

## HOLLAND PARK SCHOOL SIXTH FORM | ENGLISH

<b>Examination Board</b>
AQA
<b>Topics/ Texts Studied</b>
Year 12: King Lear, Richard II, a selection of Keats poetry. Year 13: The Murder of Roger Ackroyd (Agatha Christie), Atonement (Ian McEwan), a selection of 'crime poetry' that includes the work of George Crabbe, Robert Browning and Oscar Wilde, unseen passages of crime writing
<b>Coursework and Practical Elements</b>
Two 1,500 word coursework assignments. The first is on a novel of the student's choosing, the second is on a collection of poetry, typically Phillip Larkin's the Whitsun Weddings is taught.
<b>Recommended Pre-reading</b>
For Shakespeare, Macbeth, the Tempest, Othello, Henry IVth Parts I and II. For Keats, we recommend students study his Odes and have an essential grasp of Romanticism. For crime writing, we encourage a wide range of crime literature, including other Agatha Christie, the hard-boiled writing of Raymond Chandler, Charles Dickens, and even modern commercial thrillers - Lee Child has made an appearance!
<b>Where will this course take me?</b>
Anything and everything from working in the media, marketing, law, finance, academia, government. English A level is a rigorous essay subject that is applicable to many fields - possibly excluding scientific research!
<b>Why should you study this course?</b>
Reading is one of life's great pleasures, so what could be more enjoyable than delving into some of the best work our national corpus has to offer? The A Level covers a broad range of texts and equips students with essential skills such as inference and essay writing, whilst the texts themselves delve into life's great questions: is there meaning to our existence? What does it mean to 'rule'? Is true justice ever achievable? How do humans act?
<b>What are the entry requirements?</b>
In addition to the general entry requirements, you will need a grade 7 or above in GCSE English Language to study this course.

## HOLLAND PARK SCHOOL SIXTH FORM | HISTORY

Examination Board
AQA
Topics/ Texts Studied
Year 12: The Tudors (Henry VII and Henry VIII). Weimar Germany. Year 13: The Tudors (Edward VI, Mary I and Elizabeth I) and Nazi Germany. There is a 2 hour 30 minute exam for each unit (Tudors and Germany) at the end of Year 13 encompassing the content of both Year 12 and 13.
Coursework and Practical Elements
One 3500 word essay worth 40 marks and 20% of the A Level. It is completed on a project of your choice although your teacher will select a topic area that spans 100 years, for example Russia from 1890-1990. You will then select an area of interest and complete coursework on a question of your choosing.
Recommended Pre-reading
Geoffery Elton 'England under the Tudors', John Guy 'Tudor England', Julia Boyd 'Travellers in the Third Reich'
Where will this course take me?
History is a highly valuable and well regarded A Level. Universities and employers recognise the difficulty of the subject as well as the analysis, deduction, evaluation and literacy skills that go into achieving highly in it. A career in law, finance, consultancy, academia are all very plausible.
Why should you study this course?
A Level history interrogates the question of where we come from and, thus, who we are, whilst along the way captivating students with gripping narratives of social and political turmoil set against shrewd and decisive decision-making and everything inbetween. As well as grasping these historical details in depth, the subject equips students with the skills to debate at the highest and most incisive level. One's ability to argue and analyse will be honed as well as skills in selecting key information in order to support a stance. A Level history asks questions about the past, but also asks us to critique others' views and so, on some level, seeks to ascertain an essential truth to the world and its events, however amorphous that idea may be. .
What are the entry requirements?
In addition to the general entry requirements, you will need a grade 7 or above in GCSE History to study this course.

## HOLLAND PARK SCHOOL SIXTH FORM | MATHS

<b>Examination Board</b>
Edexcel
<b>Topics/ Texts Studied</b>
Year 12: Further Algebra; Differentiation; Integration; 2D Vectors; Coordinate geometry; Trigonometry; Exponentials and logarithms; Mechanics; Statistics. Year 13: Differentiation; Integration; Proof; Functions; Sequences and series; Binomial expansion; Trigonometry. Numerical methods; Parametric equations; 3D vectors; Mechanics; Statistics.
<b>Coursework and Practical Elements</b>
No coursework.
<b>Recommended Pre-reading</b>
Paul Glendinning 'Maths in Minutes: 200 Key Concepts Explained in an Instant', Martin Gardner 'Entertaining Mathematical Puzzles', Simon Singh 'Fermat's Last Theorem', Max Tegmark 'Our Mathematical Universe'
<b>Where will this course take me?</b>
Economics, PPE, Statistician, Teaching, Research, Accountancy, Insurance, Risk Management
<b>Why should you study this course?</b>
A Level Mathematics is about challenge. First and foremost, the escalation in challenge between the A Level and the GCSE is significant, but beyond that, the course challenges logic, it challenges problem solving and challenges students to think creatively and analytically in the manipulation of the subject. A Level Mathematics also challenges students' resilience as they come to terms with writing structured solutions, proofs and justification of results to formulate reasoned arguments. The benefits of this rigour are immense however, not only in honing one's numeracy and ability to process and interpret data, but also in offering a gateway to fascinating and challenging careers.
<b>What are the entry requirements?</b>
In addition to the general entry requirements, you will need a grade 7 or above in GCSE Mathematics to study this course.

## HOLLAND PARK SCHOOL SIXTH FORM | BIOLOGY

<b>Examination Board</b>
Edexcel
<b>Topics/ Texts Studied</b>
Year 12: Topic 1 (Biological Molecules); Topic 2 (Cells, Viruses and the Reproduction of Living Things); Topic 3 (Classification and Biodiversity); Topic 4 (Exchange and Transportation). Year 13: Topic 5 (Energy for Biological Processes); Topic 6 (Microbiology and Pathogens); Topic 7 (Modern Genetics); Topic 8 (Origins of Genetic Variation); Topic 9 (Control Systems) and Topic 10 (Ecosystems).
<b>Coursework and Practical Elements</b>
The assessment of practical skills is a compulsory requirement of the course of study for A level qualifications in biology, chemistry and physics. It will appear on all students' certificates as a separately reported result, alongside the overall grade for the qualification. Students will participate in 16 core practicals over the course of study in chemistry. Each practical will test core competencies and will contribute to passing the practical component on the qualification. The core practicals will also be examined in paper 3.
<b>Recommended Pre-reading</b>
<p>Richard Dawkins:  The Selfish Gene  The Blind Watchmaker.  Unweaving the Rainbow  Climbing Mount Improbable  The Ancestor's Tale</p> <p>Steve Jones:  Y: The Descent of Men  In the Blood: God, Genes and Destiny  Almost Like a Whale: The 'Origin of Species' Updated  The Language of the genes</p> <p>Matt Ridley  Genome: The Autobiography of a Species in 23 Chapters  The Red Queen: Sex and the Evolution of Human Nature  The Language of Genes</p> <p>Francis Crick: Discoverer of the Genetic Code  Nature Via Nurture: Genes, Experience and What Makes Us Human</p> <p>James Watson:  DNA: The Secret of Life  The Double Helix: Personal Account of the Discovery of the Structure of DNA</p> <p>Lewis Thomas:</p>

The Lives of a Cell: Notes of a Biology Watcher.  
The Medusa and the Snail: More Notes of a Biology Watcher Barry Gibb: The Rough Guide  
to the  
Brain (Rough Guides Reference Titles)  
Charles Darwin: The origin of species  
Armand Marie Leroi: Mutants: On the Form, Varieties and Errors of the Human Body  
David S. Goodsell: The Machinery of Life  
Ernst Mayr: This Is Biology: The Science of the Living World  
George C. Williams: Plan and Purpose in Nature  
Steve Pinker: The Language Instinct  
Edward O Wilson: The Diversity of Life  
Richard Leaky: The Origin of Humankind  
Bill Bryson: A Short History of Nearly Everything  
Oliver Sachs: The Man Who Mistook His Wife For A Hat  
Daniel Chamovitz: What A Plant Knows

### **Where will this course take me?**

Biology can lead to many practical, vocational or research-based careers including  
Medicine, research, scientific writing, education, ecology, microbiology, forensics,  
dentistry, pharmacy, veterinary medicine, toxicology, wildlife biology and civil service.

### **Why should you study this course?**

Biology is the scientific study of life itself, and like this, it is a rich and diverse field of study.  
Like any living organism it is versatile and ever-changing as we delve into ever-increasing  
levels of detail. The scope of the subject ranges from examination on a cell level to the  
appreciation of the way an entire ecosystem functions. For all its scientific rigour, it remains  
a discipline rooted in the physical reality of the world around us.

### **What are the entry requirements?**

In addition to the general entry requirements, you will need a grade 7 or above in GCSE  
Combined Science or a grade 7 in GCSE Biology to study this course.

## HOLLAND PARK SCHOOL SIXTH FORM | CHEMISTRY

Examination Board
Edexcel
Topics/ Texts Studied
Atomic structure, bonding and structure, redox I and II, inorganic and periodic table trends, quantitative chemistry, organic I, II and II, analytical techniques I and II, energetics I and II, kinetics I and II, equilibrium I and II
Coursework and Practical Elements
The assessment of practical skills is a compulsory requirement of the course of study for A level qualifications in biology, chemistry and physics. It will appear on all students' certificates as a separately reported result, alongside the overall grade for the qualification. Students will participate in approximately 12 core practicals over the course of study. Each practical will test core competencies and will contribute to passing the practical component on the qualification. The core practicals will also be examined in paper 3.
Recommended Pre-reading
The Chemistry of Life (Steven Rose) Chemistry (Brock) Principles of Biochemistry (White, Handler and Smith) Chemistry for Changing Times (Hill, McCreary and Kolb) Materials Science (Ramsden) The Periodic Kingdom (Atkins) Mendeleev's Dream – the search for the elements (Strathern) Periodic Tables – The Curious Life of the Elements (Aldersty and Williams) The Disappearing Spoon (Kean) 50 Ideas you really need to know about Chemistry (Birch) The Periodic Table – a field guide to the elements (Parsons and Dixon)
Where will this course take me?
Chemistry is a must have for anyone looking to study medicine, dentistry or veterinary at university, as well as leading to further study in chemistry, biochemistry or chemical engineering. The skills and knowledge you develop in chemistry will lead you to be successful in careers in scientific research, technology, pharmaceuticals, engineering, education or the environment.
Why should you study this course?
Chemistry is all around us from cooking to the chemicals changing the colour of leaves. It is often a deeply theoretical and complex subject but it seeks to answer questions and explain our observations of the world on an atomic level. The subject will challenge the ideas you hold and help you build links between all of the sciences.

### **What are the entry requirements?**

In addition to the general entry requirements, you will need a grade 7 or above in GCSE Combined Science or a grade 7 in GCSE Chemistry to study this course.

## HOLLAND PARK SCHOOL SIXTH FORM | PHYSICS

Examination Board
Edexcel
Topics/ Texts Studied
Year 12: Working scientifically, mechanics, electric circuits, materials, waves and the particle nature of light, further mechanics. Year 13: Electric and magnetic fields, nuclear and particle physics, thermodynamics, space, nuclear radiation, gravitational fields, oscillations
Coursework and Practical Elements
The assessment of practical skills is a compulsory requirement of the course of study for A level qualifications in biology, chemistry and physics. It will appear on all students' certificates as a separately reported result, alongside the overall grade for the qualification. Students will participate in approximately 12 core practicals over the course of study. Each practical will test core competencies and will contribute to passing the practical component on the qualification. The core practicals will also be examined in paper 3.
Recommended Pre-reading
Six easy pieces (Feynmann), Six not so easy pieces (Feynmann), The character of physical law (Feynmann), The elegant universe (Greene), Storm in a teacup - the physics of everyday life (Czerski), Seven brief lessons on physics (Rovelli), How to teach quantum physics to your dog (Orzel), Black hole blues (Levin), Mapping the universe (Natarajan)
Where will this course take me?
<p>Physics is a highly regarded A level. Universities and employers will recognise the level of challenge and problem solving skills required to be successful. Physics A level can enhance your application to a wide range of university courses, including, in addition to physics: engineering, natural sciences, chemistry, biology, biotechnology, maths, computer science, medicine and all other healthcare courses, geology, geography, electronics, as well as a wide range of apprenticeships including software development or sound engineering.</p> <p>Students who study physics have access to a wide range of careers, from working in medicine as a medical physicist to designing new structures as an engineer or architect, or creating films and computer games as programmers. Physics students also may choose to work in the environmental sector (for example by developing new technologies in the renewable energy industry). Physics provides a logical, questioning, scientific approach which is invaluable in setting up businesses or writing for a newspaper. The world that physics can open up for you is quite endless, and others choose to discover the nature of reality by pursuing research physics, considering the possibility of multiple dimensions or</p>



how to detect gravitational waves.

### **Why should you study this course?**

During A level physics, you will develop skills that can be transferred to just about any other area of work, from setting up a business to working towards a greener future for our planet. You will begin to think like a physicist, developing your problem solving skills and ability to ask the right questions - namely the questions that underpin the reality of the universe we inhabit. You will also learn how to apply maths to the real world and explore worlds typically beyond the scope of mundane human understanding - namely particle physics and cosmology.

### **What are the entry requirements?**

In addition to the general entry requirements, you will need a grade 7 or above in GCSE Mathematics to study this course.

## HOLLAND PARK SCHOOL SIXTH FORM | RE

Examination Board
Edexcel
Topics/ Texts Studied
<p>Students will study three papers. Paper 1 is a study of the philosophy of religion and includes topics such as arguments for God's existence, the afterlife and religious language. Paper 2 is a study of ethics. Students will learn about different ethical systems, including Situation Ethics, Utilitarianism, Kantian Ethics and Virtue Ethics alongside topics such as war and peace, sexual ethics, medical ethics and environmental ethics. The final paper is a study of religion. Holland Park School chooses to specialise in Buddhism.</p>
Coursework and Practical Elements
There are no coursework elements and no practical elements for this course. Students will be assessed through 3 x 2 hour examinations at the end of the course.
Recommended Pre-reading
<p>There are plenty of introductory texts available to help you to access philosophy and ethics, but I recommend beginning with the moral dilemmas illustrated in the works of fiction. Consider these: 'Never Let Me Go,' by Kazuo Ishiguro; 'We Need to Talk About Kevin,' by Lionel Shriver; 'Sophie's World,' by Jostein Gaarder; 'The Sage Train,' by Nicky Hansell; 'Under the Net,' by Iris Murdoch and 'The Unbearable Lightness of Being,' by Milan Kundera. For some non-fiction alternatives consider: 'A Little History of Philosophy,' by Nigel Warburton; 'A History of God,' by Karent Armstrong, 'Nausea,' by Jean Paul Satre or 'The Complete Philosophy Files,' by Stephen Law.</p>
Where will this course take me?
<p>The study of RE and the skills one acquires complements a wide range of subjects and so students have gone on to study at undergraduate level subjects as diverse as medicine, law, philosophy, MFL, history, English, politics, anthropology, the sciences and forensics. The course equips students with analytical skills suitable for a wide range of careers. Recent students now work in the civil service, in law, in medicine, journalism and finance.</p>
Why should you study this course?
<p>Religious Studies is a rigorous and demanding academic discipline in its own right. It engenders critical thinking and rigour in the search for truths in uncertain fields. It encourages philosophical thought, decision making skills, collaboration and independent working skills and the search for compromise and conflict resolutions that work. It creates opportunities for young people to develop their skills of dialogue, interpretation and analysis in a coherent context. All these are vital skills in a modern workforce where</p>

communication, collaboration and cooperation are core skills. Religious Studies has a multidisciplinary nature, involving textual study, philosophical thinking, ethics, social understanding and the skills of analysis and reasoning developing core skills of literacy. It makes a key and unique contribution to understanding British heritage, plurality, values and futures and provides an excellent opportunity for young people to engage with contemporary contentious issues, developing social, cultural, political, philosophical and historical awareness. Religious Studies supports students to learn to respect themselves and understand their own identity, to respect others, and to understand their own and others' rights and responsibilities. At a time when communities are becoming more diverse there is an even greater need for a more religiously literate and tolerant society. Religious Studies plays a key role in creating social cohesion and generating genuine understanding between communities reducing friction, intolerance and social unrest.

### **What are the entry requirements?**

In addition to the general entry requirements, you will need a grade 7 or above in GCSE RE to study this course.

## HOLLAND PARK SCHOOL SIXTH FORM | PSYCHOLOGY

<b>Examination Board</b>
AQA
<b>Topics/ Texts Studied</b>
Social psychology, cognitive psychology, developmental psychology, psychopathology, approaches to psychology, biopsychology, research methods, relationships, schizophrenia, forensic psychology
<b>Coursework and Practical Elements</b>
No coursework
<b>Recommended Pre-reading</b>
The Brain, David Eagleman. The Social Animal, Elliot Aronson. The Collected Schizophrenias, Esme Weiji Wang. How the Mind Works, Stephen Pinker
<b>Where will this course take me?</b>
Psychology is a valuable subject for any career that involves working with people, which is a vast range of career paths. Aside from the more obvious career paths such as clinical, counselling and educational psychologists; those studying Psychology find themselves pursuing careers as wide ranging as detectives to market researchers.
<b>Why should you study this course?</b>
A Level psychology asks us to think analytically about how we act, think and feel. Through it, we glean an essential understanding of the processes that govern human behaviour and so gain a greater appreciation of who we are and the world around us. It delves into fascinating questions like 'How can we succumb to evil?'; 'How come we fail to live cohesively with others?'; 'How do we make choices?'. helps you understand human behaviour and mental processes and allow you to better understand how we act think and feel.
<b>What are the entry requirements?</b>
In addition to the general entry requirements, you will need a grade 7 or above in GCSE English Language and Mathematics to study this course.

## HOLLAND PARK SCHOOL SIXTH FORM | LATIN

<b>Examination Board</b>
OCR
<b>Topics/ Texts Studied</b>
Cicero (Pro Cluentio), Ovid (Heroides), Virgil (Aeneid)
<b>Coursework and Practical Elements</b>
No coursework
<b>Recommended Pre-reading</b>
Homer's Iliad and Virgil's Aeneid (in translation).
<b>Where will this course take me?</b>
The study of Classics develops and demonstrates skill in all areas of the humanities, and is as solid a foundation as one could desire for entering professions such as law, consulting, the Civil Service, journalism, and many more!
<b>Why should you study this course?</b>
If it weren't worth it, we wouldn't still be doing it! Challenge your mind with the demands of reading complex, real Latin, gain a grounding in political thinking and persuasive language, and dive into some of the most fascinating, rich, humorous, energetic, and influential poetry ever written.
<b>What are the entry requirements?</b>
In addition to the general entry requirements, you will need a grade 7 or above in GCSE Latin to study this course.

## HOLLAND PARK SCHOOL SIXTH FORM | ECONOMICS

<b>Examination Board</b>
AQA
<b>Topics/ Texts Studied</b>
Study topics include Microeconomics; Macroeconomics; Behavioural Economics; and the international economy.
<b>Coursework and Practical Elements</b>
No coursework. A rich programme of talks and visits.
<b>Recommended Pre-reading</b>
AQA Economics Books 1 and 2 by Ray Powell and James Powell, published by Hodder Education. An extensive reading list is available on request.
<b>Where will this course take me?</b>
A degree in Economics can lead to a wide range of careers. Very few students of Economics go onto a career as a professional Economist, rather going into careers in banking, accountancy, insurance, consulting and the public sector.
<b>Why should you study this course?</b>
The simple answer for studying A-Level economics might be that Economics graduates typically receive the highest salaries for any discipline. But beyond this crude, but doubtlessly not unappealing, reality lies a subject that asks us to analyse Man's relationship with that supposed 'root of all evil' and think how it is applied in real world situations. Economics encourages students to think analytically about the world around them and to express this analysis in a practical and clear manner.
<b>What are the entry requirements?</b>
In addition to the general entry requirements, you will need a grade 7 or above in GCSE Mathematics and English Language to study this course.

## HOLLAND PARK SCHOOL SIXTH FORM | FRENCH

<b>Examination Board</b>
AQA
<b>Topics/ Texts Studied</b>
The Film La Haine, Camus' novel L'Etranger, as well as a range of cultural and political topics affecting France and other French-speaking countries today.
<b>Coursework and Practical Elements</b>
1x 25 minute speaking exam, for which you prepare an independent research project on any topic relating to France/the francophone of your choosing.
<b>Recommended Pre-reading</b>
<b>Where will this course take me?</b>
Any career which requires you to communicate clearly - the study of a foreign language demonstrates a desire to communicate ideas, as well as understand foreign cultures. Literature and film components support English Literature very well. The study of another language also means that you could take up a career abroad, thus enlarging the geographical potential of your job prospects.
<b>Why should you study this course?</b>
Existing in an increasingly globalised and interconnected world means that there is an abundance of English speakers in the world, such that speaking English is no longer an uncommon talent. British students have the advantage of being able to choose which other language they will learn. Choose French and immerse yourself in a culture that not just values the finest food in the world (of course!) but that privileges intellectual and philosophical discourses like no other!
<b>What are the entry requirements?</b>
In addition to the general entry requirements, you will need a grade 7 or above in GCSE French to study this course.

## HOLLAND PARK SCHOOL SIXTH FORM | SPANISH

<b>Examination Board</b>
AQA
<b>Topics/ Texts Studied</b>
The Film , Federico Garcia Lorca's play La Casa de Bernarda Alba, as well as a range of cultural and political topics affecting Spanish speaking countries today.
<b>Coursework and Practical Elements</b>
1x 25 minute speaking exam, for which you prepare an Independent Research Project on any topic relating to Spain/the Hispanic world of your choosing.
<b>Recommended Pre-reading</b>
<b>Where will this course take me?</b>
Learning another language can increase both your level of employability and earning potential. Spanish is the third most influential language in the world, meaning it can increase your level of employability. Languages are an essential tool to compete in a global job market, and to succeed in the workplace. Employers are increasingly aware of the benefits that language skills bring to their companies. Language students are more attractive to employers than others thanks to the wide range of transferable skills they obtain from learning a language. Any career which requires you to communicate clearly - the study of a foreign language demonstrates a desire to communicate ideas, understand foreign cultures, as well providing the tools to embark on an International Relations career.
<b>Why should you study this course?</b>
Studying a language strengthens your written and oral communication competence, your organisational skills, your aptitude in analysing and synthesising information, your ability to contribute to discussions and suggest ideas, and your understanding of other countries and cultures in a global world. A Level Spanish truly makes the world global as it not only opens students' minds to the culture of Spain, but also the vast Spanish-speaking world with its many fascinating cultures and traditions.
<b>What are the entry requirements?</b>
In addition to the general entry requirements, you will need a grade 7 or above in GCSE Spanish to study this course.



HOLLAND PARK SCHOOL SIXTH FORM | MUSIC

Examination Board
AQA
Topics/ Texts Studied
<p>Year</p> <p>12: Western classical tradition 1650-1910; baroque solo concerto; the operas of Mozart, the piano music of Chopin, Brahms and Grieg. Year 13: Two areas of study from pop music, music for media, music for theatre, jazz, contemporary traditional music or art music since 1910. The areas of study provide an appropriate focus for students to develop and demonstrate their appraisal and in-depth knowledge and understanding of musical elements, musical contexts and musical language.</p>
Coursework and Practical Elements
<p>A</p> <p>musical performance of a minimum of ten minutes, which is assessed as a solo and/or ensemble performance as an instrumentalist, or vocalist and/or in the area of music production (via technology).</p> <p>Two compositions lasting a minimum of four and a half minutes of music in total. Composition 1 is produced to a given brief and composition 2 is a 'free' composition. The coursework component comprises 60% of A-level marks and the written examination paper accounts for the remaining 40%.</p>
Recommended Pre-reading
<p>Harmony in Practice, ISBN-10: 1854728334          Harmony in Practice: Answer Book, ISBN-10: 1854729926          The Study of Counterpoint, ISBN-10: 0393002772          371 Harmonized Chorales, ISBN-10: 0793525748          Haydn: String Quartets, Op. 50 (Cambridge Music Handbooks), ISBN-10: 0521399955          Harmony, Melody and Composition, ISBN-10: 0521569087          The Symphony: A Listener's Guide, ISBN: 0195126653</p>

### **Where will this course take me?**

It could lead to studying a degree in music and becoming a musician, sound technician, music therapist or teacher, or it might open doors to a range of pathways for education and employment in the arts and creative industries. This could include work in film, TV, radio and theatre. Music is also regarded as a highly academic A Level subject and could complement your other studies.

### **Why should you study this course?**

One's relationship with music is so unique to each individual that its potential impact on one's life has no bounds. It is often described as a subject worth studying for its transferable skills, such as listening, analytical writing, independent study, creativity, presentational skills and building your self-confidence. But you might wish to study music because you simply could not imagine a world without it, so important is it to you.

### **What are the entry requirements?**

In addition to the general entry requirements, you will need a grade 7 or above in GCSE Music to study this course.

HOLLAND PARK SCHOOL SIXTH FORM | GEOGRAPHY

<b>Examination Board</b>
Edexcel
<b>Topics/ Texts Studied</b>
Coasts, Tectonics, The Water Cycle, The Carbon Cycle, Regeneration, Globalisation, Superpower and Migration and Identity
<b>Coursework and Practical Elements</b>
<p>NEA is an individual investigation. This is a 3000 word report that is produced from data you have collected in the UK and is rooted in one of the topics you have studied. It is a chance for you to develop a strong geographical topic of your choice. It is marked out of 70 and worth 20% of the A Level</p>
<b>Recommended Pre-reading</b>
<ul style="list-style-type: none"> <li>• People Quake: Mass Migration, Ageing nations and the Coming Population Crash by F Pearce             <ul style="list-style-type: none"> <li>• Introducing Human Geographies</li> <li>• Prisoners of geography by Tim Marshall</li> <li>• Sea Change: Britain's coastal Catastrophe by R Girling</li> </ul> </li> <li>• The Making of the British Landscape: How we have transformed the land by F Pryor</li> </ul>
<b>Where will this course take me?</b>
<p>Geography is valuable A level and it is regarded as a facilitating subject by many Russell Group universities, these are subjects most commonly preferred. This is because geography has many transferable skills such as problem solving and critical thinking. A geography A level and degree can lead into many careers such as environmental sustainability, accounting, law and even the Prime minister.</p>
<b>Why should you study this course?</b>
<p>There has never been a better or more important time to study A level Geography. Dealing with vital issues such as climate change, migration, environmental degradation, social issues and natural hazards, A level Geography is one of the most relevant subjects you could choose to study. It is a subject as rooted in ourselves as the earth itself.</p>

### **What are the entry requirements?**

In addition to the general entry requirements, you will need a grade 7 or above in GCSE Geography to study this course.

## HOLLAND PARK SCHOOL SIXTH FORM | FURTHER MATHS

Examination Board
Edexcel
Topics/ Texts Studied
<p>Year 12: Complex numbers. Matrices. Sum of series. Algebra and functions. Proof. Vectors. Calculus. Coordinate systems. Inequalities. Further trigonometry. Further vectors. Numerical methods. Algorithms and graphs. Linear programming. Critical path analysis.</p> <p>Year 13: Hyperbolic functions. Polar coordinates. Further algebra and functions. Further calculus. Differential equations. Further numerical methods. Further differential equations. Algorithms and graphs. Linear programming. Critical path analysis.</p>
Coursework and Practical Elements
No coursework.
Recommended Pre-reading
<p>A Hodges 'Alan Turing, the Enigma', Dr. Richard Elwes 'How to Solve the Da Vinci Code', William Dunham 'Journey Through Genius: The Great Theorems of Mathematics', Leonard Mlodinow 'Euclid's Window: The Story of Geometry from Parallel Lines to Hyperspace'</p>
Where will this course take me?
<p>Economics, PPE, Statistician, Teaching, Research, Accountancy, Insurance, Risk Management</p>
Why should you study this course?
<p>A level Further Mathematics is fun and rewarding. It broadens your mathematical skills and promotes deeper mathematical thinking. You will be introduced to interesting new areas of pure mathematics and applied mathematics in a wider range of contexts. For progression to many courses at university it is important to have strong mathematics skills. Those students who had studied further mathematics to A level standard reported coping better with the mathematical content of the degree, and as such perceived that they required less additional support throughout their studies.</p>
What are the entry requirements?
<p>In addition to the general entry requirements, you will need a grade 8 or above in GCSE Mathematics to study this course.</p>

HOLLAND PARK SCHOOL SIXTH FORM | ART

Examination Board
Edexcel
Topics/ Texts Studied
<p>The coursework consists of 3 sketchbooks responding to internally set themes. In the past these themes have been 'Inside/Outside'; 'Decompose' and 'Encounters'. The examination portfolio is in response to a theme set by the examination board.</p> <p>Throughout the course you will be introduced to different historical and contemporary artists as well as a variety of different materials and processes including: painting; drawing; sculpture; installation; etching, screen printing, monoprinting, photography and film.</p>
Coursework and Practical Elements
<p>Coursework is worth 60% of overall A Level. Students will also write a 2000 word personal investigation to support their practical work. The examination portfolio is worth 40% and is in response to a theme set by the examination board.</p>
Recommended Pre-reading
<p style="text-align: center;">Berger J – Ways of Seeing, reprint edition (Penguin Classics, 2008) Hughes R – The Shock of the New – Art and the Century of Change, enlarged edition (Thames and Hudson, 1991) Pointon M – History of Art – A Student’s Handbook, 5th edition (Routledge, 2014) Simpson I – Drawing, Seeing and Observation, 3rd revised edition (A &amp; C Black, 2003) Stobart J – Drawing Matters (A &amp; C Black, 2006)</p>
Where will this course take me?
<p>Architecture, Interior design, graphic design, film, photography, 3d visualisation, game visualisation, animation, production, set design, teacher, costume and prop design, fashion, textiles, make up artistry and special effects visualisation, website design, product design, automobile design, illustrator, exhibition design, curation, art sales, furniture design, visual merchandiser, marketing, creative director, design consultant.</p>
Why should you study this course?

It might sound like a cliché, but studying art encourages us to find beauty in the world around us - however challenging that may be at times. Yes it certainly helps to develop critical thinking and interpretative skills, but it is this sense of self-expression that is at the subject's core. In Art A Level we work both independently and collaboratively, but always seeking to hone our individual identity and our expression of it. As part of this, we find our own work mediated through that of other artists and one of the pleasures of the subject is to take the time to appreciate and interrogate some of the finest and most dynamic artwork that has been produced. What a wonderful way to spend your time in school!

### **What are the entry requirements?**

In addition to the general entry requirements, you will need a grade 7 or above in GCSE Art to study this course.

