Sixth Form 2019-20

Dear Students

We are delighted to introduce you to our friendly and vibrant co-educational sixth form, where we will support you to achieve your very best and prepare you for life beyond school. We will inspire you to aim high so you can go in your chosen direction.

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 in 2018 were excellent with 30.3% A*-A and 81% A*- C.

Throughout your time in the sixth form, we want to grow your self-confidence so you know you can do whatever you want with hard work, commitment and guidance. By choosing to study at The Holt you will be presented with unique opportunities to

- Widen your experiences by involving yourself with the many clubs and competitions on offer
- Develop your leadership skills and build meaningful relationships with younger students through our diverse enrichment opportunities
- Receive expert information, advice and guidance, which will allow you to progress to the best universities, apprenticeships or employment.

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

- 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 form tutor
- In –depth preparation for post-18 options
- Excellent facilities, including a private study room, kitchen, conference and study room.

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 Friday 7th December 2018. 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	Mrs Skeates	c.skeates@holt.wokingham.sch.uk
Biology	Mrs Whitehouse	g.whitehouse@holt.wokingham.sch.uk
Business	Mrs Styles	m.styles@holt.wokingham.sch.uk
Chemistry	Mrs Nayyar	r.nayyar@holt.wokingham.sch.uk
Computer Science	Mrs Dearing	k.dearing@holt.wokingham.sch.uk
Economics	Mrs Styles	m.styles@holt.wokingham.sch.uk
English Literature	Mrs McClelland	r.mcclelland@holt.wokingham.sch.uk
French	Mrs Davis	a.davis@holt.wokingham.sch.uk
Further Maths	Mrs Tearle	m.tearle@holt.wokingham.sch.uk
Geography	Mr Marrison	t.marrison@holt.wokingham.sch.uk
Government & Politics	Mr Furlong	j.furlong@holt.wokingham.sch.uk
History	Mr Furlong	j.furlong@holt.wokingham.sch.uk
Maths	Mrs Tearle	m.tearle@holt.wokingham.sch.uk
Music	Mr Gray	a.gray@holt.wokingham.sch.uk
Physical Education	Mrs Bolton	s.bolton@holt.wokingham.sch.uk
Physics	Mr Stromdale	p.stromdale@holt.wokingham.sch.uk
Psychology	Mrs Dakovic	m.dakovic@holt.wokingham.sch.uk
Sociology	Mrs Dakovic	m.dakovic@holt.wokingham.sch.uk
Spanish	Mrs Stoker	n.stoker@holt.wokingham.sch.uk
Design & Technology – Fashion & Textiles	Mrs Williams	t.williams@holt.wokingham.sch.uk

BTEC Course

Subject	Head of Department	Email Address
Health & Social Care OCR Level 3	Mrs Dakovic	m.dakovic@holt.wokingham.sch.uk

Sixth Form Team

Job Title	Name	Email Address
Head of Sixth Form Teaching & Learning	Mrs Kemp	a.kemp@holt.wokingham.sch.uk
Head of Sixth Form Pastoral	Mrs Bellis	j.bellis@holt.wokingham.sch.uk
Sixth Form Coordinator	Mrs Gale	j.gale@holt.wokingham.sch.uk

Subject Name	Art
Entrance Criteria	Minimum of a 6 in GCSE for Art

Year One Content
Component 1: Personal Investigation Students will explore a range of techniques and themes before focusing on a personal investigation. The investigation should demonstrate an ability to research a theme, drawing it 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 Having chosen a starting point set by the exam board, students are required to produce a sustained project that explores the theme in a personal manner. The final piece 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 many opportunities for careers in the media and communications industries, teaching, fashion/textiles design and in museums and art galleries. An art and design degree prepares students for the new creative economy.

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

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, which costs approximately £280.

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).

Subject Name	Business
Entrance Criteria	Preferably a 5 in Maths GCSE

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.

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

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!

Subject Name	Computer Science
Entrance Criteria	Preferably a 5 in GCSE Mathematics and GCSE Computing

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.

Subject Name	Economics
Entrance Criteria	Preferably a grade 6 in Maths GCSE

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 even becoming an Economist.

Subject Name	English Literature
Entrance Criteria	Preferably a GCSE grade 6 or above in English language and literature

Year One Content
Literary Genres In your first year of study, you will explore the literary genre, comedy, in depth and understand how it has developed over time. For this, you will study a range of texts including *Twelfth Night* by Shakespeare text, a play and a range of poetry.

Year Two Content
Texts and Genres AND Theory and Independence In your second year of study, you will explore a new literary genre which encompasses an exciting range of texts including: a modern novel, a 19th century text and a range of poetry. You will also complete two pieces of independent coursework. After learning about critical theories such as feminism, Marxism and aestheticism, you will use these ideas to deconstruct one poem and one prose text which you choose yourself.

How the course is assessed
Literary Genres - A closed-book examination worth 40% Texts and Genres - An open-book examination worth 40% Non-exam Assessment: Theory and Independence. A coursework portfolio comprising of two

Future Career Opportunities
Higher education courses in law, history, journalism and publishing. As well as potential careers in teaching, advertising, marketing, digital media, public relations and public sector roles in the civil service.

Subject Name	French
Entrance Criteria	6 or higher in French GCSE

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 - Au Revoir les Enfants directed by Louis Malle

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: either Albert Camus L'étranger or Joseph Joffo Un sac de billes

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.

Subject Name	Further Maths
Entrance Criteria	Grade 8 in Maths GCSE

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. **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.

Subject Name	Geography
Entrance Criteria	Preferably a 6 in GCSE Geography

Year One 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. **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. **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 **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** **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 £350.**

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.

Subject Name	Government & Politics
Entrance Criteria	Preferably a grade 5 in GCSE English OR other humanities subjects 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 or Ecologism

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 or Ecologism **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 grants you a range of transferable skills and versatile knowledge that can lead to a whole host of career opportunities, 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.

Subject Name	Health and Social Care OCR Level 3 Cambridge Technical Extended Certificate
Entrance Criteria	

Content
6 units made up of mandatory and optional units: Everybody will study the following mandatory units: • Building positive relationships in health and social care • Equality, diversity and rights in health and social care • Health, safety and security in health and social care • Anatomy and physiology for health and social care Then we will chose two from: Infection control Supporting people with learning disabilities Nutrition for health Sexual health, reproduction and early development stages The impact of long-term physiological conditions Supporting people with dementia Supporting people with mental health conditions Psychology for health and social care Sociology for health and social care Public health

How the course is assessed
The assessment consists of 3 internally-assessed units and 3 externally-assessed exams.

Future Career Opportunities
The health and social care sector employs vast numbers of people across the country within a varied range of job roles, with the workforce totalling around 3 million people. Many careers involve meeting the needs of people and, with this in mind, the Cambridge Technical in Health and Social Care offer a wide range of units. These enable students to learn about key areas and to meet the needs of people in the health and social care sector. This would provide an ideal foundation for students to progress to more advanced studies and to the work place. Possible careers include: Childcare, Care for the elderly and vulnerable, Nursing, Health Care Assistant, Social Work, Midwifery, Mental, Health work, Counselling Youth work and paramedic.

Subject Name	History
Entrance Criteria	Preferably a grade 6 in History GCSE **OR** 6 in English GCSE if History GCSE not taken

Year One Content
Unit 1C: Consolidation of the Tudor Dynasty: England 1485-1547 • Monarchy restored and enhances, 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 – Coursework** A piece of coursework of approximately 3500 words on an historical issue of your choice. The coursework is an independent study that allows students to demonstrate and develop many of the skills looked for by universities.

How the course is assessed
There are two examinations to be taken at the end of Year 13 which are 2 hours and 30 minutes long. One on the Tudor Unit (1C) and one on the Germany unit (2O). Each is worth 40% of the final grade. The Historical investigation is a non-examined element of the course that comprises 20% of the final grade.

Future Career Opportunities
People with a history degree: Chris Martin, Sacha Baron Cohen (Ali G), Jonathan Ross, Al Murray, Louis Theroux, Lord Sainsbury, Sir Howard Stringer, Anita Roddick, Diane Abbott MP, Michael Palin, Lord Coe, Michael Mansfield QC, Gordon Brown (former PM), HRH Prince Charles, anyone that matters…..!

Subject Name	Mathematics
Entrance Criteria	At least a 7 in Maths GCSE

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.

Subject Name	Music
Entrance Criteria	At least a 6 in Music GCSE 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 compliment 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.

Subject Name	Physical Education
Entrance Criteria	Preferably a 6 in Physical Education GCSE

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.

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

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!

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

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!

Subject Name	Sociology
Entrance Criteria	

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 • Methods in context • Theory and methods

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

Subject Name	Spanish
Entrance Criteria	At least a 6 in Spanish GCSE

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 directed by Emilio Martinez 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 'Como Agua para Chocolate' by Laura Esquível

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!

Subject Name	Design & Technology – Fashion & Textiles – AQA 7562
Entrance Criteria	

Year One Content
Core Technical principles, will include: • Materials and applications • Performance characteristics of materials • Methods of joining and use of components • The use of finishes • Enhancement of materials • Designing and making principles • Design theory • How technology and cultural changes can impact on the work of the designers • Design processes • Critical analysis and evaluation • Selecting appropriate tools, equipment and processes • Accuracy in design and manufacture • Responsible design • Design for manufacture and project management • National and international standards in product design

Year Two Content
Additional specialist knowledge, will include: • Modern industrial and commercial practice • Digital design and manufacture • The requirements for textile and fashion design and development • Health and safety • Protecting designs and intellectual property • Design for manufacturing, maintenance, repair and disposal • Feasibility studies • Enterprise and marketing in the development of products • Design communication **The non-exam assessment (NEA) is made up of a single substantial design and make project.** There are four sections to this: Exploration, Designing, Making and Analysis and Evaluation.

How the course is assessed
Paper 1 (2 ½ hours) - Core technical principles and core designing and making principles, worth 25% **Paper 2 (1 ½ hours)** - Additional specialist knowledge, core technical and core designing and making principles 2 hour paper – 25% Non-exam assessment criteria (NEA)– 50%: 100marks

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

Enrichment and Leadership Opportunities

Early entry and Oxbridge preparation
In depth UCAS preparation and support
Preparation for apprenticeship applications
Extended Project
Practice Interviews
Work Experience week
Medics Society
STEM Society
Young Enterprise
Links to Eton 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

Notes and Thoughts

Questions to ask

The Holt School