction of Living Things explores the ultrastructure of prokaryotes, eukaryotes and viruses, including the types of nuclear division. Classification and Biodiversity examines the evidence used in the development of models for the classification of organisms and the limitations of these models. The topic includes the principles underlying natural selection and how this can lead to speciation. In Exchange and Transport, you will cover the transport mechanisms in cells and mass flow systems in organisms, including the

mammalian circulatory system and the vascular system in plants. Energy for Biological Processes builds on knowledge of carbohydrates and enzymes, and considers the sources of energy in living organisms, including respiration and photosynthesis, and the roles of co-enzymes and electrons.

The Microbiology and Pathogens topic explores the response of the human body to infection and the social, economic and ethical implications of treatment and control of disease. In Modern Genetics, you will apply your knowledge of nucleic acids and proteins to their role in gene expression. We also consider epigenetics and the use of stem cells in medical advances. Origins of Genetic Variation covers meiosis, natural selection, dihybrid inheritance of alleles and genes and the effect of selection pressures on allele frequencies in gene pools. Control Systems builds on knowledge of transport mechanisms and considers the processes of chemical and nervous coordination as well as the role of plant growth substances and hormonal control in mammals. Finally, Ecosystems considers the interactions between organisms and the environment, including details of how biotic and abiotic factors are involved in the development of ecosystems over time and the influence of humans on ecosystems.

How will I be assessed? The ten topics above are assessed in three written examinations at the end of your Upper Sixth year.

Unit title	Exam time	Exam questions	A level %
Advanced biochemistry, microbiology and genetics	1h45	multiple-choice, short answer, calculations, extended writing	30%
Advanced physiology, evolution and ecology	1h45	multiple-choice, short answer, calculations, extended writing	30%
General and practical principles in biology	2h30	short answer, calculations, extended writing, synoptic	40%
Your practical skills are also assessed throughout the course: you will need to demonstrate competence in 12 skills areas, from use of a microscope to dissection of an organ.			

A Sixth Form lesson might involve...

- dissecting an organism to help apply theoretical understanding of anatomy and physiology,
- creating models of biological molecules eg. proteins and DNA, to visualise their structure and understand their function,
- observing different animals to investigate their breathing systems.

Mrs E Wallace, Head of Biology

Why choose Chemistry? Chemistry occupies a central position in the sciences and its study teaches you to handle a large body of knowledge, to extract salient points and to formulate rules. You will discover how important Chemistry is in modern society, how it impinges on all aspects of our everyday lives, and how it explains the material world. You will develop competence and confidence in a variety of practical, mathematical and problem-solving skills. You will also extend your observational, deductive and manipulative skills and gain a deeper appreciation of the scientific method.

Chemistry will appeal to you if you are self-motivated and have the determination to succeed, the ability to analyse situations, the intuition to select relevant information and explanations, and a logical mind with the capacity to interpret. A healthy interest in the world around you and the enthusiasm to appreciate that Chemistry is a living, progressing and fascinating subject would, of course, be most welcome.

If you are considering Chemistry A level, you should be a reasonable mathematician with a strong pass at GCSE or IGCSE. If you are not studying Mathematics at A level, you are expected to attend a Mathematics for Science course. A good pass in Chemistry at GCSE or IGCSE is expected as many of the topics studied at A level have already been met and this knowledge is then built upon and extended. You are expected to subscribe to Chemistry Review and New Scientist as well as to read the science sections of newspapers/media websites.

You are also encouraged to attend Science Activities on a Monday afternoon.

Chemistry A level is often studied in conjunction with other sciences and can lead to a wide range of degree options, from pure Chemistry to applied Chemistry courses like Biochemistry, Material Sciences, Pharmacology or Natural Sciences. In addition, it is required for all Medicine, Dentistry and Veterinary Medicine courses at UK universities.

What will I study? The course is divided into six units. Development of Practical Skills in Chemistry introduces you to the fundamental skills needed to collect and analyse data, from planning and implementing through to analysing and evaluating. Foundations in Chemistry covers basic chemical concepts, including atomic structure, reaction of acids and bonding and structure, building on GCSE knowledge. In Periodic Table and Energy, you will explore inorganic and physical chemistry and the applications of energy use to everyday life and industrial processes. Core Organic Chemistry covers the chemistry of organic molecules, including hydrocarbons, alcohols and haloalkanes. Physical Chemistry and Transition Elements explores energy, reaction rates and equilibria and the periodic table. Finally, Organic Chemistry and Analysis introduces you to new functional groups, from carboxylic acids to esters, and includes a study of NMR spectroscopy.

How will I be assessed? The topics above are tested in three written examinations at the end of your Upper Sixth year.

Unit title	Exam time	Exam questions	A level %
Periodic table, elements and physical chemistry	2h15	multiple-choice, short answer, calculations, extended writing	37%
Synthesis and analytical techniques	2h15	multiple-choice, short answer, calculations, extended writing	37%
Unified chemistry	1h30	short answer, calculations, extended writing, synoptic	26%

Your practical skills are also assessed throughout the course: you will need to demonstrate competence in 12 skills areas, from measuring pH to chromatography.

A Sixth Form lesson might involve...

- a multi-stage organic synthesis,
- using (and bursting) balloons to model molecular orbitals,
- using redox titration techniques to find the amount of iron in an iron tablet or copper in a brass screw.

Mr J Young, Head of Chemistry

Why choose Classical Civilisation? The Classical Civilisation course offers an exciting exploration into many areas of the classical world including literature in translation, archaeology, art and architecture, history, politics and philosophy. The influence of the classical world is all around us; Classical Civilisation gives you the chance to study some of these contributions in their original, classical contexts. Whether it is reading great literature, admiring magnificent sculpture, investigating ancient politics or delving into classical history, Classical Civilisation provides something for everyone.

Classical Civilisation complements many popular A level subjects, particularly English Literature, History, History of Art, Religious Studies and Drama. When combined with Latin and/or Classical Greek, it can provide an excellent and well-respected foundation for traditional Classics degrees, or it can be studied without classical languages in preparation for many degrees including Classical Studies, Archaeology and Anthropology, Ancient and Modern History, English and Oriental Studies. If you are looking at predominantly science or Mathematics A levels, Classical Civilisation may provide just the contrast you are looking for.

You do not need to have studied any classical languages to do A level Classical Civilisation.

What will I study? The course divides into three units. The World of the Hero consists of an in-depth study of Homer's *Odyssey* and Virgil's *Aeneid*. This unit is solely focused on the study of literature in translation. Culture and the Arts involves a study of Greek Theatre and visual and material culture, combined with literature in translation (Sophocles' *Oedipus the King*, Euripides' *Bacchae* and Aristophanes' *Frogs*). In Beliefs and Ideas, you will study the politics of the Late Republic, from Sulla's retirement in 79 BCE to the death of Cicero in 43 BCE. This unit involves an area of classical thought, in combination with either the study of literature in translation or visual and material culture.

How will I be assessed? The units are assessed in three written papers at the end of the Upper Sixth.

Unit title	Exam time	Exam questions	A level %
The World of the Hero	2h20	sections on Homer and Virgil and a comparison of both	40%
Culture and the Arts	1h45	short answer and extended writing	30%
Beliefs and Ideas	1h45	short answer and extended writing	30%

A Sixth Form lesson might involve...

- debating why epic poetry has remained popular for over 2,500 years,
- learning about key political institutions and machinations within the Roman Republic,
- discussing whether or not the Greek idea of tragedy is still relevant in today's society.

Dr C Tsaknaki, Head of Classics

Why choose Classical Greek? The Classical Greek course is perfect for those of you who would like to extend your knowledge of the Classical Greek language and read some of the greatest prose and verse literature in the original Greek language. Through studying Greek literature, you will acquire a deeper knowledge and understanding of the culture, politics and society of ancient Greece and will be encouraged to consider the influence of these great classical texts on later European literature and values.

Greek complements many popular A level subjects, particularly Latin, French, Spanish, Mathematics, English Literature, Religious Studies and History. The Classical Greek course will develop your linguistic, analytical and evaluative skills and as a result will provide an excellent foundation for a number of degree courses including Classics, Law, Ancient and Modern History, Archaeology, Anthropology, English, Philosophy and Theology. If you enjoy studying Classical Greek language and literature and have a keen interest in the ancient Greek world, Classical Greek may be the course for you.

The Classical Greek course is normally limited to those who already have Greek GCSE, as the course will build on the linguistic foundations which you have already acquired during your GCSE course.

What will I study? The course consists of four units. The Unseen Translation and Prose Composition or Comprehension units require you to translate both prose and verse unseens. You will also choose between an English into Greek exercise or a comprehension, with questions testing both basic understanding and your knowledge of syntax and grammar. The focus for much of these units is on building your vocabulary and knowledge of linguistic structures.

The Prose Literature and Verse Literature units cover works by Herodotus, Plato, Xenophon, Homer and Aristophanes.

How will I be assessed? The units are assessed in four written papers at the end of Upper Sixth.

Unit title	Exam time	Exam questions	A level %
Unseen Translation	1h45	translation of two passages of Greek, scan two lines of verse	33%
Prose Composition or Comprehension	1h15	translation, grammar, comprehension or translation of a passage into Greek	17%
Prose Literature	2h00	translation of a passage of set text, extended writing	25%
Verse Literature	2h00	translation of a passage of set text, extended writing	25%

A Sixth Form lesson might involve...

- translating a range of Greek dialects through both unseen and set texts,
- stretching your mind by discussing challenging philosophical ideas or historical events,
- finding out what tragedy meant to the Greeks and how it has been interpreted over time.

Dr C Tsaknaki, Head of Classics

Why choose Computer Science? Developing your understanding of programming, problem solving and computational thinking will allow you to navigate through an increasingly digital world. Computers are at the heart of our society, from medical systems and transportation to commerce and social networking. As you gain creative and technical skills in this discipline, you will be able to analyse and solve more complex real-world problems. Computer Science A level is very often required or recommended for university-level study of the subject but the problem-solving skills it fosters are applicable to many other degree disciplines.

What will I study? The course is divided into three units. The first, Computer Systems, covers the characteristics of contemporary systems architecture and other areas. It includes an exploration of the characteristics of contemporary processors, input, output and storage devices and an examination of software and software development. You will also study data (types, structures and algorithms) and their impact on web technologies. There is also a module on legal, moral and ethical issues in Computer Science.

The second unit, Algorithms and Programming, introduces you to elements of computational thinking, programming and problem solving, as well as covering pattern recognition, abstraction and decomposition. You build on your knowledge of algorithms, looking at their design and efficiency and expanding your understanding of standard algorithms.

Finally, the Programming Project gives you a chance to analyse, design, develop, test and evaluate a program written in a suitable programming language in response to a practical coding problem. This unit is not assessed in an exam but in the form of a report containing a solution to the selected problem.

How will I be assessed? The first two units are assessed in two written examinations taken at the end of the Upper Sixth year, with the Programming Project assessed through a report (worth 20% of the A level).

Unit title	Exam time	Exam questions	A level %
Computer Systems	2h30	short, long and extended questions	40%
Algorithms and Programming	2h30	short, long and extended questions	40%

A Sixth Form lesson might involve...

- discussing the environmental impact of computers in the world,
- learning how to use computational thinking to solve a problem, such as using recursion to make the Fibonacci series,
- coding up a problem in Python and testing the speed of an algorithm compared with other methods.

Mr A Porter, Head of Computing

Why choose Drama? Drama A level will help you develop and apply an informed, analytical framework for making, performing, interpreting and understanding drama and theatre. You will also have many opportunities to create theatre, both from existing texts and from your own ideas, in a range of styles, genres and eras. The course will hone your creativity and independence of mind, allow you to analyse and evaluate your own work and the work of others, and enable you to participate as both a theatre maker and an audience member.

What will I study? The course is divided into three components.

In Creating Original Drama, you will create an original piece of theatre based on a stimulus of your choice and employing the techniques and working methods of either an influential theatre practitioner or a recognised theatre company. The exam board supplies a set list of practitioners/companies from which you can choose to work. You must also complete a 'working note book' to accompany your performance.

In the Making Theatre component, you must study extracts from three contrasting plays and interpret, rehearse and perform them. Again, you must choose a

practitioner or company as an influence for your performances. You then choose one of the three extracts you have worked on to perform in front of a visiting examiner. You must also complete a 'reflective report' evaluating how you have interpreted the three extracts.

Finally, Drama and Theatre is an examination study of two complete texts (*Metamorphosis* by Berkoff and *A Servant of Two Masters* by Goldoni) that you must write about in terms of your practical ideas on performance, direction and design. The final part of the exam is on a piece of live theatre that we will see during the course.

How will I be assessed? Making Theatre is assessed both through the final performance and a written creative process log that demonstrates your knowledge of the extracts, its context within the play as a whole and explains and reflects upon the process of creating your interpretation of the extract. This component is externally assessed and is worth 30% of the A level. Creating Original Drama is internally assessed and externally moderated and is also worth 30% of the A level.

Drama and Theatre is assessed by a written examination at the end of the Upper Sixth.

Unit title	Exam time	A level %
Drama and Theatre	2h30	40%

Alongside Drama A level, you will also have the opportunity to participate in the LAMDA examinations and a number of other extra-curricular shows and events that will be taking place throughout the year.

A Sixth Form lesson might involve...

- working collaboratively on both devised and scripted performances,
- watching the work of established practitioners and companies,
- interpreting texts from the point of view of a director and an actor.

Mr J Harrington, Head of Drama

Design Technology: Product Design Edexcel

Why choose Design Technology? Design is both a form of communication and a means of expressing ideas from the chair that we sit on to the car and aeroplane that we drive and fly. It is often the cutting edge of technology that pushes and develops our creative and innovative mindset. Design Technology encompasses all aspects of the mathematical, scientific and artistic subjects that blend the complex thought involving perception and aesthetic experience. The course will undoubtedly provide opportunities for personal development and expression, encouraging innovation and creativity enhanced by analysing and evaluating skills.

What will I study? We follow the Edexcel course specification which offers you the opportunity to develop your design style and techniques using a wide variety of materials and manufacturing processes to make a final product that you will have for many years ahead upon completion. The coursework project begins with the initial analysis of design problems and working with a client / user to identify a real need. The start of the portfolio is critical with a solid foundation given from the theory. In your Lower Sixth year you are taught the majority of the theoretical topics from materials to Nano-technology, robotics, manufacturing processes to advance principles in sustainability and environmental,

analysis and evaluation of design outcomes and decisions, impact on social, moral, ethical aspects along with developing your unique style of graphical capability building a portfolio to illustrate your skills and development.

The Upper Sixth course builds on the skills acquired in Lower Sixth allowing for greater depth of study. The coursework project begun in Lower Sixth continues with manufacture and analysis and evaluation. The final product will be an important part of your final submission. The coursework project is internally and externally assessed with submission including the folder and practical outcome. The complexity and execution is essential to the final submission.

There is likely to be an opportunity to attend a variety of exhibitions.

As with any A level subject, a high degree of commitment is required and study will extend beyond the timetabled provision. This will include work in the evenings and/or weekends in the DT Workshop.

How will I be assessed? The course is both internally marked and externally assessed by moderators and examiners at the examination board at the end of Upper Sixth.

Unit title	Exam time	
Principles of Design Technology	2h30	Written Assessment 50%
Coursework project	Completed across LVI / UVI	Non-examined assessment 50%
There is an exhibition of all A level pupils' work at the end of the course.		

A Sixth Form lesson might involve...

- discussing your ideas with the DT Department staff and developing them further,
- an analysis of designers' works and practical experimentation with their techniques,
- producing a final outcome, displaying a range of your skills and use of materials and manufacturing processes.

Mr R Simonot, Head of Design Technology

Why choose Economics? Economics is concerned with how we allocate the goods and services that we need and want. It examines the many choices that have to be made – by individuals, firms and governments – about how to distribute our limited resources. Whilst government aims to improve our wellbeing, there is no unique way of achieving it and problems such as inflation, unemployment, national debt and poverty continue to impose challenges for policy makers. The subject is very relevant to events which are occurring every day in the world news and in your own lives. In fact, much can be learnt about Economics from simply observing everyday experiences – such as shopping and travel – with a more critical eye than you might have used before. The A level aims to develop skills such as debating, using and interpreting data to analyse economic problems, and evaluating alternative courses of action.

The course assumes no prior knowledge of Economics itself and only a basic mathematical understanding, which is easily covered by the GCSE/IGCSE specifications. The main requirement is to be able to think clearly and logically, and to write well-structured arguments.

These are, of course, skills which are relevant to other A

level subjects too.

What will I study? The course develops an understanding of the micro-economic and macro-economic principles and applies them in a range of contexts to appreciate their value and limitations in explaining real-world phenomena. The course is divided into four themes: Theme One: Introduction to markets and market failure, introduces you to the nature of economics, how markets work and why they fail. Theme Two: The UK economy – performance and policies, asks you to consider macroeconomic concepts such as the role of government on the UK economy, national income and aggregate demand and supply. Theme Three: Business behaviour and the labour market, focuses on the development of microeconomic theories and principles, including business growth, revenues, costs and profits and the labour market. Finally, Theme Four: A global perspective, covers the wider global economy, exploring international trade, emerging and developing economies and the financial sector.

How will I be assessed? The four units are assessed in three papers taken at the end of the Upper Sixth year.

Paper title	Exam time	Exam questions	A level %
Markets and Business Behaviour (Theme One and Three)	2h00	multiple-choice, short answer, data response, extended writing	35%
The National and Global Economy (Themes Two and Four)	2h00	multiple-choice, short answer, data response, extended writing	35%
Micro and Macroeconomics (all Themes)	2h00	two data responses and open response based on stimulus	30%

A Sixth Form lesson might involve...

- watching a news story and applying relevant economic models to the issue,
- researching the impact of immigration on UK productivity,
- presenting and discussing ways that government might reduce regional inequality.

Mrs A Kiln, Head of Economics and Enterprise

Why choose English Literature? If you love reading, talking and writing about literature then it is hard to imagine a more suitable A level subject for you. This is an opportunity to join the greatest, longest conversation in humanity, to embark on a voyage of discovery – of the world, society, yourself – and to grow in confidence to express your own critical and creative voice. We read for pleasure but we also read to learn about who we are, and we are privileged to have so many incredible texts to encounter throughout the A level course. We aim to develop your ability to engage critically and creatively with a substantial body of texts and effectively apply your knowledge of literary analysis and evaluation in writing. The course also promotes exploration of the contexts of the texts you are reading, as well as the responses of literary critics and other readers. English up to this point has given you just a taster of the great literature that has shaped the world - it's time to take things to the next level and join the feast.

What will I study? The course is divided into three components. In Drama and Poetry pre-1900, you have the opportunity to explore Shakespeare's *Hamlet*, as well as looking at Ibsen's *A Doll's House* in comparison with a selection of Christina Rossetti's poetry.

In Comparative and Contextual Study, you will explore a wide range of American Literature (1880-1940),

including Steinbeck's *The Grapes of Wrath* and Fitzgerald's *The Great Gatsby*. This unit develops wider contextual and critical understanding of American literature through consideration of a broad range of extracts in preparation for unseen critical analysis. You are also expected to consider comparisons between the novels you have studied.

Literature post-1900 is a coursework unit. You will write two essays: one is a close reading of a poem, while the other explores connections between a novel and a play.

All texts are supported by a range of secondary material, including recently published critical articles and texts, while you are encouraged to enrich your experience of literary discussion by regularly reading *The English Review*. A wide variety of theatre trips and academic trips form a vital part of forging active and meaningful interpretations of the set texts and their contexts. Our subscription to Digital Theatre + puts a world of drama at your fingertips, providing a wealth of productions and resources for all to enjoy.

How will I be assessed? The first two components are assessed by closed-text written examinations at the end of your Upper Sixth year. As mentioned above, Literature post-1900 is a coursework unit, worth 20% of the A level.

Unit title	Exam time	Exam questions	A level %
Drama and Poetry pre-1900	2h30	extended writing	40%
Comparative and Contextual Study	2h30	extended writing	40%

A Sixth Form lesson might involve...

- exploring and evaluating interpretations of Hamlet's inactivity,
- discussing representations of gender in Christina Rossetti's poetry,
- a close reading of a passage of American Literature.

Mr S Lenton, Head of English

Why choose Geography? Geography is a hugely relevant and broad subject which caters for a range of interests and skills. The course relates to current global issues, and pupils will be encouraged to find links to their own lives and experiences. Girls should be inquisitive, aware of global geographical issues, and have an appreciation of living as a 'global citizen'. Each topic will be linked to real examples to broaden knowledge and raise global awareness.

The purpose of the course is to provide every pupil with the opportunity to apply and build on the fundamental building blocks of prior geographical knowledge. Pupils will develop their knowledge and understanding of geographical concepts and appreciate the relevance of these concepts to our changing world. Through the study of a range of case studies, you will appreciate that people have different views of, and attitudes to, the world, its environments, and its issues. Discussion of a range of issues will develop an awareness of global issues and recognise the challenges of moving towards a sustainable future. The coursework element of the course builds on fieldwork skills and data presentation and analysis.

What will I study?

1 – Physical Systems. In the Coastal Landscapes topic you will learn about the processes that shape our coastline and the ways in which these are managed. You will assess the links between the carbon and water cycles as part of the Earth's Life Support Systems unit. You will cover a range of exciting case studies both locally and globally.

2 – Human Interactions. You will investigate the reasons why people move within countries and between countries, looking at patterns of migration and barriers to movement. You will study the ways in which human rights differ between countries and the links between development and peoples' rights. The Global Migration topic is hugely relevant while the Human Rights unit is eye opening with a global outlook. Changing Spaces; Making Places is an exciting topic addressing the perceptions of place and the different ways in which we use spaces.

3 – Geographical Debates. These two topics are more synoptic with links between Physical and Human Geography. As part of the Disease Dilemmas unit you will learn more about prevalent diseases and government responses. You will explore hazards in more detail in the Hazardous Earth topic, exploring the origins of the physical geography you see today and the ways in which people live in hazardous regions.

How will I be assessed? Along with three exams, you will also complete an independent Non-Examined Assessment (NEA) which is worth 20% of the course. This is an opportunity to put together an enquiry question, design methods, collect data, analyse results and draw conclusions on an area of interest. A residential trip is organised to prepare for this through investigation of coastal landscapes and peoples' perceptions of place, as well as urban geography. This is subsidised by the School and a cost of approximately £200 will be incurred for participating in this trip.

Unit title	Exam time	Exam questions	A level
Physical Systems	1 hr30	multiple choice to extended, evaluative essay questions	66 marks
Human Interactions	1 hr30	multiple choice to extended, evaluative essay questions	66 marks
Geographical Debates	2hr30	multiple choice to extended, evaluative essay questions	108 marks

A Sixth Form lesson might involve...

- experiencing first-hand evidence of changing physical landscapes,
- discussing and debating key geographical issues such as migration and human rights,
- developing evaluation skills to understand key geographical articles on topics including global disease.

You will have the opportunity to join the Geography Society and the Sixth Form Geography Book Club. These will encourage you to explore Geography beyond the syllabus and help you to broaden your understanding. You should take time to read and keep an eye on current affairs so as to ensure your case studies are up to date and relevant.

Mr S Bannister, Head of Geography

Why choose Government and Politics? The A level Politics course is an exciting two-year course that aims to help you understand the relationship between political institutions, processes and ideas. In your first and second years, you will study the government and politics of the UK and the US. In the second year, you will also learn about key political ideas on human nature, society and the state, and how these ideas have guided politicians to this day. You will develop an ability to analyse, interpret and evaluate political information critically, forming well-rounded arguments and reasoned judgements. Political developments can often take us by surprise. This course aims to help you make sense of these events and place them within their context.

This course will suit you if you are interested in current affairs and politics in Britain and the wider world. There is no specific requirement for pupils wishing to study Government and Politics at A level other than a genuine interest in learning more about the workings of government and political debate, and an open, flexible and enquiring mind.

The skills developed are excellent preparation for reading Politics at university, either alone or in combination with another subject. They will also stand you in good stead for a wide range of professions, whether more humanities-based, literary or scientific.

What will I study? The course is divided into three units. In Government and Politics of the UK, you consider a wide range of topics related to the UK Government, including the British constitution, devolution, parliament, the Prime Minister and Cabinet, the judiciary, and the role of the EU. You also explore democracy and participation, elections and referendums, and the influence of political parties and pressure groups.

In Government and Politics of the USA and Comparative Politics, you examine a range of issues related to the government of the USA and you begin to compare and contrast the approaches of the UK and US governments. Topics include the US Constitution, the judicial branch, the legislative branch, the executive branch, the electoral process and direct democracy, political parties, pressure groups and civil rights.

Finally, in Political Ideas, you conduct an in-depth exploration of the ideologies of liberalism, socialism, conservatism, and anarchism.

How will I be assessed? The units are assessed in three written examinations taken at the end of Upper Sixth.

Unit title	Exam time	Exam questions	A level %
Government and Politics of the UK	2h00	'explain', extract-based and evaluative essay questions	33.3%
Government and Politics of the USA and Comparative Politics	2h00	'explain', extract-based and evaluative essay questions	33.3%
Political ideas	2h00	'explain', extract-based and evaluative essay questions	33.3%

A Sixth Form lesson might involve...

- a whole-class discussion of UK and US current affairs and analysis and evaluation of the key points,
- drawing comparisons between institutions and political processes in the UK and the US,
- exploring the assumptions made by political thinkers and how these relate to ideas on the state and the economy.

Mr N George, Head of History and Government and Politics

Dr E Lorimer, Teacher in charge of Government and Politics

Why choose History? The great joy of History is that it is a study of humankind in all of its infinite complexity. We explore human nature, human failings, and human successes which were responses to events and attitudes that may be very different or very similar to our own. Choosing History means choosing to question and contextualise your own values and choosing to consider and understand other people's perspectives. Our exciting A level History course offers you the opportunity to study periods of dramatic and revolutionary change in Britain, Europe, and the wider world. As you learn about civil war in 17th century Britain, revolution in 20th century Russia, and the independence movement in the 19th and 20th century India, you will encounter a number of compelling characters, about whom you will reach your own conclusions. In so doing, you will also venture into fascinating debates about fundamental issues such as the 'right' relationship between ruler and ruled, the 'ideal' economic system, and the 'best' way to express dissent.

The study of History requires curiosity, a love of the written word, and a willingness to make and challenge judgements about the past. The aim of the A level course is to equip you with a broad range of historical knowledge and understanding. You will learn to evaluate critically the significance of a wide variety of source materials and interpretations. As you progress through the course we hope to instil in you the confidence to define your own questions and set your own goals. We teach advanced skills of analytical writing and discussion that should carry you far, whatever your chosen university discipline and career.

What will I study? The course is divided into three units. In the Breadth Study: Stuart Britain and the Crisis

of Monarchy, 1603-1702 you will explore issues of change, continuity, cause, and consequence in this period through key questions about the crucial reigns of James I and Charles I and the 'British revolution', including 'How far did the monarchy change?', 'To what extent and why was power more widely shared during this period?', 'Why and with what results were there disputes over religion?', 'How effective was opposition?', 'How important were ideas and ideology?' and 'How important was the role of key individuals and groups and how were they affected by developments?'

In the Depth Study: Revolution and Dictatorship: 1917-1953: The Russian Revolution and the Rise of Stalin, you study in depth the coming and practice of communism in Russia. You will explore concepts such as Marxism, communism, Leninism, and Stalinism, ideological control, and dictatorship. This unit also enables you to consider issues of political authority, the power of individuals, and the inter-relationship of governmental and economic and social change.

Finally, you will complete a coursework unit on Britain and India, c.1857-1948. This gives you the opportunity to address key aspects of Britain's relationship with its most important colony over a period of at least 100 years in order to develop your understanding of the process of change over a long period. You will gain an understanding of British treatment of India and how this changed over time, the Indian nationalist movement, and the role of figures such as Gandhi, Nehru, and Jinnah in the eventual gaining of Indian independence.

How will I be assessed? The first two units are assessed by written examinations at the end of the Sixth Form. The third unit is a 4500-word coursework essay, worth 20% of the A level.

Unit title	Exam time	Exam questions	A level %
Breadth Study	2h30	partly historical interpretation	40%
Depth Study	2h30	partly source-based	40%

A Sixth Form lesson might involve...

- reading and analysing texts and sources on the causes of Stalin's purges – how was the murder of millions justified by the communist dictator?
- discussion and debate on the reasons for India's independence – does Gandhi deserve all of the credit?
- re-enactment, including by film-making, of the execution of Charles I.

Mr Neill George, Head of History and Government and Politics

Why choose History of Art? The History of Art A level allows you to explore global art and architecture from 500BC to the present day. Studying History of Art provides you with in-depth knowledge about particular works of art and architecture and gives you the analytical skills and technical vocabulary to think and write critically about any paintings, sculptures and buildings that you encounter. All of the works studied are placed in their cultural and historical contexts so that the ways in which they reflect society and ideas can be explored. History of Art therefore helps to provide you with a broad understanding of many different historical periods, cultures, groups and individuals from across the globe.

No prior knowledge or practical artistic skill is needed to study History of Art. A general interest in art and architecture and a desire to know more is all that is required. History of Art is a humanities subject that provides similar analytical and essay writing skills to other subjects such as History, English and Religious Studies, whilst also enhancing your visual insight and awareness.

The History of Art Department organises numerous day trips to museums and galleries in London such as the Royal Academy and the Victoria and Albert Museum. There is a very popular trip to Florence and Rome to support the teaching of the Renaissance and Baroque period studies. You will have the opportunity to enter national Art History competitions such as ARTiculation, SPoKE and Write on Art.

What will I study? The course is divided into two papers, Visual Analysis and Themes, and Periods. You will begin in LVI by focusing on visual analysis where you will be equipped with the skills and terminology to analyse and interpret any painting, sculpture or building. You will

then study one Theme: Nature, and one Period: The Renaissance in Italy. The Nature in Art and Architecture theme focuses on how the natural world has inspired works of art and architecture. You will study works by a variety of artists and architects including J.M.W. Turner, Katsushika Hokusai, Barbara Hepworth, Vincent van Gogh, Ai Weiwei, Damien Hirst and Frank Lloyd Wright. Invention and Illusion: The Renaissance in Italy (1420-1520) spans one of the most extraordinary concentrations of artistic achievement that the world has ever seen. The ideas, values and iconic artworks of the Italian Renaissance continue to shape our own ideas of beauty, perfection and culture today. Beginning with the innovative challenges of Masaccio in Florence, you will explore the cultural contexts of the Renaissance in Rome and Venice through the work of artists such as Donatello, Brunelleschi, Raphael, Michelangelo and Titian.

In UVI you will study an additional Theme: Identities and a further Period: The Baroque in Catholic Europe. Identities in Art and Architecture considers how art reflects and shapes our understanding of identity, be it status, gender, religion, nationality or ethnicity. You will study a variety of works by artists and architects including Jan van Eyck, Frida Kahlo, Marc Quinn, Edouard Manet, Salvador Dali and Christopher Wren. In Power and Persuasion: The Baroque in Catholic Europe (1597-1685) you will investigate the impact of religious, historical and philosophical factors on art and its audiences across Italy, France, Spain and the Spanish Netherlands. Artists and architects studied will include Caravaggio, Bernini, Gentileschi, Rubens and Velázquez.

How will I be assessed? Both units are assessed in written exams at the end of the Upper Sixth.

Unit title	Exam time	Exam questions	A level %
Visual Analysis and Themes	3h00	extended writing, some visual stimulus	50%
Periods	3h00	short answers, extended writing	50%

A Sixth Form lesson might involve...

- learning about how the life of an artist impacted their work, eg Why did Bernini sculpt a portrait of his mistress but then send a servant to mutilate her face? Why did Quinn make a self-portrait using his own blood?
- researching and curating your own virtual exhibition on a topic such as the depiction of the female nude in art. Why is the female nude so much more common than the male nude in art?
- taking a tour around Wycombe Abbey to analyse the architectural features and works of art that you probably never noticed before. Did you know that in our classroom we have a rose window?

Ms E Bowen, Head of History of Art

Why choose Latin? The A level Latin course is perfect for those of you who would like to extend your knowledge of the Latin language and read some of the greatest prose and verse literature in the original Latin language. Through studying Latin literature, you will acquire a deeper knowledge and understanding of the culture, politics and society of ancient Rome and will be encouraged to consider the influence of these great classical texts on later European literature and values.

Latin complements many popular A level subjects, particularly Classical Greek, French, Spanish, Mathematics, English Literature, Religious Studies and History. The Latin A level course will develop your linguistic, analytical and evaluative skills and as a result will provide an excellent foundation for a number of degree courses including Classics, Law, Ancient and Modern History, Archaeology, Anthropology, English, Philosophy and Theology. If you enjoy studying Latin language and literature and have a keen interest in the Roman world, A level Latin may be the course for you.

The A level Latin course is normally limited to those who already have Latin GCSE, as the course will build on the linguistic foundations which you have already acquired during your GCSE course.

What will I study? The course consists of four units. The Unseen Translation and Prose Composition or Comprehension units require you to translate both prose and verse unseens. You will also choose between an English into Latin exercise or a comprehension, with questions testing both basic understanding and your knowledge of syntax and grammar. The focus for much of these units is on building your vocabulary and knowledge of linguistic structures.

The Prose Literature and Verse Literature units cover set texts chosen from works by Cicero, Tacitus, Virgil and Ovid.

How will I be assessed? The units are assessed in four written papers at the end of the Upper Sixth.

Unit title	Exam time	Exam questions	A level %
Unseen Translation	1h45	translation of two passages of Latin, scan two lines of verse	33%
Prose Composition or Comprehension	1h15	translation, grammar, comprehension or translation of a passage into Latin	17%
Prose Literature	2h00	translation of a passage of set text, extended writing	25%
Verse Literature	2h00	translation of a passage of set text, extended writing	25%

A Sixth Form lesson might involve...

- exploring the historical context of an unseen translation passage,
- analysing and discussing the various literary devices used by the greatest authors of the Roman world,
- learning how to scan the metre of elegiacs or hexameters in order to appreciate the sound of Latin poetry.

Dr C Tsaknaki, Head of Classics

There are three pathways in Mathematics available in the Sixth Form:

1. Mathematics A level (over two years)
2. Mathematics A level (over two years) and Further Mathematics AS level (over one year in the Upper Sixth)
3. Mathematics A level (over one year in the Lower Sixth) and Further Mathematics A level (over one year in the Upper Sixth)

Mathematics A level (over two years)

Why choose Mathematics A level? Mathematics A level is designed to build upon the mathematics studied at GCSE and prepare you for a degree with a significant mathematical component or where clarity of thought and logic are highly valued. It is challenging but interesting, introducing new ideas that some of the greatest minds of the millennium have produced. It serves as a very useful support for many qualifications as well as being a sought-after qualification for the workplace and for courses in higher education.

The study of Mathematics A level will suit you if you enjoy the challenge of problem solving using algebraic methods. The Pure Mathematics content requires a very sound knowledge of GCSE or IGCSE Mathematics, particularly the sections devoted to algebra and trigonometry. The Statistics content extends the probability and statistics learned in GCSE and IGCSE Mathematics, and the Mechanics content extends the areas of GCSE and IGCSE Physics that deal with forces, velocities, momentum and energy.

What will I study? The A level course is divided into Pure Mathematics, Mechanics and Statistics. Topics that are studied in year one of the course are built on in year two with the level of mathematics becoming progressively more challenging.

In Pure Mathematics at A level you will extend your knowledge of such topics as algebra and trigonometry as well as learning some new ideas, including calculus and numerical methods. If you enjoyed the challenge of problem solving at IGCSE using such techniques, then

you should find this course appealing. Although many of the ideas met in Pure Mathematics are interesting in their own right, they also serve as an important foundation for other branches of Mathematics, especially Mechanics and Statistics.

When studying Mechanics, you will learn how to describe mathematically the motion of objects and how they respond to the forces acting upon them, from cars in the street to satellites revolving around a planet. You will also learn the technique of mathematical modelling, that is of turning a complicated physical problem into a simpler one that can be analysed and solved using mathematical methods. Many of the ideas met in the course offer a vital introduction to such important modern fields of study as cybernetics, robotics, biomechanics and sports science, as well as to the more traditional areas of engineering and physics.

In Statistics, you will learn how to analyse and summarise numerical data in order to arrive at conclusions. The range of probability problems that started at IGCSE is thus extended by using the new mathematical techniques studied on the Pure Mathematics course. Many of the ideas met in this course have applications in a wide area of other fields - from assessing the cost of car insurance to probability of a comet hitting the Earth in the near future. It supports such subjects as Geography, Biology and Economics particularly well.

How will I be assessed? The units are assessed in three examinations taken at the end of Upper Sixth.

Unit title	Exam time	Exam questions	A level %
Pure Mathematics 1	2h00	calculators allowed	33.3%
Pure Mathematics 2	2h00	calculators allowed	33.3%
Statistics and Mechanics	2h00	calculators allowed	33.3%

Mathematics A level (over two years) cont...

A Sixth Form lesson might involve...

- calculating the sum of an infinite series to determine the distance travelled by an object.
- modelling the rate of increase of a population of rabbits over time using differential equations.
- using the normal distribution to investigate the waiting time at a doctor's surgery.

Mathematics A level and Further Mathematics AS level

Why choose Mathematics A level and Further Mathematics AS level? In this combination, the Mathematics course A level will be the same as the standard course over two years, taught in the same number of periods. The Further Mathematics AS level course aims to push the concepts even further whilst introducing brand new topics such as complex numbers and matrices. This will be perfect for those whose future university subject or career might require more mathematics than the single A level provides. Good examples of such courses would include Economics and some Science or Engineering courses.

What will I study? The Mathematics A level course will be covered in the standard two year course classes. You will take additional lessons in the Upper Sixth to cover

the Further Mathematics AS level course. The Further Mathematics course is divided into two units. In Core Pure Mathematics, you will examine proof, complex numbers, matrices, and further work on algebra, calculus and vectors. In Further Mathematics Options, you have the opportunity to take a paper extending your understanding of Statistics or Mechanics. You can also opt to study Decision Mathematics, which includes work on algorithms and networks.

How will I be assessed? The units are assessed in two examinations taken at the end of Upper Sixth alongside the three examinations for Mathematics A level.

Unit title	Exam time	Exam questions	AS level %
Core Pure Mathematics	1 h40	calculators allowed	50%
Further Mathematics Options	1 h40	calculators allowed	50%

Mathematics A level and Further Mathematics A level

Why choose Mathematics A level and Further Mathematics A level?

This course aims to immerse you deeply in the incredible world of Mathematics. It is designed to prepare you for the study of a very mathematical course at university, for example, Mathematics, Physics or Engineering.

What will I study? You will cover the entire Mathematics A level course in the Lower Sixth and the entire Further Mathematics A level course in the Upper Sixth. The Further Mathematics content

extends the topics covered in the first year, whilst introducing new topics such as complex numbers, linear algebra and hyperbolic functions. It also allows the opportunity to introduce new concepts in Statistics, Mechanics and Decision. It is divided into four units: Core Pure Mathematics One and Two, and Further Mathematics Option One and Two.

How will I be assessed? The units are assessed in four examinations taken at the end of Upper Sixth alongside the three examinations for Mathematics A level.

Unit title	Exam time	Exam questions	A level %
Core Pure Mathematics 1	1h30	calculators allowed	25%
Core Pure Mathematics 2	1h30	calculators allowed	25%
Further Mathematics Option 1	1h30	calculators allowed	25%
Further Mathematics Option 2	1h30	calculators allowed	25%

A Sixth Form lesson might involve...

- studying matrices which are used to control the motion of characters in CGI films.
- discussing the air flow over an airplane wing using complex numbers.
- using critical path analysis to schedule a workforce to complete a project.

Dr I Wallwork, Head of Mathematics



Modern Languages

French, German and Spanish

Why choose a Modern Language? If you choose to study one or more of French, Spanish and German, you will be choosing to study an A level which will open unexpected doors to an impressive range of life skills and career opportunities. Wittgenstein famously said 'the limits of my language mean the limits of my world' and the paths that that can lead from further study of a modern language are numerous and sometimes surprising.

Learning a language helps to improve your decision making; it improves your skills of perception. Through the skills that you learn of prioritising, filtering and making quick decisions under pressure, this enables you to gain the ability to filter out irrelevant and unnecessary details. So in learning a foreign language, and thereby becoming adept at spotting misleading information, you are acquiring skills essential for negotiation, for building meaningful relationships. In short, you are improving and enhancing your future employability in every sector.

Through the two years of the A level course, you will develop further your communication and comprehension skills, whilst deepening your understanding of the grammar of your chosen language(s), and you will acquire a cultural appreciation of your chosen country. You will explore the country's heritage through articles from newspapers, magazines, websites and, of course, through studying literature, films and music.

As you progress into the Upper Sixth you will focus on contemporary issues and you will need to keep up to date with current affairs and issues. Naturally, studying a language outside your chosen target language country will never be as effective as learning it within the country, so it is hoped that you can spend part of your long holidays in the target language country and participate in school trips to put into practice what you have learned in the classroom.

You will need to have secured a high grade at GCSE to be able to join the Lower Sixth class. In all lessons you are encouraged to participate, respond, and share your opinions and views. In addition to weekly language and culture lessons, you will also attend weekly conversation lessons in small groups with a native speaker, who will help you prepare for the oral component and focus on your intonation, fluency and pronunciation. Attendance at the language-specific weekly News Club is considered to be an integral part of the course.

So, why study Modern Languages post-GCSE? Because it will provide you with so many more options after school. The skills learned through further study of languages are highly valued by employers, and you may need languages for all sorts of career destinations: doctors, psychologists, bankers, entrepreneurs, lawyers, the Lord Chief Justice (a Wycombe Abbey Senior who studied languages at Cambridge) to name but a few, all need language skills to communicate effectively.

To quote one pupil: 'It is a brilliant course and gives you the opportunity to tap into other cultures as well as studying a broad range of topics: history, literature, philosophy, politics, cinema ... the list goes on!'

Mrs L Nott, Head of Modern Languages and French

Modern Languages cont...

French

AQA

What will I study? You will examine social issues, social trends, politics, current affairs and cultural matters as they pertain to France and French-speaking countries. As well as considering the impact of the French presidential elections, your work will include amongst others a study of equal opportunities in France, of social issues and of the impact of technology in our daily lives. Culture lessons will include references to significant events from 20th and 21st century French society; we will discuss different genres of music and the influence of multiculturalism on listening habits in France. We focus on the impact of youth culture by analysing films such as *La Haine* and *Les 400 Coups*. During your conversation lesson, you can expect to debate contentious and important issues.

In the Upper Sixth, you will explore the impact of the Occupation in France through study of Joffo's *Un Sac de*

Billes, and at least another text such as *Tartuffe* by Molière. The topics of your conversation lessons are closely linked to your course and you will have the opportunity to present an aspect of culture you have found particularly interesting. All French pupils will take part in cultural events throughout the year, including theatre trips to Oxford and London and lectures at the French Institute. You should also attend workshops and dinners run by our Modern Linguists Society and the International Film Club. Wycombe Abbey is building a strong reputation for debate in the yearly national competition held in London which we hope you will be able to maintain.

How will I be assessed? You are assessed in an oral examination with a visiting examiner and two written papers. All are taken at the end of the Upper Sixth year.

Unit title	Exam time	Exam questions	A level %
Listening, Reading and Writing	2h30	comprehension and textual response translation into/from French	50%
Writing	2h00	two essays in French on set texts/films	20%
Speaking	c.22m	prepared and unprepared discussion	30%

A Sixth Form lesson might involve...

- familiarising yourself with French slang whilst exploring social issues through the medium of contemporary cinema and music,
- discussing the changing trends in the family from a French perspective,
- considering the impact of anti-Semitism in France during the Occupation and its legacy today.

Ms L Nott, Head of French

Modern Languages cont...

German

AQA

What will I Study? Studying A Level German will allow you to develop your linguistic skills alongside your understanding of the culture and society of the countries where German is spoken. The course focuses on how German-speaking society has been shaped socially and culturally and how it continues to change. In the Lower Sixth, aspects of the social context are studied, together with aspects of the artistic life of German-speaking countries. In the Upper Sixth, further aspects of the social background are covered, alongside the German political landscape, both in relation to Germany itself and its place in Europe. The past and its role in shaping the present is viewed through the topic of reunification and its consequences, while the focus on young people and

politics looks forward to shaping the future of German-speaking countries. During your conversation lessons, you can expect to debate contentious and important issues.

In culture lessons, you will study texts and film, for example *Die Verwandlung* by Franz Kafka and *das Leben der Anderen*. In addition, you will also have the opportunity to carry out independent research on an area of your choice.

How will I be assessed? You will be assessed in an oral examination with a visiting examiner and two papers involving listening, reading, translation and writing skills. All papers are taken at the end of the Upper Sixth year.

Unit title	Exam time	Exam questions	A level %
Listening, Reading and Writing	2h30	comprehension and textual response translation into/ from German	50%
Writing	2h00	two essays in German on set texts/films	20%
Speaking	c.22m	prepared and unprepared discussion	30%

A Sixth Form lesson might involve...

- debating the pros and cons of Germany's decision to stop using all nuclear energy,
- watching a film extract on the topic of immigration and discussing the issues involved,
- presenting your research about a singer or group currently in the German charts.

Mrs M Dworkin, Head of German

Modern Languages cont...

Spanish

AQA

What will I study? In the Lower Sixth, lessons will relate to the themes of social issues, social trends, politics, current affairs, the arts and cultural matters as they pertain to Spain and/or Spanish-speaking countries. The focus will be on the ever-growing influence and rich heritage of the Hispanic world, whilst evaluating how the viewpoint of today's Spanish speaking citizens is still being shaped by their diverse and deep-rooted set of customs, festivals and traditions. You will have time to consider the cultural significance of World Heritage Sites such as the Alhambra and Machu Picchu but also learn to appreciate the wealth of Spanish musical and artistic manifestations. In the Upper Sixth, culture lessons will turn to a more interdisciplinary exploration of contemporary political issues that have arisen out of complex historical events. Through the set works in film and literature you will gain

awareness of the impact of the Spanish Civil War and the dictatorial system that followed. A programme of extra-curricular Hispanic cultural events is offered throughout the academic year, including theatre trips to London, competitions and workshops twinned with other schools and the language immersion trip to Salamanca, a city regarded by many as the 'Spanish Oxford', which runs every other year.

How will I be assessed? You are assessed in an oral examination with a visiting examiner and two written papers. All are taken at the end of the Upper Sixth year.

Unit title	Exam time	Exam questions	A level %
Listening, Reading and Writing	2h30	comprehension, textual response translation into/from Spanish	50%
Writing	2h00	two essays in Spanish on set texts/films	20%
Speaking	c.22m	prepared and unprepared discussion	30%

A Sixth Form lesson might involve...

- discussing the importance of politics in young people's lives,
- looking at existing legislation against racism,
- understanding the impact of the civil war and Franco's dictatorship.

Mr L Fuentes Olea Head of Spanish

Why choose Music? Music at A level is a hugely varied course that follows on naturally from the IGCSE course. It continues to focus on the elements of Performing, Composing, Listening and the History of Music, but in greater detail and taking the associated skills to a higher level. The skills and content of the A level Music course provide excellent preparation for studying Music at undergraduate level either at universities or conservatoires. The broad range of skills developed through the course – practical, aural, creative, analytical and historical – provide excellent preparation for a wide range of other humanities and language subjects at university. Many pupils choose A level Music alongside Maths and Sciences and this combination works extremely well.

The course is designed to develop your skills as a performer, undertaking and learning from regular recorded performances as a soloist and/or ensemble player. It is expected that you will play a full role in the extra-curricular life of the department to further enhance your performing experience and enable you to access the highest marks. You will learn how to develop your own compositional skills finally producing a free-choice composition. You will also study four-part harmony in the style of J S Bach. Finally, through the study of a variety of set works from across the history of Western Classical music, world and popular music you will gain a deep understanding of how styles and genres have evolved, and you will develop your aural perception skills through listening exercises.

You do not need to have followed the IGCSE Music course in order to study the subject at A level, but you should be a competent instrumentalist or singer of at least Grade 6 standard at the start of the course and, if you have not studied IGCSE Music a pass at Grade 5 theory would be helpful.

What will I study? The course is divided into three units. In Performing you will perform regularly throughout the course, being involved in various aspects

of the musical life at Wycombe Abbey, as a soloist and ensemble player. You will undertake recorded performances and listen back to them critically. At the end of the course you will produce a recording (either solo and/or ensemble) lasting a minimum of eight minutes. This unit is non-examined and is assessed instead by coursework.

For the Composing component, you will compose in many different styles and will learn how to write four-part vocal harmony in the style of J S Bach. At the end of the course you will have produced two submitted pieces. One will be a composition (either free choice or in response to a title given by the examination board) lasting a minimum of four minutes. The other will be a harmony exercise, writing music by adding Alto, Tenor and Bass parts to a given Soprano line in the style of J S Bach (Bach Chorale). These coursework pieces complete the assessment for this unit.

In the Appraising unit, you will study set works from each of these musical topic areas: Vocal music, Instrumental music, Music for film, Popular music and Jazz, Fusion (World Music), and New directions (20th and 21st century music).

The set works will include pieces by J S Bach, Berlioz, Vaughan Williams, Debussy, Danny Elfman, the Beatles and many more. You will learn about the stylistic features of the genres, the historical context of the set pieces and how to analyse the music using technical vocabulary. You will also develop your aural skills. Set works will be studied in depth but there will also be a wider listening repertoire list provided by the examination board to introduce you to the work of other composers who wrote in those styles.

How will I be assessed? Two of the three components – Performing and Composing – are completed through the submission of coursework which is then externally assessed. Each of these components is worth 30% of the A level. There is one written examination taken at the end of the Upper Sixth year.

Unit title	Exam time	Exam questions	A level %
Appraising	2h00	questions on set works, melody/rhythm completion, listening exercise, essay questions	40%

A Sixth Form lesson might involve...

- analysing the musical features of Bernard Herman's score for the movie, Psycho, and learning about the composer and historical context of the piece,
- adding a bass line to a given soprano melody to provide a foundation for stylistic harmonic progressions,
- composing a short composition exploring different ways of changing key.

Mr S Reid, Director of Music

Why choose Physical Education? If you are interested in building on your existing abilities, at whatever level, in Physical Education and have genuine enthusiasm and enjoyment for the subject, then it may be the right choice for you. The A level specification seeks to develop your skills and abilities, challenging you to be a reflective participant and requiring you to be involved in activities in order to acquire knowledge and understanding as the basis for improved performance.

The course is designed to encourage you to build on your previous experience to enhance your knowledge and increase your understanding of the modern day sporting arena; evaluate and discuss current developments in sport such as the impact of new technology, sport-specific rehabilitation and use of ergogenic aids; develop an ability to appreciate the relationship between theory and practice and to apply theoretical knowledge to develop understanding of practical performance in sport; and pursue and develop the performance and analysis of one physical activity throughout the course.

The academic rigour of this subject is maintained by its weighting towards examination questions rather than coursework. It is an interesting course, requiring lots of different study skills, and will provide an enjoyable breadth and balance to your other studies.

What will I study? The course is divided into three papers. In Factors Affecting Participation in Physical Activity and Sport, you study three topics: Applied Anatomy and Physiology, Skill Acquisition and Sport and Society. In the first topic, you develop knowledge and understanding of the changes within the body systems prior to exercise, during exercise of differing intensities and during recovery. You will interpret data and graphs

relating to changes within the musculoskeletal, cardio-respiratory and neuro-muscular systems and the use of energy systems during different types of physical activity and sport and the recovery process. In the second topic, you will learn how skill is acquired and the impact of psychological factors on performance, and will develop your understanding of the principles required to optimise the learning of new, and the development of existing skills. In the third topic, you explore the interaction between sport and society.

Factors Affecting Optimal Performance in Physical Activity and Sport also consists of three topics: Exercise Physiology and Biomechanics, Sport and Psychology and Sport and Society and Technology in Sport. The first topic considers the adaptations to the body systems through training or lifestyle, and how these changes affect the efficiency of those systems. Pupils develop knowledge and understanding of motion and forces, and their relevance to performance in physical activity and sport. The second topic explores the role of sport psychology in optimising performance in physical activity and sport. The third topic allows you to examine the interaction between sport and society and the technological developments in physical activity and sport.

The Practical Performance in Physical Activity and Sport paper is a non-examined assessment, where you are assessed as a performer or coach in the full-sided version of one practical activity. You also complete written/verbal analysis of your performance.

How will I be assessed? Two of the papers are assessed in two written examinations at the end of the Upper Sixth. The third paper is a non-examined assessment, worth 30% of the A level.

Paper title	Exam time	Exam questions	A level %
Factors Affecting Participation in Physical Activity and Sport	2h00	multiple-choice, short answer extended writing	35%
Factors Affecting Optimal Performance in Physical Activity and Sport	2h00	multiple-choice, short answer extended writing	35%

A Sixth Form lesson might involve...

- visiting Sport Science laboratories to complete physiological monitoring,
- discovering the provenance of historical sports – Mob Football, Real Tennis and the Ancient Olympic Games,
- creating links between your own psychology and behaviour in sport in relation to elite performers, such as Olympic medallists or World Champions.

Mrs S Bryett-Windle, Director of Sport

Why choose Physics? The A level Physics specification provides an innovative and contemporary course, which will encourage you to gain knowledge and understanding in Physics and its applications, and to develop your enjoyment and interest in the subject. You will develop the skills to link theory to experiment in new and changing situations, and will acquire an appreciation of how Physics has developed and is used in present-day society. You will realise the importance of Physics as an endeavour which interacts with social, philosophical, and economic matters, you will recognise the quantitative nature of Physics and how mathematical expressions relate to physical principles.

Physics is a suitable choice for you if you have found Physics interesting and enjoyable at GCSE or IGCSE, if you want to find out about how things in the physical world work, and if you enjoy applying your mind to solving problems. A grade 7 or above at GCSE or IGCSE in Physics is desirable. A good grade in GCSE or IGCSE Mathematics is also a requirement. It is not necessary to study A level Mathematics in order to be successful in Physics; there is a Mathematics for Science course which runs throughout the Sixth Form and is designed to equip you with the necessary mathematical skills if you are not taking Mathematics A level.

What will I study? The course is divided into ten units. In Particles and Quantum Phenomena, you will venture into the exciting field of Particle Physics and be introduced to the fundamental properties and nature of matter, electromagnetic radiation, wave-particle duality and the photoelectric effect. Electricity builds on your knowledge and provides opportunities for practical work and discussion of important applications. In Mechanics, you will be introduced to vectors, develop your

experience of forces and energy, and learn how to analyse projectile motion. Materials involves the study of the bulk properties and tensile strength of materials, including some destructive testing. In Waves, your knowledge will be expanded to include refraction, diffraction, interference and superposition.

Fields explores one of the great unifying ideas in Physics. You will develop your understanding of gravitation, electrostatics and magnetic field theory and their practical applications, including planetary and satellite orbits. In Further Mechanics, your knowledge of mechanics is stretched to include circular motion and simple harmonic motion as well as forced vibrations and resonance. Thermal Physics considers the thermal properties of materials, specific heat capacity and latent heat. You will also extend your knowledge of ideal gases and the molecular kinetic theory model. Nuclear Physics covers the characteristics of the nucleus, the properties of unstable nuclei and the emission of alpha, beta and gamma radiation. You will look into how energy is obtained from the nucleus by fission and fusion.

We choose the final topic from the following: Astrophysics, Medical Physics, Engineering Physics, Turning Points in Physics or Electronics. We usually opt for Medical Physics (the physics of vision, ECG machines, MRI and x-ray imaging).

Every two years there is a trip to CERN in Geneva to see the world-famous Particle Physics laboratories. We encourage you to subscribe to Physics Review magazine which provides useful and interesting reading.

How will I be assessed? The topics are assessed in three written examinations at the end of the Upper Sixth.

Paper title	Exam time	Exam questions	A level %
Paper 1 (Topics 1-5)	2h00	multiple-choice, short and long answer	34%
Paper 2 (Topics 6-9)	2h00	multiple-choice, short and long answer	34%
Paper 3 (Practical skills, data analysis, Topic 10)	2h00	short and long answer	32%

Your practical skills are also assessed throughout the course: you will need to demonstrate competence in 12 skills areas, from use of an oscilloscope to safe handling of ionising radiation.

A Sixth Form lesson might involve...

- observing particle tracks in a cloud chamber and forming hypotheses from your observations,
- using quantum mechanics to explain the appearance of neon lights,
- calculating the speed you would need to fire a rocket to escape the surface of Mars.

Mrs S Buxton, Director of Science and STEM

Why choose Psychology? Psychology is the scientific study of the human mind and behaviour. The course builds on skills developed in both the sciences and humanities, blending scientific enquiry and practical research with critical analysis and evaluative writing. For that reason, Psychology is a discipline which combines the strengths of a wide variety of subjects. Hugely relevant and increasingly popular, it is a versatile, facilitating course which enables progression into several future career options. Psychology is particularly relevant to professions which require an understanding of human behaviour, including Medicine, Law, and Business, as well as specialised fields within Chartered Psychology.

The A Level is an exciting and rigorous course which caters for a broad range of academic interests. Psychologists inspect the most captivating human phenomena and they aim to understand everything from phobias to gender dysphoria. The AQA syllabus is designed to give a broad overview of behaviours – some of which you will encounter in your everyday life, and others which are fascinatingly atypical - and then equip you with the scientific framework by which you can interpret them.

No prior knowledge of Psychology is required, but a curiosity about people and a desire to learn more about human experience is essential. A basic mathematical understanding (covered by the GCSE specifications) and an interest in conducting scientific research is helpful.

What will I study? The course content is broad at A level, and pupils are aiming for three main Assessment Objectives throughout: Knowledge, Application, and Analysis.

Paper 1: Introductory topics in Psychology: this paper covers four main areas of Psychology – Social Influence (concepts including conformity, obedience, deindividuation and minority influence), Memory (theoretical models of how we store memories, as well as explanations for why we forget), Attachment (the study of early childhood development and what happens as infants bond to their caregivers) and Psychopathology (the study of mental illnesses).

Paper 2: Psychology in Context: This paper is split into three sections – Approaches (Behaviourism, Social Learning, Biological Approach, Psychodynamic Theory, Cognitive Neuroscience and Humanistic Psychology), Biopsychology (a closer look at the nervous system, the endocrine system, brain damage and biological rhythms and Research Methods. Much of this paper requires pupils to apply their knowledge of psychological theory to unseen scenarios.

Paper 3: Issues and Options: The Issues and Debates section of this paper is compulsory, but the remaining three topics are chosen out of a possible nine. This covers the 'Big Questions' in psychological research, such as Nature v Nurture, Free Will v Determinism and Reductionism v Holism. It also raises the highly relevant questions of gender and culture bias in research. Pupils will choose one topic from each block in collaboration with their teacher:

- A) Relationships, Gender, Cognition and Development
- B) Schizophrenia, Eating Behaviour, Stress
- C) Aggression, Forensic Psychology, Addiction

How will I be assessed? The course is divided into three papers, all of which are examined at the end of the Upper Sixth year.

Paper title	Exam time	Exam questions	A level %
Introductory topics in Psychology	2h00	multiple-choice, short and extended answer	33.3%
Psychology in Context	2h00	multiple-choice, short and extended answer	33.3%
Issues and Options	2h00	multiple-choice, short and extended answer	33.3%

A Sixth Form lesson might involve...

- solving a murder mystery where pupils must unpick the clues to find evidence of explanations for aggression,
- class discussion and group debate on the evidence for free will or determinism,
- learning about the localised regions of the brain responsible for specific functions, and observing what happens to human behaviour when these regions are damaged.

Why choose Religious Studies? The course combines the traditional with the modern and is designed to develop your interest and enthusiasm for the rigorous study of religion. It encourages the skills of enquiry and critical analysis in relation to issues in philosophy, ethics and theology and you will be encouraged to explore the contributions of key philosophers, while at the same time reflecting upon your own values and beliefs. You will then be required to articulate these through reasoned argument with reference to established scholarly thinking.

An interest in debating and a willingness to read around the subject are beneficial. No previous experience of Religious Studies or Philosophy and Ethics at GCSE is needed.

The course is an excellent foundation for those of you wishing to pursue Philosophy or Theology at university. It also acts as a good basis for those hoping to enter careers in law, the media, education and medicine. The study of Religious Studies complements many other disciplines and prepares you for the demands of academic study in a variety of fields including History of Art, Anthropology, Psychology, Politics and Law.

What will I study? The courses is divided into three units: Philosophy of Religion, Religion and Ethics and Developments in Christian Thoughts. All units are taught across the two years of Sixth Form.

The Lower Sixth course covers the Philosophy of Religion, Ethics and Theology, including a study of major

philosophical influences such as the work of Aristotle and Plato and their relation to classical arguments for the existence of God, the philosophy of mind and the problem of evil. It also includes the exploration of ethical theories such as natural moral law, utilitarianism and situation ethics and the application of these to ethical dilemmas (eg sexual ethics and euthanasia). The course also draws connections between philosophy and theology through the study of Christology and Soteriology (salvation and the afterlife).

The Upper Sixth course builds upon the knowledge, understanding and skills developed in the Lower Sixth year. Topics which require detailed study include the nature and meaning of religious language and the challenge of logical positivism. You will also explore 20th-century perspectives of faith, including revelation and religious experience, religious pluralism and the challenge posed to traditional viewpoints by developments in sociology, psychology and secular approaches. A study of metaethics (the meaning of ethical language), business ethics and modern developments in ethical thought will also be pursued in relation to issues such as gender in society and theology.

You are expected to extend your knowledge by reading around the subject.

How will I be assessed? The papers are assessed in three written examinations at the end of the Upper Sixth.

Paper title	Exam time	Exam questions	A level %
Philosophy of Religion	2h00	extended writing	33.3%
Religion and Ethics	2h00	extended writing	33.3%
Developments in Christian Thought	2h00	extended writing	33.3%

A Sixth Form lesson might involve...

- reading Plato's allegory of the cave and deciding whether his view of knowledge is valid,
- watching Richard Dawkins and Alister McGrath debate 'The God Delusion',
- applying Kantian Ethics and Utilitarianism to issues of corporate responsibility, like the Ford Pinto case.

Mrs A Khan, Head of Religious Studies

What will I study? In the Lower Sixth, lessons will relate to the themes of social issues, social trends, current affairs, education, work, and cultural matters as they pertain to China and Chinese-speaking countries and/or regions.

You will focus on the dynamism of the changes in the modern Chinese society and its impact on shaping young people's ideas and values. There will be lessons to explore various aspects of the Chinese cultural diversity, from traditional festivals to contemporary art and cinema.

In the Upper Sixth, lessons will turn to a more detailed exploration of themes related to hot topics of social media, such as work/life balance and environment protection. You will consider the more recent impact of

technology breakthroughs on young people, as well as domestic social issues arisen from the widening gap between the rich and the poor and accelerating urbanisation. All Chinese pupils are encouraged to participate in cultural events throughout the year, such as workshops and dinners run by our Modern Linguists Society, the International Film Club, the Oriental Society, and lectures organised by the British Film Institute.

How will I be assessed? You are assessed in an online oral examination by recording your answers following the instructions and one written paper.

The Level 3 test is taken at the end of the Lower Sixth year, and the Level 4 test is taken at the end of the Upper Sixth year.

Level 3	Unit title	Exam time	Exam questions
	Listening	c. 35m	Comprehension, multiple choice, true/false questions
	Reading	30m	Comprehension, multiple choice, true/false questions
	Writing	15m	Sentence arrangement and use of correct characters
	Speaking	c. 11m	Repeat the sentences you heard, using Chinese to describe the pictures, unprepared discussion
Level 4	Unit title	Exam time	Exam questions
	Listening	c. 30m	Comprehension, multiple choice, true/false questions, sentence arrangement
	Reading	40m	Comprehension, multiple choice, true/false questions, sentence arrangement
	Writing	25m	Write out sentence using correct characters, Create sentence based on a picture and word provided
	Speaking	c. 11m	Repeat the sentences you heard, using Chinese to describe the pictures, unprepared discussion

A Sixth Form lesson might involve:

- discussing the changing trends in the family from a Chinese perspective.,
- familiarising yourself with Chinese expressions and slang whilst exploring social issues through the medium of contemporary cinema and music,
- discussing traditional Chinese values to explore the Chinese philosophy about the relationship between humans and nature.

Mrs X Wan, Head of Chinese

The Carrington Award

In 2021 Wycombe Abbey's Carrington Award won the Creativity Award at the TES Independent School Awards. The Carrington Award was developed with the principle that our role extends to preparing you for the many challenges that you will face in your personal and professional adult lives. It aims to develop your abilities and knowledge in the following areas:

- Study skills for lifelong learning.
- Leadership in theory and practice.
- Critical analysis and argument.
- Applying for internships and graduate jobs.
- Preparation for higher education.
- Personal wellbeing and self-development.

Throughout the Lower Sixth you will receive four periods a week of teaching for the Carrington Award. One double lesson per week will focus on preparing you for university style learning by teaching you the skills required to undertake an EPQ or UPP, and then enabling you to take a variety of University Preparation courses taught by specialists in different faculties. For the other double period each week the whole year group will have a session that will normally be a talk from Wycombe Abbey teachers or an external speaker on a wide variety of topics. Recent speakers contributing to the Carrington Award have included climate scientist and record-breaking explorer Felicity Aston MBE, body image and mental health campaigner Natasha Devon, and pioneering sailor and leadership coach Vicky Ellis.

In the Upper Sixth you will have one double period a week where you will have the option to choose three Elective courses that appeal to you. Previous options have included 'An Introduction to Philosophy', 'Upcycling Workshops', 'Short Story Writing, and 'Mathematical Programming'. You will also have a whole year group session with various talks and activities, sometimes alongside the Lower Sixth.

The Carrington Award will be enhanced by several immersive educational experiences, throughout the Sixth Form.

These include:

Communications Conference: This conference aims to develop communications skills and understanding of how news media are produced. You will receive professional media training covering social media, presentation skills, PR, writing press releases, and television interview techniques. Skills will then be tested in an exciting media crisis simulation, where you will work under pressure to develop media strategies, draft press releases, manage social media and participate in television interviews with real-life news journalists.

Wycombe Management Conference: This event is devoted to developing entrepreneurship, commercial awareness and business management. The two-day event is organised in a partnership between Wycombe Abbey and The Royal Grammar School, High Wycombe. The conference features business games and simulations designed to replicate the kind of challenges and choices faced by business leaders. Each company team is guided through the process by a mentor: a professional with first-hand experience of management and business decision making, and you will have the chance throughout the conference to hear from numerous business experts from a range of different fields such as Lord Bilimoria, Founder of Cobra Beer.

Leadership Summit: This activity explores what it means to be a leader. You will have the opportunity to take charge in a variety of practical tasks, designed to test your leadership, decision making and teamwork. You will learn how to plan tasks, brief others on a course of action and to reflect upon your own and the team's performance. You will be joined by pupils from other local schools so that you can experience working alongside and leading different people.

Academic Forum: Prior to university interviews, this conference allows you to explore lateral academic thinking. Joined by pupils from partner schools, you will engage with some challenging debates surrounding the academic discipline you have chosen to study at university, followed by a series of inter-disciplinary team tasks to help develop your ability to think laterally and react to unfamiliar ideas.

Ms E Bowen, Deputy Head of Sixth Form (Enrichment)

EPQ (Extended Project Qualification) AQA

The Extended Project Qualification is an opportunity for you to undertake a piece of independent and original research.

The course provides you with an introduction to research skills; following this you undertake most of the work independently under the guidance of a supervising teacher. You will work on completing a logbook of each stage of the planning and research process, honing an essay title which must not cover an area of the syllabus you have studied as part of your A level.

This qualification can be selected as an addition to A levels and certain UK universities give lower offers on condition of an A or A* grade in the EPQ. The EPQ requires self-motivation and a strong interest in the topic you choose to research. Essay-writing skills alone are not enough, as you will be expected to record in-depth evaluations of your planning and research into a logbook.

You will be taught a range of study skills in sessions with me and as part of your UP programme over the course of the LVI year, aided by a supervisor whom you will meet regularly to discuss your progress and receive feedback. At the end of the LVI Summer Term, you will submit your essay and present your project to an audience.

Girls in recent years have completed projects on the rise of the USA as an economic powerhouse in the late 19th-century, the transition of Romania from communism to the present day, the political apparatus in Aristophanes' comedies, the use of algae as a biofuel, and the theme of hierarchy in 1970s British sitcoms. The choice really is yours!

Mr O Murphy, EPQ Coordinator

University Preparation Programme

In addition to your A level subjects and co-curricular pursuits, you will participate in timetabled University Preparation lessons in both the LVI and UVI. This rigorous, academic programme is underpinned by three key principles:

- Interdisciplinarity
- Collaboration
- Challenge

Your subject lessons provide you with many of the fundamental principles central to academic success, but, through this programme, we hope to prepare you for the academic rigours of university.

We will be exposing you to university-level material, preparing you for admissions tests, if applicable, and encouraging you to read beyond the syllabus and even your subject area. You will get as much out of this provision as you put in. You will be set reading and work to do outside of the lesson and your teachers will be writing reports about your progress.

In the LVI year, the programme comprises three four-week long courses which run through the Spring and Summer Terms.

During the Autumn Term of the UVI, you move into

subject-specific groups and work with relevant departments to fine-tune your applications and continue to develop your key skills and knowledge far beyond the A level syllabus.

Mr O Murphy, UP Coordinator

Mr D Vaccaro, Director of Teaching and Learning



Other Opportunities in the Sixth Form

The Sixth Form offers you many opportunities to extend and enrich your learning experiences, skills and abilities, and personal development. As this booklet goes to print, enrichment courses for 2024-2026 are still to be finalised. Further details will follow in due course but some of the best established and most popular are outlined below; some do require a minimum number of pupils to run.

Sport

By the time you reach the Sixth Form we feel that you are ready to choose from a variety of sporting activities and to follow them to a reasonable standard, acquiring a healthy level of fitness in the process.

In the Lower Sixth, certain activities are compulsory. You are all expected to take part in House Games once a week throughout the year. This gives you the opportunity to represent your House in a variety of sports in inter-house competitions. The Upper Sixth and Lower Sixth also have a compulsory double lesson of Physical Education each week. The activities on offer include use of the Fitness Suite, aerobics, squash, badminton, trampolining, basketball, swimming, tennis, climbing, hockey, volleyball, netball, handball, yoga and fitness classes.

For those of you who are more competitive, School teams are offered in lacrosse, netball, swimming, polo, gymnastics, squash, skiing, athletics, hockey, tennis and fencing. Mid-week and weekend fixtures are arranged with other schools for many of these teams. If you are of county standard and above, you are encouraged to pursue your sport with the help of outside coaches if necessary. A ski team is entered annually into the British Schoolgirls' Ski Races held in the Alps.

There are several optional recreational clubs that run in the evenings including squash, badminton, basketball and football. Numerous paid extra-curricular activities are available to you including karate, fencing, kickboxing, ballet, tap dancing, climbing, polo, rowing, trampolining, golf, tennis and squash coaching.



Level 3 Certificate in Higher Sports Leadership

Sports Leadership at Wycombe Abbey is highly valued and helps to develop independent and confident young women. The qualification benefits you in several areas of life, not just on the sports pitch. You will develop self-esteem, confidence and motivation as well as organisational skills, communication and an appreciation of others. We have designed the delivery of the award to help inspire you to take an active role in school and community life at whatever level of sport you choose. Sports Leadership events and tournaments put Wycombe Abbey at the heart of our community, reaching out to local primary and prep schools, secondary schools, and schools catering for those with special educational needs.

The Level 3 Certificate in Higher Sports Leadership is a nationally-recognised qualification that enables successful learners to lead unsupervised groups of people in sport and recreational activities. This qualification builds upon the skills and experience gained through the Level 2 Award in Sports Leadership, such as communication, planning, health and safety and organisation. The course will be a combination of theory and practical and will take two years to complete. The course will be taught in weekly Games lessons.

There are no written exams and assessment is made upon your ability to demonstrate your leadership skills for a certain period of time, within a range of settings. You will take a leadership role in a sports event during the first year of the course and in the second year will volunteer during the community service placement time. A pass/fail decision is based on the completion of all theory aspects, a successful event, and completion of 30 voluntary hours. This decision is made by the class teacher and is moderated by Sports Leaders UK.

Mrs S Bryett-Windle, Director of Sport

Music

There are a great many opportunities for you to participate in group music-making in the Sixth Form. Choral Group - which prepares a major work performed with Eton in their School Hall at the end of the Spring Term - is very popular and open to all. Chapel Choir is an auditioned group of over 40 singers and leads important school functions such as the Carol Services and the Remembrance Service, as well as undertaking international concert tours regularly with the Chamber Orchestra; to locations such as Germany, Rome, Sorrento and the Amalfi coast performing in churches, cathedrals and St Peter's Basilica, Vatican City; and Andalucía, performing in Seville, Granada, Córdoba, Cádiz and Carmona. Holst Singers is an auditioning, 12-voice chamber choir that performs in major school concerts and the Carol Services, as well as taking part in

international tours. Symphony Orchestra and Chamber Orchestra are the school's flagship ensembles for advanced instrumentalists and perform in major events throughout the year. Symphony Orchestra and Chamber Orchestra gave their main concert in central London each February and a small number of Clarence soloists have the opportunity each year to perform a concerto movement with one of these ensembles. The Jazz Sextet, Clarinet and Saxophone Ensembles are extremely popular and put on extravaganza performances, often with pupil vocalists.

Chamber music gives instrumentalists the chance to work together in small groups, either informally or towards concert performances and competitions. Our girls' achievements have included places in the National Youth Orchestra, National Youth Choir, choral scholarships to Oxford and Cambridge and selection for the final of the South East Schools' Chamber Music Festival which Wycombe Abbey co-founded with Harrow and North London Collegiate School. Other opportunities for group music-making include rock bands which are organised by girls and supported by Miss McClure, Mr Ledingham and Mr McKee; Phire, the pupil-led Gospel choir; and joint productions with the Drama Department.

Mr S Reid, Director of Music



Drama

Many girls pursue their interest in Drama by taking up or continuing with private Speech and Drama lessons.

These lessons generally prepare you for a Grade 6, 7 or 8 Bronze, Silver or Gold LAMDA medal examinations in subjects such as Acting, Verse and Prose, Musical Theatre, and Public Speaking. They can also be used to increase your physical and vocal confidence. You can choose to work alone or with a partner, but if you are new to the School in Lower Sixth you will begin as a soloist so that we can assess your ability.

There is a bi-annual cycle of productions which is designed to ensure that there are opportunities for all members of Lower Sixth and Upper Sixth to participate in a variety of dramatic projects. As well as performing, involvement can range from working front of house, make-up, set design, costume, lighting and stage management. Details about forthcoming auditions and productions will be advertised in School Meetings and promoted to Sixth Form pupils via the Drama Department prefect.

Sixth Formers interested in drama are also encouraged to attend Drama Society events and to help direct and produce Lower School drama productions and projects during the year. We find that involvement in the Drama Department brings a great sense of achievement and pleasure to all the pupils who take part.

Mr J Harrington, Head of Drama

Careers and Work Experience

There are many opportunities throughout the Sixth Form for you to investigate future careers, including Career Spotlights and the annual Careers Seminar. Pupils who are new to School for the Sixth Form can take the Morrisby Online Profile and will have the opportunity to meet with an independent Careers Adviser. This is something that those of you at Wycombe Abbey in the Fifth Form will have accessed at the start of your UV year. This online resource can be used for information and guidance throughout your time in the Sixth Form.

Work experience is actively encouraged. Placements are

valuable in allowing you to investigate careers and opportunities, assist your career planning, build your self-confidence, self-esteem and interpersonal skills, and to help support university applications. Work experience is essential for those of you wishing to studying Medicine, Dentistry and Veterinary Medicine. Given the short length of terms, it is recommended you carry out your work experience during school holidays. You should seek out a suitable placement through your network of family and friends, but the Careers Department can also provide assistance and has a growing number of links with organisations offering work experience opportunities.

For professional career insights, there are also various courses which usually run for one day and are often in the London area, though others can be longer and further afield. There is an impressive array of courses spanning career areas such as Law, Medicine, Cybersecurity, Engineering, Journalism and the Media, to name a few. To avoid disruption to Sixth Form studies, most courses take place in school holidays and leaves. We are a partner school of InvestIN Education and you can therefore benefit from a 10% discount on any of their courses.

We also recommend other programmes which we think are worthwhile. During the summer holidays several banks, including Deutsche Bank, Goldman Sachs and Morgan Stanley run one or two-day courses designed primarily for female students who are interested in graduate careers and internships in financial services. There are also a number of post-A level programmes such as the Horizons scheme run by Accenture or those run by IBM. For those of you who would like to have a more extended experience of work after A levels, the Year in Industry is recommended for scientists, particularly engineers, and the Deloitte Scheme for those interested in Mathematics, Finance or Economics (Economists should also apply to the IEA Summer School). Aspiring art historians may wish to participate in the John Hall programme in Venice. Those interested in STEM should investigate the Headstart courses in association with the EDT and also those provided by the

Smallpeice Trust. Those with aspirations to pursue a career in Aeronautical Engineering or Aviation may wish to apply for the Sir Adrian Swire Flying Scholarship awarded annually to a Lower Sixth pupil.

Details of these programmes can be obtained from the Head of Careers and are also publicised on the Careers MyWycombe page and through Teams. For any further support, the Head of Careers is happy to meet with you individually and runs regular drop-in sessions.

Mrs A Kiln, Head of Careers

Tycoon Enterprise Competition

In the Lower Sixth you have the option of taking part in the Tycoon Enterprise Competition run by the Peter Jones Foundation. Working in small teams of between three and five pupils, you will come up with a business idea and produce a viable and costed business plan. This will be submitted to the Peter Jones Foundation to apply for a start-up loan. If you are successful in securing funding, you will then launch your business and trade over a specified period with the aim of making a profit. From any net profits following repayment of the start-up loan, the Peter Jones Foundation asks that at least 30% of any profits are returned to them to enable them to support more students. The remainder of your net profit should be donated to the School charities or can be reinvested in your business if you are to continue trading beyond the competition.

The competition runs across two terms and whilst it is great fun, it is also hard work and can be time consuming. You will have some regular mentoring sessions and will need to organise your own weekly team meeting. Typically, you will spend about three hours per week on your business. At certain times such as during the run up to a selling event, or when finalising your business plan, there will be an even bigger time commitment required.

You will do everything that a real business would have to do. You decide on what products to make and sell, or which services you think your company could offer. The

companies are supported by mentors in School plus some volunteer business advisors and entrepreneurs from the wider community. As company members you will gain skills such as organisation, delegation, the basics of business finance and what it takes to be an entrepreneur.

After submitting your Tycoon Enterprise Competition evaluation report at the end of your trading period, your business will be judged and an overall winner, Key Stage 5 winner and runner up will be chosen. Finalists will be invited to the Tycoon Enterprise Awards Ceremony in the Autumn Term. In previous years this has been held at Hampton Court Palace. The overall competition winner will receive £1,000 of funding to assist in making their business sustainable.

Mrs A Kiln, Head of Economics and Enterprise

Volunteering

As one of the School's core values, Service is at the heart of the Sixth Form experience. Every pupil completes two placements at local primary schools during their Sixth Form career, and we offer optional volunteering opportunities within the local community in addition to this.

This work forms part of our giveback commitment and fosters a sense of citizenship and awareness of the wider community. It is fundamental in fulfilling the School's stated aim of encouraging service to other people, many of whom are less fortunate than ourselves.

We have links with a wide range of organisations, including visiting the elderly in day centres, supporting children in playgroups, and helping out with local welfare organisations and charities.

As part of their Sports Leadership commitment, some girls assist with sports activities in local schools. We are in partnership with Horizon, a local sports club for young children with disabilities. Pupils in Lower Sixth and Upper Sixth offer a three-term commitment, helping teach swimming in our school pool, under the supervision of the coaches working for Horizons.

Volunteering is demanding, enjoyable, and rewarding. It enables you to gain invaluable experience of life and a measure of independence outside the boarding environment. It is all part of growing as a rounded human being and fosters our commitment to the wider community.

Rev Penny Nash, Chaplain

Leiths Certificate in Confident Cooking

Sixth Formers have the opportunity to sign up for the Leiths Certificate in Confident Cooking. The course covers knife skills, cultural dishes and involves a final practical examination assessed by Leiths. The course runs from September to June of Lower Sixth and is taught by an experienced chef. If you opt for this course, you must commit fully for the duration of the course as Leiths need a full set of marks for your menu planning and photographs of your cooking. It requires 2.5 hours practical cooking a week and there will be written weekly prep.

On successful completion of the course, candidates achieve a basic professional qualification, a pass or a merit certificate, which may enable them to gain employment in the food industry during their gap years, or it may even be the starting point of a career as a chef! All girls will be entered for the nationally-recognised online Hygiene and Safety Certificate, level 2. The course also meets the requirements in the skills section of the Duke of Edinburgh's Award.

There is a charge for this course and a letter will be sent home to parents during UV with all details and an opportunity to sign up.

Miss K Williams, Head of Art and Cookery

Italian GCSE AQA

You will begin the accelerated GCSE course with a double lesson a week in the first year, as well as one period of conversation and two double lessons a week in the second year. There is no controlled assessment and the course will be assessed in all four skills (25% for each: Listening, Reading, Writing and Speaking).

The course will cover three main themes, each including some sub topics:

- Identity and Culture (Self, Family, Free Time, Technology)
- Local, National, International and Global areas of interest (Home Town/Region, Social issues, Health, Environment)
- Study and Employment (School life, Education post 16, Employment)

Mrs C D'Andrea-Brion, Italian Teacher

Photography: Digital and Wet Processing

A photography course, delivered by Art staff, is offered as a paid extra to Sixth Formers. It is fun, creative and exciting. You will work in small groups, have the use of a digital SLR and a film camera and learn to develop your digital photography skills, as well as process negatives and black and white prints in the school darkroom. A variety of skills and techniques will be taught and you will be encouraged to experiment and challenge your creative potential by using our photography studio. The annual Photography Competition and a display in LAC offers the opportunity to showcase your work. The number of places on the course is limited and is dealt with on a first-come, first-served basis. A letter will be sent to you during the Summer Term of UV giving details of costing and inviting you to sign up for the course.

Miss K Williams, Head of Art and Cookery

Duke of Edinburgh's Award Scheme – Gold

The Gold Award is open to all girls in the Sixth Form. The award requires you to undertake extra-curricular physical recreation, to pursue a skill, to volunteer and give some form of service to others, and to plan and complete an expedition after the necessary training and practice. In addition, there is a requirement to take part in a residential project with the aim of meeting and working with others who are not already known to the participant. For this there is a wide variety of opportunities outside school such as conservation working holidays, learning to sail, Cathedral camps, Tall Ship voyages, Outward Bound Courses, and more. Currently the enrolment fee is £40.

The expedition is a challenging four day hike (plus an acclimatisation day) in difficult terrain. Completion of other sections (volunteering, physical, skills, residential) requires a lot of personal organisation and determination. Expeditions are usually done on foot within the UK, in a 'wild country' area like the Lakes or Snowdonia. Each year, in the Easter or summer holidays, a walking expedition is arranged which you can use as your practice before your assessed expedition the following season. Expeditions arranged through School in this way normally cost around £410 including transport to and from the expedition.

Many of the extra-curricular activities available in school can be used to fulfil sections of the award, including sport and Sports Leaders, music, drama, and service in school as a Prefect or School Officer. By bypassing Silver and moving straight on to Gold level on your 16th birthday, as most participants do, you can complete the Gold Award by the end of the Sixth Form.

Achieving an Award will give you many skills, build on your own confidence and give you an outward-looking view on life. You will be recognised for doing things you want to do (and may even be doing already). You will make a difference to other people's lives and your community, be fitter and healthier, make new friends and have memories to last you a lifetime. You probably won't have finished in time for your UCAS personal statement

but you will find the Award can really make a difference for employers whether it is a work placement/internship, summer job or even your first career job.

All Gold Awards are presented at events held at the Royal Palaces and is something along with your own achievements that you will remember for the rest of your life. And above all, it is great fun!

More information can be found at www.dofe.org

Mr A Porter, Duke of Edinburgh's Award Leader



Senior Debating and Public Speaking

Debating has become an increasingly popular activity at Wycombe Abbey in the last few years. The Debating and Public Speaking Society meets every Monday evening, with a session primarily aimed at the Sixth Form, and especially the Lower Sixth. Skills you learn are useful for A level study and helpful in later life, particularly in interviews and presentations.

We compete regularly in the Oxford, Cambridge, LSE and Imperial Union School Debating Competitions, the

English Schools' Mace competition, and others which fit into the termly calendar. If you wish to take part in public speaking, we also enter teams into the Rotary Club Youth Speaks Competition, in which we often see teams progress through to the later stages of the competition.

Each House also appoints a House Debating Officer who helps to prepare younger girls for the Junior House Debating Competition which takes place as a balloon debate every year; this is a key role which serves as another excellent opportunity to develop your own debating skills through coaching other girls.

Mr K Puwar, Teacher i/c of Debating and Public Speaking

Model United Nations

The School's Model United Nations (MUN) programme is one of the largest and most active in the country with more than 120 girls participating. The team has won multiple awards competing at conferences across the world including competitions in the Republic of Ireland, Spain and the United States. In 2020, the team won an Award of Excellence at NHSMUN in New York, the world's largest MUN conference attended by 5,000 young people. Last year was another successful year, with our delegates recognised for individual and team awards

at every conference.

In MUN, pupils develop and promote their own solutions to pressing world problems – from armed conflict and climate change to economic development and human rights. Taking on the role of diplomats and political leaders, pupils negotiate support for their ideas in simulations of international diplomatic forums such as the United Nations Security Council and General Assembly. The aim is to build an understanding of current global challenges amongst the next generation of world leaders and thinkers, while developing the skills that young people need to thrive in a globalised world.

We also organise WASAMUN: a two-day international affairs conference attended by young people from across the country. Pupils studying Geography will find our simulation of the Arctic Council particularly relevant to their A level course

In the past, many of our most active team members have started MUN for the first time in the Lower Sixth. More information can be found on our dedicated website at mun.wycombeabbey.com.

Miss L Monteil, Teacher i/c of Model United Nations



Science Activities

Sixth Form Science Activities are designed to broaden your laboratory experience and to offer you the opportunity to do and see things you might not encounter during A level science courses. The activities take place weekly and offer the chance to pursue a wide variety of projects.

In Physics, you have the opportunity to find out about some of the experiments that are being carried out at CERN. The Physics behind these experiments is discussed, together with links to topics you have studied at GCSE and will study at A level.

In Chemistry, you solve a 'Disaster in the Lab' activity by using chemical analysis, synthesise azo dyes and use them to tie dye, make soap and carry out the organic synthesis of paracetamol analysing the final product. In all these activities, you have the opportunity to use apparatus and chemicals that are not required at A level but that are interesting and, especially in the cases of the synthesis experiments, highly challenging.

Science Activities in Biology offer the opportunity to investigate experimental techniques beyond the specification. Whether is it extracting DNA from strawberries and kiwis, studying anatomy via a whole-animal dissection or investigating the specific science of how pregnancy tests work, you will be able to try out practical methods and train to use equipment not normally available during lesson time. This will allow you to extend your understanding beyond the syllabus and provide interesting talking points for potential university interviews.

In Psychology, you will be exploring wider psychological theory and debating its impact on society. You will have the opportunity to construct and carry out your own psychological experiment (eg how well do populations conform to societal norms) and get a genuine feel for how psychologists plan, pilot and eventually carry out large-scale data collection and subsequent analysis and evaluation. We offer the opportunity to research topics beyond the specification and lead discussion groups according to the interests of the cohort, allowing for

deeper understanding of theoretical explanation and better developed evaluative writing skills.

If you have a particular interest in topics relating to Medicine, Engineering, Astronomy, Forensics or other scientifically based subjects, you may wish to use Science Activities' time to explore an area of your choice.

Mrs S Buxton, Director of Science and STEM

Young Scientists Journal

The Young Scientists Journal (ysjournal.com) is an international journal, written, reviewed and produced by young people aged 12-20. Its mission is to inspire, empower and connect young scientists across the world by stimulating the publication of scientific research by school pupils, in order to contribute to the progress of science.

Contributions to the journal can take the form of a report on some original research, a review article, a magazine article or a blog post – the choice is yours – and, as well as the obvious benefits of networking and boosting a CV, these contributions can contribute to a CREST award. Furthermore, as the year goes on, opportunities will become available to be part of the Senior Team of YSJ, which leads the four key areas of the journal - Editorial, Production, PR and Marketing and Outreach and Events.

Ms B Rowley, Teacher of Biology

Ms A McNeill, Teacher of Chemistry

Greenpower Car

The Greenpower Car project involves designing, building and racing a car in Formula 24 (under 16 years old) and Formula 24+ categories. All teams have the same motor and one pair of 12 volt batteries per race, but other than that you are free to design a car from your own imagination, or build a kit car, which competes in a separate category. The events involve two x 90 minute races for F24 and a one-hour race for F24+ at some of the best motorsport venues in the UK such as Goodwood, Renishaw Castle Coombe and Dunsfold Park. In F24, at least three team members must drive the car, and up to six further members can act as pit crew, so there is plenty of action for everyone. In F24+ the team can choose how many drivers they use in each race. Wycombe Abbey has a car built from scratch and also a kit car, completed and raced for the first time in June 2018. At the International Finals, held at the iconic Silverstone circuit in October 2021, the team came home winners of the F24+ Kit Car category, which was an exciting and motivating achievement. This project may appeal to you if you are considering engineering, if you are keen to get involved in the exciting world of motor racing or just because it is something different and an opportunity you will possibly never have again!

Mr R Simonot, Head of Design Technology

Societies

There is a huge range of societies open to you in the Sixth Form. Some meet regularly, others only on occasion. Amongst the more popular societies are Amnesty International, Creative Writing Society, Debating Society, Economics Society, Film Club, Greenpower Car, Medical Society, Law Society, Engineering Society, The Publication, and Politics Society. Several societies such as Politics, Law, Medical and Science invite distinguished speakers to address their members. Girls in the Sixth Form are the leaders and drivers of the societies – and if a society doesn't exist for your particular interest, you are encouraged to start it!

Without a doubt the highlight of our social scene is the Caledonian Society link with Eton. This society is chiefly for the Upper Sixth girls. We have regular practices with the boys culminating in a fabulous St Andrew's Day Ball in School Hall at Eton in the Autumn Term and our own Burns' Night Ball in January - both wonderful events which are also great fun!





Appendix

Useful Higher Education Websites

Choosing a University, College or Course

- ucas.com Comprehensive details of courses, offer levels and application procedures from UCAS, with sections for students and parents.
- discoveruni.gov.uk Search and compare undergraduate courses in the UK.
- london.ac.uk/tasters Excellent taster courses run by the University of London.
- morrisby.com Morrisby online.

University Courses outside the UK

- fulbright.org.uk Information for US applicants
- australian-universities.com Australian universities
- studentworldonline.com Courses outside the UK



Further Information

Pupils will be asked to give us their initial list of A level choices by Monday 27 November 2023 after which option blocks will be fixed. The UV Parents' Meeting on Friday 5 January 2024 will be an opportunity for parents to discuss A level options further with teachers. Further changes to options will be possible after this date as long as they fit within the option blocks.

Information and advice on making choices can be sought from the following people:

- Miss Emily Boswell, Deputy Head (Academic)
- Mrs Jacky Tidbury, Director of Sixth Form
- Heads of Department
- Housemistresses
- Tutors
- Subject Teachers



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