Sixth Form 2024-26

Subject Options

Dear Students

We are delighted to introduce you to our friendly and vibrant co-educational sixth form, where we will inspire you to do your very best and prepare you for life beyond school.

Teaching at The Holt is excellent; you will benefit from our dedicated specialist teachers, their extensive subject knowledge, and their drive to inspire you to enjoy and achieve in your chosen areas of study. By selecting The Holt, you will be selecting a sixth form that has a proven academic record; the A level results of 2023 were excellent with 33% A*-A and 63% A*- B.

Throughout your time in the sixth form, we want to grow your self-confidence and independence, so you know you can do whatever you want with hard work, commitment, and guidance.

There are many reasons for choosing to study at The Holt School Sixth Form including

- A wide range of subjects without the restriction of option blocks
- Experienced sixth form teachers, many of whom are examiners.
- Small class sizes, so plenty of time to ask questions, hold discussions and work collaboratively.
- One to one coaching to improve study skills
- Supervised study sessions
- A dedicated personal tutor
- In –depth preparation for post-18 options
- Excellent facilities, including a private study room, kitchen, conference and study room
- Expert information, advice and guidance, which will allow you to progress to the best universities, apprenticeships or employment.

Being part of a sixth form in a school brings with it unique opportunities to belong and contribute to our school community through classroom attachment, House activities, charity events and being part of the student leadership team that runs Student Council. There are many opportunities to take part in local, regional and national competitions such as debating, Young Enterprise and science Olympiads. Subjects run trips and visits to enhance learning and all these activities contribute to the strong sense of belonging our students have to The Holt.

To gain entry to The Holt School Sixth Form you must achieve a minimum of 5 GCSE grades 9-4 as well as the criteria for the individual subjects that are detailed below.

Application forms can be found on the school website along with the prospectus. The deadline for applications is Monday 11th December 2023. Late applications will be accepted but we may not be able to offer places on courses that are already full.

We are delighted that you are considering the Sixth Form at The Holt and please do not hesitate to contact the sixth form team if you have any further questions.

Yours sincerely

Mrs A Kennedy and Mrs K Pearce

Co-Headteachers

A Level Subjects

Subject	Head of Department	Email Address
Art and Design: Fine Art	Mrs Skeates	c.skeates@holt.wokingham.sch.uk
Biology	Mrs Whitehouse	g.whitehouse@holt.wokingham.sch.uk
Business	Dr Barwah	m.barwah@holt.wokingham.sch.uk
Chemistry	Mrs Nayyar	r.nayyar@holt.wokingham.sch.uk
Computer Science	Mrs Dearing	k.dearing@holt.wokingham.sch.uk
Design & Technology – Product Design/ Textiles	Mrs Williams	t.williams@holt.wokingham.sch.uk
Drama and Theatre	Miss Edwards	s.edwards@holt.wokingham.sch.uk
Economics	Dr Barwah/Mrs Kennedy	m.barwah@holt.wokingham.sch.uk a.kennedy@holt.wokingham.sch.uk
English Language	Mrs McClelland	r.mcclelland@holt.wokingham.sch.uk
English Literature (Comedy and Crime)	Mrs McClelland	r.mcclelland@holt.wokingham.sch.uk
Further Maths	Mrs Lamey	r.lamey@holt.wokingham.sch.uk
Geography	Mr Marrison	t.marrison@holt.wokingham.sch.uk
History (Tudors and Nazism)	Miss Howard	h.howard@holt.wokingham.sch.uk
Maths	Mrs Lamey	r.lamey@holt.wokingham.sch.uk
MFL – French and Spanish	Mr Darby	r.darby@holt.wokingham.sch.uk
Music	Mr Gray	a.gray@holt.wokingham.sch.uk
Philosophy, Ethics and Buddhism	Mrs Barker	e.barker@holt.wokingham.sch.uk
Physical Education	Mrs Bolton/Mrs Ebden	s.bolton@holt.wokingham.sch.uk g.elford@holt.wokingham.sch.uk
Physics	Dr Lewis	m.lewis@holt.wokingham.sch.uk
Politics	Miss H Howard	h.howard@holt.wokingham.sch.uk
Psychology	Miss Illingworth	h.illingworth@holt.wokingham.sch.uk
Sociology	Miss Illingworth	h.illingworth@holt.wokingham.sch.uk

Sixth Form Team

Job Title	Name	Email Address
Head of Sixth Form	Miss Ward	e.ward@holt.wokingham.sch.uk
Deputy Head of Sixth Form	Mrs Thomas	n.thomas@holt.wokingham.sch.uk
Sixth Form Coordinator	Mrs Calliss	j.calliss@holt.wokingham.sch.uk
Sixth Form Learning Mentor	Mrs Jones	d.jones@holt.wokingham.sch.uk

Subject Name	Fine Art AQA
Entrance Criteria	Grade 6 in GCSE Art

Year One Content
Component 1: Personal Investigation Before starting component 1, students will explore a range of techniques in teacher led workshops to broaden their repertoire of skills and to build confidence. After this introductory period, students will work independently to produce the Personal Investigation. This sustained project must demonstrate an ability to research a theme in depth and explore it whilst using a range of media and approaches. The project will be drawn to a conclusion in the form of a final piece. You will be required to write a 1000-3000 word essay to support this project.

Year Two Content
Component 2: Externally set Assignment AQA will provide candidates with 7 starting points to choose from. Having selected a theme, students are required to produce a thorough project that explores their chosen theme in a personal manner. The final outcome for the project will be produced during a 15 hour exam that takes place over 3 days.

How the course is assessed
Component 1: 60% Coursework Component 2: 40% Coursework

Future Career Opportunities
There are a huge number of creative career opportunities; from advertising to fashion and textiles, photography to architecture, teaching to illustration, pattern design to jewellery design, gallery curation to art restoration, set design to prop making. An art and design degree or apprenticeship prepares students for the creative industry – one of the largest sectors of our economy.

Who do I need to speak to for more information?
Mrs Skeates, Head of Art

Subject Name	Biology OCR
Entrance Criteria	Grade 6 in GCSE Mathematics **AND** 6-6 in Combined Science **OR** 6 in Separate (Triple) Biology and Chemistry

Year One Content
Module 1: Development of practical skills in biology Skills of planning, implementing, analysis and evaluation **Module 2: Foundations in biology** Cell structure, biological molecules, enzymes, biological membranes, cell division, diversity and organisation **Module 3: Exchange and transport** Exchange surfaces, transport in animals, transport in plants **Module 4: Biodiversity, evolution and disease** Communicable diseases, disease prevention, immune system, biodiversity, classification and evolution

Year Two Content
Module 5: Communication, homeostasis and energy Communication, homeostasis, excretion, neural and hormonal communication, plant and animal responses, photosynthesis and respiration **Module 6: Genetics, evolution and ecosystems** Cellular control, inheritance, genomics, biotechnology, ecosystems, populations and sustainability

How the course is assessed
Modules 1, 2, 3 and 5 and 1, 2, 4 and 6 assessed by **2 written examination papers 2¼ hours in duration** A further **synoptic examination paper 1½ hours in duration** **A teacher assessed practical endorsement** A 3 day field trip is held in the October of year 13.

Future Career Opportunities
Biology leads to many careers – directly (biological sciences, medicine, veterinary science, teaching) and indirectly (from sports science to law – specialising in a scientific area).

Who do I need to speak to for more information?
Mrs Whitehouse – Head of Biology

Subject Name	Business AQA
Entrance Criteria	Grade 5 in GCSE Maths

Year One Content
1. What is business? 2. Managers, leadership and decision making 3. Decision making to improve marketing performance 4. Decision making to improve operational performance 5. Decision making to improve financial performance 6. Decision making to improve human resource performance

Year Two Content
1. Analysing the strategic position of a business 2. Choosing strategic direction 3. Strategic methods: how to pursue strategies 4. Managing strategic change

How the course is assessed
There are 3 units which assess the whole subject content and are equally weighted **Unit 1:** This is a mix of multiple choice, short answer questions, calculations and essays **Unit 2:** This has three data response compulsory questions worth approximately 33 marks each and made up of three or four part questions **Unit 3:** This has one compulsory case study followed by approximately six questions

Future Career Opportunities
Business studies combined with other A levels is an ideal foundation for a variety of degree courses. This can then open the door to a wide range of professions including Accountancy, Marketing, Personnel, Operations, Retail Management, Journalism and Events Management.

Who do I need to speak to for more information?
Dr Barwah – Business Teacher

Subject Name	Chemistry A OCR
Entrance Criteria	Grade 6 in GCSE Mathematics **AND** 6-6 in Combined Science **OR** 6 in Separate (Triple) GCSE Chemistry

Year One Content
Module 1: Development of practical skills in chemistry*
Skills of planning, implementing, analysis and evaluation
Module 2: Foundations in Chemistry
Atomic structure, quantitative chemistry: formulae, equations amount of substance and the mole
Module 3: Periodic Table and Energy
Periodic and group properties, enthalpy changes and their determination rates of reaction, reversible reactions and chemical equilibrium
Module 4: Basic concepts and Hydrocarbons
Nomenclature and formula representation, functional groups, organic reactions and
Isomerism, aliphatic hydrocarbons, alcohols and haloalkanes, organic practical skills and organic synthesis and instrumental analytical techniques

Year Two Content
Module 1: Development of practical skills in chemistry*
Skills of planning, implementing, analysis and evaluation
Module 5: Physical chemistry and transition elements
Rate equations, orders of reaction, the rate determining step, equilibrium constants, Kc and Kp,
acid–base equilibria including pH, Ka and buffer solutions, lattice enthalpy and Born–Haber cycles, entropy and free energy and electrochemical cells
Module 6: Organic chemistry and Analysis
Aromatic compounds, carboxylic acids and esters, organic nitrogen compounds: amines and amino acids, polymerisation: addition polymers and condensation polymers, synthetic organic chemistry and further development of practical skills and the importance of modern analytical techniques in organic analysis

How the course is assessed
2 written examination papers 2¼ hours in duration
A further **synoptic examination paper 1½ hours in duration**
***A teacher assessed practical endorsement**

Future Career Opportunities
Medicine, Veterinary Science, Dentistry, Engineering, Biochemistry, Pharmaceutical science, Forensics, Food science, Geology, Environmental science, Law, Accountancy, Education, Nano scientist, Nursing, Midwifery, Physiotherapy, Sports science, Material scientist, Journalist, Patent Attorney, Toxicology, Polymer scientist and many more due to the transferable skills that you gain!
Who do I need to speak to for further information?
Mrs Nayyar – Head of Chemistry

Subject Name	Computer Science OCR
Entrance Criteria	Grade 5 in GCSE Mathematics and Grade 5 in GCSE Computer Science

Content
Component 01 – Computer Systems: Students are introduced to the internal workings of the CPU, data exchange, software development, data types and legal and ethical issues. The resulting knowledge and understanding will underpin their work in component 03. It covers: • The characteristics of contemporary processors, input, output and storage devices • Types of software and the different methodologies used to develop software • Data exchange between different systems • Data types, data structures and algorithms • Legal, moral, cultural and ethical issues **Component 02 - Algorithms and programming** This builds on component 01 to include computational thinking and problem-solving. It covers: • What is meant by computational thinking (thinking abstractly, thinking ahead, thinking procedurally etc.) • Problem solving and programming – how computers and programs can be used to solve problems • Algorithms and how they can be used to describe and solve problems. **Programming Language** We will continue to develop your knowledge of the python programming language from GCSE as well as introducing you to a few others. The language chosen for the Programming project (03) should be appropriate to the task chosen. There are several programming languages which the exam board will accept which are outlined in the specification.

Non-exam Assessment - Programming Project
Students are expected to apply the principles of computational thinking to a practical coding programming project. They will analyse, design, develop, test, evaluate and document a program written in a suitable programming language. The project is designed to be independently chosen by the student and provides them with the flexibility to investigate projects within the diverse field of computer science.

How the course is assessed
Assessment comprises two exams with a range of short and long answer questions as well as a project, which is referred to as the programming project. The examinations make up 80% of the final grade and the programming project, 20%. An awareness of the application of computer science in the real world will be required as is the desire to solve problems and create program

Future Career Opportunities
A Computer Science A level helps to prepare you for many courses at university and can also be the qualification that you may need to secure a Level 3 apprenticeship. It is a highly academic subject that will help you to develop the problem solving and algorithmic skills needed in areas such as Mathematics, Science, Economics as well as, of course, Computer Science related areas.
Who do I need to speak to for further information?
Mrs Dearing – Head of Computing

Subject Name	Design & Technology – Product Design Edexcel - A' Level (9DT0)
Entrance Criteria	Grade 6 in GCSE Design & Technology

Year One Content

Principles of Design and Technology, will include:
Topic 1: Materials
Topic 2: Performance characteristics of materials
Topic 3: Processes and techniques
Topic 4: Digital technologies
Topic 5: Factors influencing the development of products
Topic 6: Effects of technological developments
Topic 7: Potential hazards and risk assessment
Topic 8: Features of manufacturing industries
Topic 9: Designing for maintenance and the cleaner environment
Topic 10: Current legislation
Topic 11: Information handling, Modelling and forward planning
Topic 12: Further processes and techniques.

Year Two Content

The non-exam assessment (NEA) is made up of a single substantial independent design and make project. There are four sections to this:

Part 1: Identifying and outlining possibilities for design
You will individually and/or in consultation with a client/end user identify a problem and design context.

Part 2: Designing a prototype
Then develop a range of potential solutions which include the use of computer aided design and evidence of modelling. You will make decisions about the designing and development of the prototype in conjunction with the opinions of the client/end user.

Part 3: Making a final prototype
You will realise one potential solution through practical making activities with evidence of project management and plan for production. You will incorporate issues related to sustainability and the impact their prototype may have on the environment.

Part 4: Evaluating own design and prototype
You are expected to analyse and evaluate design decisions and outcomes for prototypes/products made by themselves and others and to analyse and evaluate wider issues in design technology, including social, moral, ethical and environmental impacts.
The NEA will be completed in the second term and then the principles of design will be revised in preparation for the summer examination.

How the course is assessed

Written examination Paper (2 ½ hours) - 120 marks including the following topics covered in year 1.	**Non-exam assessment criteria** (NEA)–50%:120 marks

Future Career Opportunities

The possibilities are endless! Any career that requires problem solving, critical analysis or creativity. For example Product Designer, Graphic designer, Industrial designer or Fashion designer, Architect, Textiles designer, Merchandiser, Clothing and Textiles technologist, Interior or Spatial designer, Print maker, Retail buyer, Architectural technician, Education- Teacher, Lecturer, Museum or Gallery conservator, Colour technologist to name a few.

Who do I speak to if I need more information? Mrs Williams – Head of Design and Technology

Subject Name	Drama and Theatre AQA
Entrance Criteria	Grade 5 in Drama and English language & literature

Year One Content
Component 2: Creating original drama (Practical) (Summer Term) You will create a performance piece inspired by a theatre practitioner. **You will**: • Create devised drama piece • You may contribute as performer, designer or director • Devised piece must be influenced by the work and methodologies of one prescribed practitioner. This will result in a performance to a live audience in the summer term. **Component 1: Drama and theatre (Winter-Spring Term)** Study of two plays Antigone by Sophocles and Yerma by Federico García Lorca You will: •Exploring your knowledge and understanding of drama and theatre • Study of two set plays • Analysis and evaluation of the work of live theatre makers

Year Two Content
Component 3: Making theatre (practical) (Spring Term) In this component you will practically explore and interpret three extracts (Extract 1, 2 and 3) each taken from a different play You will apply a prescribed practitioner to Extract 3 Extract 3 is to be performed as a final assessed piece You may contribute as performer, designer or director **Component 1: The written exam (summer term)** • Open book

How the course is assessed
Component 1: Drama and theatre • Written exam: 3 hours • Open book • 80 marks • 40% of A-level **Component 2: Creating original drama (practical)** • Working notebook (40 marks) • Devised performance (20 marks) • 60 marks in total • 30% of A-level **Component 3: Making theatre (practical)** • Performance of Extract 3 (40 marks) • Reflective report (20 marks) • 60 marks in total • 30% of A-level
Future Career Opportunities
Future industry sectors: Arts, Broadcasting ,Charity, Culture, Education, Events, Health, Law, Marketing , Media , Politics ,Sector Management, Sales, Social Work, Vlogging

Who do I speak to for further information?
Miss Edwards – Head of Drama

Subject Name	Economics A Edexcel
Entrance Criteria	Grade 6 in GCSE Maths

Year One Content
Theme 1: Introduction to markets and market failure (microeconomics) • Nature of economics • How markets work • Market failure • Government intervention **Theme 2: The UK economy - performance and policies (macroeconomics)** • Measures of economic performance • Aggregate demand and aggregate supply • National income and economic growth • Macroeconomics objectives and policy

Year Two Content
Theme 3: Business behaviour and the labour market (microeconomics) • Business growth and objectives • Costs, revenue and profit • Market structures • Labour market **Theme 4: A global perspective (macroeconomics)** • International economics and emerging and developing economies • Poverty and inequality • The financial sector • The role of the state in the macroeconomy

How the course is assessed
There are 3 units for this A level: Unit 1 examines themes 1 and 3 (microeconomics), Unit 2 examines themes 2 and 4 (macroeconomics) and Unit 3 examines all 4 themes. Units 1 and 2 are each worth 35% and Unit 3 is worth 30% of the A level.

Future Career Opportunities
Economics is an ideal foundation for a variety of degree courses such as Economics, Modern Languages, Geography, History, Law, Business, Accountancy, Maths or Management. These degrees open the door to a wide range of professions including Accountancy, Marketing, Politics, Journalism, Teaching and of course becoming an Economist.
Who do I need to speak to for more information?
Dr Bahwah or Mrs Kennedy – Economics teachers

Subject Name	A-Level English Language
Entrance Criteria	Grade 6 in GCSE English language and literature

Year One Content
Language, the Individual and Society In your first year of study, you will explore textual variations and representations and understand how to apply different methods of language analysis. You will also study how children's language develops and how to analyse different data sets using different methods of language analysis.

Year Two Content
Language Diversity and Change In your second year of study, you will explore how language diversifies and changes and understand how to apply different methods of language analysis. You will also study how attitudes towards language diversification changes. Language in Action You will also complete two pieces of independent coursework. After learning about how to collect language data, students will conduct their own study investigating different attitudes and views towards language variations. Students will also complete a piece of original writing looking at either persuasion, storytelling or information.

How the course is assessed
Language, the Individual and Society – An open book examination worth 40% Language Diversity and Change – An open book examination worth 40% Language in Action – A coursework portfolio comprising of an essay and a piece of original writing worth 20%

Future Career Opportunities
Higher education courses in law, history, journalism and publishing. As well as potential careers in advertising, marketing, digital media, public relations, politics and the scope of writing professions.

Who do I need to speak to for more information?
Mrs McClelland – Head of English

Subject Name	English Literature B AQA
Entrance Criteria	Grade 6 in GCSE English language and literature

Year One Content
Comedy Genre In your first year of study, you will explore the literary genre, comedy, and understand how it has developed over time. For this, you will study a brilliant range of texts including *Twelfth Night* by Shakespeare, *The Importance of Being Earnest* by Oscar Wilde and a range of poetry from poets such as Carol Ann Duffy.

Year Two Content
Crime Genre In your second year of study, you will explore the literary genre, crime writing, which encompasses an exciting range of texts including *Atonement* by Ian McEwan, *The Rime of the Ancient Mariner* by Coleridge and a collection of poetry such as My Last Duchess by Robert Browning. Theory and Independence You will also complete two pieces of independent coursework. After learning about critical theories such as Feminism and Marxism. You will use these ideas to deconstruct a collection of poetry and one prose text.

How the course is assessed
Comedy Genre - A closed-book examination worth 40% Crime Genre - An open-book examination worth 40% Non-exam Assessment - A coursework portfolio comprising of two essays worth 20%

Future Career Opportunities
Higher education courses in law, history, journalism and publishing. As well as potential careers in advertising, marketing, digital media, public relations, politics and the scope of writing professions.

Who do I speak to for further information?
Mrs McClelland – Head of English

Subject Name	Further Maths EDEX
Entrance Criteria	Grade 8 in GCSE Maths

Year One Content
The course comprises two compulsory pure mathematics modules and two optional modules. The current optional modules taught are Further Statistics 1 and Decision 1. The teaching of these modules are split across the two years. It is possible to sit the AS examination in the summer of Year 12 if you would only like to take the AS Further Maths AS level. **Further Pure Mathematics.** Topics covered: Proof; Complex numbers; Matrices; Further algebra and functions; Further calculus; Further vectors **Unit C: Further Statistics 1** - Statistical distributions, Hypothesis testing, Chi squared tests, Estimation, Confidence intervals, Quality of tests and estimators **Unit G: Decision Mathematics 1** - Algorithms and graph theory, Critical path analysis, Linear programming, Transportation problems, Allocation (assignment) problems,

Year Two Content
Further Pure Mathematics. Topics covered: Proof; Complex numbers; Matrices; Further algebra and functions; Further calculus; Further vectors **Unit C: Further Statistics 1** - Statistical distributions, Hypothesis testing, Chi squared tests, Estimation, Confidence intervals, Quality of tests and estimators **Unit G: Decision Mathematics 1** - Algorithms and graph theory, Critical path analysis, Linear programming, Transportation problems, Allocation (assignment) problems,

How the course is assessed
The course assessment is 100% examination, all taken at the end of the course **Further Pure Mathematics 1:** 90 minutes (25%) **Further Pure Mathematics 2:** 90 minutes (25%) Paper 1 and Paper 2 may contain questions on any topics from the Pure Mathematics content. **Further Statistics 1:** 90 minutes (25%) **Decision 1:** 90 minutes (25%)

Future Career Opportunities
Studying further mathematics opens the door to careers that use mathematical models to predict responses to stimuli or to predict future growth. Careers such as Banking, Investment, Actuarial Science, Engineering, Meteorology, Biological and Physical Sciences and Pharmaceuticals. Students that wish to read mathematics at university should study further maths, but it is also useful for any subject with a large mathematical content such as Engineering, Physics or Computer Sciences.
Who do I need to speak to for more information?
Mrs Lamey – KS5 Coordinator for Maths

Subject Name	Geography AQA
Entrance Criteria	Grade 6 in GCSE Geography

Year One Content
Physical Geography **Water and Carbon Cycle** - This section focuses on the major stores of water and carbon at or near the Earth's surface and the dynamic cyclical relationships associated with them. **Coasts** - This section focuses on coastal zones, which are dynamic environments in which landscapes develop by the interaction of winds, waves, currents and terrestrial and marine sediments. **Human Geography** **Changing Places** - This section focuses on people's engagement with places, their experience of them and the qualities they ascribe to them, all of which are of fundamental importance in their lives. **Global Governance** - This section focuses on globalisation the economic, political and social changes associated with technological and other driving forces which have been a key feature of global economy and society in recent decades.

Year Two Content
Physical Geography **Hazards** – This section focuses on the lithosphere and the atmosphere, which intermittently but regularly present natural hazards to human populations, often in dramatic and sometimes catastrophic fashion. **Human Geography** **Population and Resources** - This section explores the relationships between key aspects of physical geography and population numbers, population health and well-being, levels of economic development and the role and impact of the natural environment.

How the course is assessed
Component 1 Physical Geography Exam • 40% of A Level 2 hour 30 minutes written examination • Multiple choice, structured short and extended questions, plus an essay **Component 2 Human Geography Exam** • 40% of A Level 2 hour 30 minutes written examination • Multiple choice, structured short and extended questions, plus an essay **Component 3 Geographical Investigation** • Individual investigation which must include data collected in the field. Can be human or physical. • 3,000 - 4,000 words 20% of A level **Component 3 - the 'Geographical Investigation' requires that the students undertake 4 days of field work. This will be conducted on a compulsory residential fieldtrip to Swanage and surrounding area. The estimated cost of this trip will be approximately £400. The trip will take place in the summer term of Y12.**
Future Career Opportunities
Law, Banking and Finance, Environment Agency, Marketing, Accountancy, Surveyor, Architect or any management position. Statistics show that compared to other subjects, Geography graduates are among the most employable.
Who do I need to speak to for more information?
Mr Marrison Head of Geography

Subject Name	History (AQA)
Entrance Criteria	Grade 6 in GCSE History **OR** a grade 6 in GCSE English if GCSE History not taken

Year One Content
Unit 1C: Consolidation of the Tudor Dynasty: England 1485-1547 • Monarchy restored and enhanced, 1485-1529 • Revolution in Church and State, 1529-47 **Unit 2O: The Weimar Republic 1918-1933** • The Establishment and Early Years of Weimar Germany, 1918-24 • The Weimar Republics Golden Age 1924-28 • The collapse of democracy, 1928-33

Year Two Content
Unit 1C: England, 1547-1603: Turmoil and Triumph • The Mid-Tudor crisis 1547-63 • The triumph of Elizabeth, 1563-1603 **Part 2: Year 13** • The Nazi Dictatorship, 1933-39 • The impact of Nazism on the German people, 1933-45 • The Racial State, 1933-45 **Historical Investigation (NEA)** A piece of coursework between 3500 to 4500 words, spanning a topic over a period of 100 years. It is an independently researched piece of work, which aims to develop many of the skills used in undergraduate study (evaluating sources, synthesising information, etc.) We offer a variety of questions on the topic of the Russian Revolution.

How the course is assessed
There are two examinations at the end of Year 13: one on the Tudor unit and one on Germany. Both are 2 hours and 30 minutes long. Each exam is worth 40% of the final grade. The historical investigation (coursework) comprises the final 20% of your grade.

Future Career Opportunities
History is a well-regarded subject that can open many doors. It enables students to learn to construct an evidence based argument, and be critical of others. This is valued by many careers and employers, including but not limited to law, the civil service, heritage, business, media and teaching……plus many more.
Who do I need to speak to for more information?
Miss Howard – Head of History and Government and Politics Mrs Hagger – Teacher of A Level history

Subject Name	Mathematics EDEX
Entrance Criteria	Grade 7 in GCSE Maths

Year One Content

Pure Mathematics

Topics covered: Proof (deduction and counter example); algebra and functions (indices and surds, algebraic manipulation, simultaneous equations and inequalities); sketching and transforming graphs; equations of lines and circles; binomial expansion, factorials and combinations; trigonometry (sine and cosine rules, graphs of functions, basic identities and solving equations); exponentials and logarithms; mathematical models; calculus with polynomials; 2D vectors.

Statistics and Mechanics

Topics covered: statistical sampling; data presentation and interpretation (correlation, central tendencies and variance); probability (conditional probability and continuous distributions); statistical distributions (binomial and normal); hypothesis testing. Quantities and units; kinematics (SUVAT equations, graphs, calculus and vectors); forces and Newton's laws (gravity, weight, friction, connected particles); moments.

Year Two Content

Pure Mathematics

Topics covered: Proof (deduction and contradiction); algebra and functions (rational expressions, modulus function, partial fractions, composite functions); parametric equations; sequences and series (arithmetic and geometric); trigonometry (radian measure, inverse and reciprocal functions, further identities); differentiation (products and compositions of functions, trigonometric, exponential and logarithmic functions, implicitly or parametrically defined functions); integration (substitution, by parts, differential equations); numerical methods; 3D vectors.

Statistics and Mechanics

Further work on: statistical sampling; data presentation and interpretation (correlation, central tendencies and variance); probability (conditional probability and continuous distributions); statistical distributions (binomial and normal); hypothesis testing. Quantities and units; kinematics (SUVAT equations, graphs, calculus and vectors); forces and Newton's laws (gravity, weight, friction, connected particles); moments.

How the course is assessed

The course assessment is 100% examination, all taken at the end of the course.
Pure Mathematics 1: 2 hours (33 ⅓%)
Pure Mathematics 2: 2 hours (33 ⅓%)
Paper 1 and Paper 2 may contain questions on any topics from the Pure Mathematics content.

Statistics and Mechanics: 2 hours (33 ⅓%)

Future Career Opportunities

Mathematics naturally lends itself to careers in Finance such as Investment or Accountancy, and careers relating to the physical world such as Engineering, Meteorology or Marine Biology. Employers look for employees with strong number, reasoning and problem solving skills, these skills are constantly developed by studying mathematics, making it a versatile subject. It prepares you for many careers that you might not initially link to maths, such as Teaching, Medicine or Law.

Who do I need to speak to for more information? Mrs Lamey – KS5 Coordinator for Maths

Subject Name	French AQA
Entrance Criteria	Grade 6 in GCSE French

Year One Content
Aspects of French-speaking Society: current trends • The changing family • Cyber-society • Volunteering in modern society Artistic Culture in the French-speaking world: • Pride in French heritage • Modern French music • French cinema • Study of a French language film – La Haine

Year Two Content
Aspects of French-speaking society: current issues • Positive features of a diverse society • Life for the marginalised • How criminals are treated Aspects of political life in the French-speaking world • Teenagers, the right to vote and political commitment • Demonstrations, strikes – who holds the power? • Politics and immigration • Study of a French language text: No et moi • Study of a French language film: La Haine

How the course is assessed
Paper 1- Listening, Reading and Writing (100 marks) 2 1/5 hours 50% of the final grade Paper 2- Writing (80 marks) 2 hours 20% of the final grade Paper 3- Speaking (60 marks) 21-23 minutes 30% of the final grade

Future Career Opportunities
Every business, workplace, town and city in Britain needs people who can work, speak and write French. Possibilities for Travel around France and the French-speaking world are endless. Trade, Law, Business, Academia, Commerce, Sales and Marketing, B2B Marketing, Hotel/Restaurant/Catering, Travel and Tourism, Politics, Translation and Interpreting, Travel Writing are all sectors which need French speakers, as are the institutions of government e.g. the Civil Service or the Diplomatic Corps.
Who do I need to speak to for more information?
Mr Darby (Head of Modern Foreign Languages) or Mrs Ellison (KS5 specialist)

Subject Name	Spanish AQA
Entrance Criteria	Grade 6 in GCSE Spanish

Year One Content
Aspects of Society: • Traditional and modern values • Cyberspace • Sexual equality • Artistic Culture in the Hispanic language world: • The influence of 'idols' • Regional identity in Spain • Cultural Heritage • Study of a Spanish language film – Ocho Apellidos Vascos by Emilio Martínez-Lázaro

Year Two Content
Multiculturalism in Hispanic Society: • Immigration • Racism • Integration • Aspects of political life in the Hispanic World: • Youths of today, citizens of tomorrow • Monarchies and dictatorships • Social movements • Study of a Spanish language book La Casa de Bernada Alba by Federico García Lorca

How the course is assessed
Paper 1- Listening, Reading and Writing (100 marks) 2 1/5 hours 50% of the final grade **Paper 2**- Writing (80 marks) 2 hours 20% of the final grade **Paper 3**- Speaking (60 marks) 21-23 minutes 30% of the final grade

Future Career Opportunities
Trade, Law, Business, Academia, Commerce, Sales and Marketing, B2B Marketing, Hotel/Restaurant/Catering, Travel and Tourism, Politics, Translation and Interpreting, Travel Writing …. The possibilities are endless!

Who do I need to speak to if I need more information?
Mr Darby (Head of Modern Foreign Languages) or Mrs Ellison (KS5 specialist)

Subject Name	Music AQA
Entrance Criteria	Grade 6 in GCSE Music Having regular lessons on an instrument/voice to approximately grade 4 standard or above

Year One Content
The course is split into three main elements: performing, composing and listening/appraising. The first year of the course will start to explore the set works within the first area of study, choosing between, Romantic piano music and music from Mozart's operas. In addition to the first area of study, there is the choice to specialise in one of the following genres: pop music, music for media, Jazz. Within the course we will begin to develop compositional techniques, looking at composing in a range of styles linked to the areas of study. There will be ongoing performance opportunities throughout the course on their solo instrument or in an ensemble.

Year Two Content
The main structure of the course is the same as Year 1. Additional areas of study for Year 2 will include studying set works within the genre of the Baroque solo concerto. There will also be the choice to focus on a further topic of choice from: musical theatre, contemporary traditional music, Art music. In the second year of the course, we will begin to focus on the coursework element of composition; students will work on one composition from a choice of briefs set by the exam board, and one free composition from a brief chosen themselves. Performance opportunities will be ongoing, and we will be working towards preparing for the final performance recital of solo or ensemble pieces.

How the course is assessed
Performance (35%) is externally assessed with a recording of a solo or ensemble performance at least 10 minutes long. Composition (25%) is externally assessed in two parts; one composition to a brief, and one free composition of the candidates' choice, with both compositions combined lasting at least 4.5 minutes. The listening exam (40%) assesses general musical understanding, as well as essay questions based on analysis of the set works within the Areas of Study.

Future Career Opportunities
Music A level is obviously a great choice for anyone interested in studying music or music technology to a university or conservatoire level. It is also a highly regarded subject by all of the UK's top universities, due to the diverse range of practical, analytical and academic skills required. A good grade in Music A level can complement other subjects for university applications in other specialisms, so should be considered by anyone with a real interest in music regardless of whether it is there chosen career pathway or not.

Who do I need to speak to if I need more information?
Mr Gray – Head of Music

Subject Name	Philosophy, Ethics and Buddhism OCR
Entrance Criteria	A grade 6 in GCSE RE OR a grade 6 in English GCSE if GCSE RE was not taken

Year One Content

Component 01: Philosophy of religion

Students study philosophical language and thought, and issues and questions raised by belief:

- ✓ Ancient philosophical influences
- ✓ the nature of the soul, mind and body
- ✓ Arguments about the existence or non-existence of God
- ✓ The nature and impact of religious experience

Component 02: Religion and ethic

Students explore key concepts and the works of influential thinkers, ethical theories and their application:

- ✓ Normative ethical theories
- ✓ The application of ethical theory to two contemporary issues of importance
- ✓ Ethical language and thought

Component 03: Developments in religious thought Buddhism

Religious beliefs, values and teachings, their interconnections and how they vary historically and in the contemporary world

- ✓ Sources of religious wisdom and authority
- ✓ Practices which shape and express religious identity, and how these vary within a tradition

Year Two Content

Component 01: Philosophy of religion

- ✓ The challenge for religious belief of the problem of evil
- ✓ Ideas about the nature of God
- ✓ Issues in religious language.

Component 02: Religion and ethic

- ✓ Debates surrounding the significant idea of conscience
- ✓ Sexual ethics and the influence on ethical thought of developments in religious beliefs

Component 03: Developments in religious thought – Buddhism

- ✓ Significant social and historical developments in theology and religious thought
- ✓ Key themes related to the relationship between religion and society

How the course is assessed

Paper 1: Philosophy of Religion - 2 hour written paper - 33.3% of total grade. **Paper 2**: Religion and Ethics - 2 hour written paper - 33.3% of total grade. **Paper 3**: Developments in Religious Thought (Buddhism) - 2 hour written paper - 33.3% of total grade.

Future Career Opportunities

Students who study Religious Studies develop rigorous critical thinking skills, empathy, and compassion useful in a range of public-facing roles such as medicine, law, the civil service, charity work, counselling, journalism and social work among others.As the world moves forwards, employers will need people with the sensitivity and thoughtfulness to look at the choices we are making and to evaluate them in a critical way which keeps in mind the thousands of years of thought and debate that has taken us to where we are, whilst having the flexibility and moral insight to understand where new choices and ways of thinking may be necessary.

Who do I need to speak to for more information?

Mrs Barker – Head of POR

Subject Name	Physical Education OCR
Entrance Criteria	Grade 6 in GCSE Physical Education Club level participation

Year One Content
This course will develop your knowledge and understanding of associated theoretical aspects from the scientific to the socio-cultural plus an appreciation of physical performance. Lessons are both practical and theory. **Component 1: Physiological Factors Affecting Performance** You will study three theoretical areas in this section: Anatomy and physiology; Exercise Physiology; Biomechanics **Component 2: Psychological factors affecting Performance** You will study three theoretical areas in this section: Skill acquisition; Sports Psychology

Year Two Content
Component 3: Socio-cultural issues in Physical activity and Sport Sport, Society and Technological Influences **Component 4: Performance within Physical Education** One sport is assessed as either a performer or a coach. This sport is assessed internally, and again at moderation. You are also assessed in the analysis of a live performance (The Evaluation and Analysis of Performance for Improvement).

How the course is assessed
Component 1: 30% 2 hour written paper Component 2: 20% 1 hour written paper Component 3: 20% 1 hour written paper Component 4: 30% non- exam assessment

Future Career Opportunities
Sports & Exercise Science, Medicine, Physiotherapy, Sports Law, Sports Performance, Sports Development, Nutritionist, Sports Massage Therapy, Events Manager, Talent Project Coordinator, Performance Analyst, Sports Psychologist, Sports Conditioning, Sports Technology.

Who do I need to speak to if I need more information?
Mrs Bolton or Mrs Ebden – Co-Heads of Physical Education

Subject Name	Physics A OCR
Entrance Criteria	Grade 6 in GCSE Mathematics **AND** 6-6 in Combined Science **OR** 6 in Separate (Triple) GCSE Physics

Year One Content
Module 1: Development of practical skills in physics*
Module 2: Foundations of Physics Physical quantities and units, Scalars and vectors, Measurements
Module 3: Forces and motion Motion, Forces in action, Work and Energy, Materials, Newton's laws of motion and momentum
Module 4: Electrons, waves and photons Charge and current, Energy, power and resistance, Electrical circuits, Waves, Quantum physics

Year Two Content
Module 1: Development of practical skills in physics *Skills of planning, implementing, analysis and evaluation
Module 5: Newtonian world and astrophysics Thermal physics, Circular motion, Oscillations, Gravitational fields, Astrophysics
Module 6: Particles and medical physics Capacitors, Electric fields, Electromagnetism, Nuclear and particle physics, Medical imaging

How the course is assessed
2 written examination papers 2¼ hours in duration A further **synoptic examination paper** 1½ hours in duration *A teacher assessed **practical endorsement**

Future Career Opportunities
Aeronautical Engineer, Agricultural Engineer, Pilot, Archaeologist, Architect, Astronomer, Audio Engineer, Broadcasting, Cartographer, Chartered Surveyor, Civil Engineer, Climatologist, Clinical Scientist, Computing, Medic, Electrical Engineer, Environmental Scientist, Forensic Scientist, Geologist, Journalist, Marine Engineering, Mechanical Engineer, Medical Physicist, Meteorologist, Nuclear Scientist, Oceanographer, Pharmacist, Radiation Protection, Transport and many more!

Who do I need to speak to if I need more information?
Dr M Lewis – Head of Physics

Subject Name	A-Level Politics (Edexcel)
Entrance Criteria	Grade 6 in GCSE English OR other humanities subject completed in year 11 such as History, Geography or Economics.

Year One Content
The lessons will be equally divided between: **Component 1: UK politics** 1. Political Participation, students will study: democracy and participation, political parties, electoral systems, voting behaviour and the media. 2. Core Political Ideas, students will study: Conservatism, liberalism, socialism. **Component 2: UK government** 1. UK Government, students will study: the constitution, parliament, Prime Minister and executive, relationships between the branches. 2. Optional Political Ideas, students will study: Feminism

Year Two Content
The lessons will be divided up in the following way: 70% component 3, and 30% component 2 **Component 2: Political ideas** Students will study Feminism **Component 3: Theories of Global Politics** Sovereignty and globalisation, global governance, political and economic, global governance, human rights and environmental, power and developments, regionalism and the European Union.

How the course is assessed
There are three written examinations. One for component 1, 2 and 3. Each written examination is worth 33.3% of the final grade.

Future Career Opportunities
Politics is a well-regarded subject that can open many doors. It enables students to learn to construct an evidence-based argument, and be critical of others; all valuable assets to any future employer. You could enter a career such as the civil service, local council, journalism, business, marketing, public affairs consultant, charity administrator, human rights organisations, accountancy, law, management, media, public sector work and Local MP/work in Parliament.
Who do I need to speak to for more information?
Miss Howard – Head of History and Politics Mrs Bethencourt-Smith – Teacher of Politics

Subject Name	Psychology AQA
Entrance Criteria	Grade 5-5 in GCSE Combined Science or grade 5 in Separate (Triple) GCSE Biology

Year One Content
Psychology studies human mind and behaviour. This course will develop the knowledge and understanding of the core issues of modern psychology and ability to understand yourself and others a little better. In Year 12 you will study: • Memory • Attachment • Approaches to psychopathology • Biopsychology • Psychopathology • Research Methods (Year 1) • Approaches (Year 1)

Year Two Content
In Year 13, you will study the following core content: • Biopsychology (Year 2) • Research methods (Year 2) • Approaches (Year 2) • Issues and debates There are also Option Topics, for which you will study: • Forensic psychology • Gender • Schizophrenia

How the course is assessed
Paper 1: 2 hours, 96 marks in total and 33.3% of total A-level **Paper 2:** 2 hours, 96 marks in total and 33.3% of total A-level **Paper 3:** 2 hours, 96 marks in total and 33.3% of total A-level Question include multiple choice, short answers and extended writing .

Future Career Opportunities
Business development, Accountancy, Human resources, Forensic psychology, Occupational therapy, Clinical psychology, Nursing, Teaching…. The possibilities are endless!

Who do I need to speak to for more information?
Miss H. Illingworth – Head of Social Sciences

Subject Name	Sociology AQA
Entrance Criteria	Grade 5 in GCSE English

Year One Content
Sociology is a study of society: its laws, norms and rules. This course will develop knowledge and understanding of the structures and cultures of different societies throughout the world and throughout history. In Year 12, you will study the following subject areas: • Family and households • Education • Theory and methods

Year Two Content
In Year 13, you will study the following areas: • Crime and Deviance • Theory and methods • Media

How the course is assessed
Paper 1 -2 hours , 80 marks in total and 33.3% of total A-level **Paper 2** -2 hours , 80 marks in total and 33.3% of total A-level **Paper 3** -2 hours , 80 marks in total and 33.3% of total A-level All papers will include short answers and extended writing.

Future Career Opportunities
Studying sociology at university can give you a whole host of exciting career options, including Social work, Human resources, Advertising, Policing, Marketing, Journalism, Law and Teaching.

Who do I speak to if I need more information?
Miss H. Illingworth – Head of Social Sciences

Enrichment and Leadership Opportunities

Early entry and Oxbridge preparation
In depth UCAS preparation and support
Preparation for apprenticeship applications
Extended Project Qualification
Practice Interviews
Work Experience week
Medics Society
STEM Society
Young Enterprise
Links to Wellington College for lectures/speakers
Residential field trips
Language exchanges
Leading whole school and subject assemblies
Student leadership, House and subject Prefect System
Running 'House' events
Running subject clubs
Debating
Classroom Attachment
Primary school links
Peer Mentoring
Volunteering in the community
Volunteering in the learning link
Charity work
Local and regional Competitions
Sports Teams
Social events and BBQs

Questions to ask

Notes and Thoughts