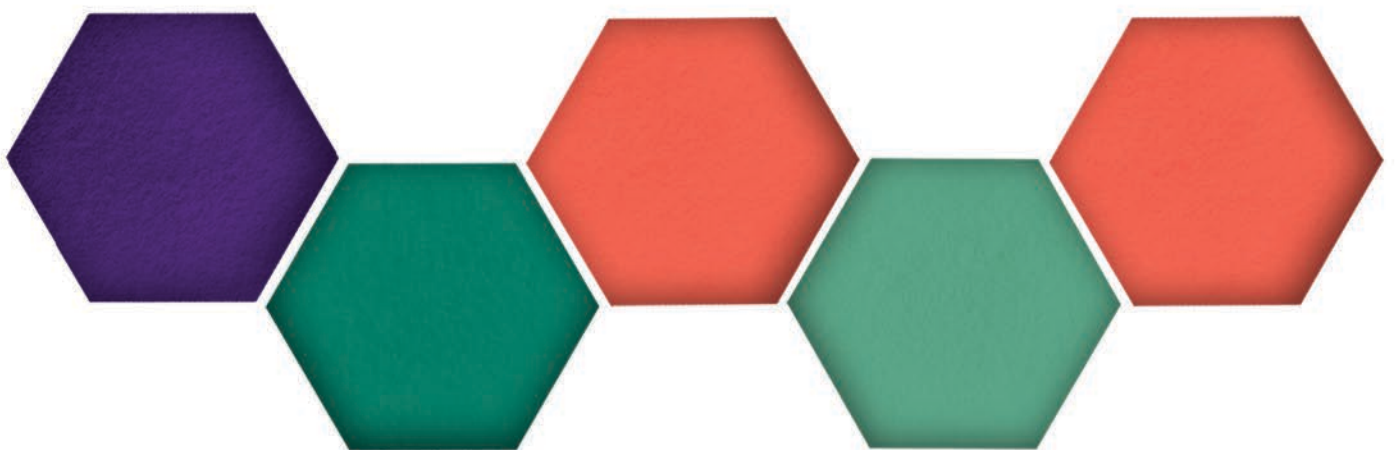




Hutton Sixth Form Course Guide



Information for applicants

The application form is available via our website, we will be in touch with any important information throughout the process and you can send any queries through to sixthformadmissions@huttongrammar.org.

Application Process

- Complete the online application form from our website by February 2023
- All applicants are interviewed in March and April 2023
- Head Start Packs are distributed in July 2023
- Main enrolment takes place on 24th and 25th August 2023
- Term begins in September 2023

Subject choices

You can choose to study 3 or 4 A levels. Students can change their subject choices throughout September in year 12 and students taking 4 subjects can drop to 3 subjects at any time. As well as your subject choices, all our students take an EPQ (extended project qualification) with the support of their form tutor during year 12 – this is worth the equivalent of half an A level.

The college day

Students will have a maximum of five one hour lessons each day. There are three in the morning and two in the afternoon. Each subject is timetabled for 9 lessons over a 2-week period.

Once a week year 12 students will have an EPQ lesson with their form tutor. Year 13 will have a lesson to prepare for their futures – including completing UCAS applications, writing personal statements and establishing CV's for employment.

It is likely that sixth form students will have free periods during their day, this time should be used in a purposeful way. The Sixth Form Centre offers computers and workspaces for students to use, as well as a dedicated sixth form reference library.



EPQ - Extended Project Qualification

What is the EPQ?

All our year 12 students complete an EPQ, it is an independent research task and involves you either writing an extended essay of about 5,000 words or creating a product with an accompanying shorter essay of about 1,000 words. The EPQ is worth half an A level and can be very beneficial when applying for university, apprenticeships and employment. Top universities like Lancaster often lower offers when you are working on an EPQ.

In year 12, you will have 1 timetabled lesson per week with your form tutor for this qualification. Results are published on A-level results day. It is graded A* - E. So if you can show a university you got an A, they KNOW you are a worker. There is no exam, you will either write a report (essay) or produce an artefact (make something). You fill in a log as you go along and you give a presentation that summarises everything you have learned.

What topic should I choose?

Within reason, you can choose any topic you like. Once you have thought of a question, it will need to be agreed by Mr Hill or Miss Wright. They might make suggestions to improve it. It should be something you are genuinely interested in. It also doesn't have to be something related to a subject you are studying for A level. If you are studying French, English & Economics A level, you could still do your EPQ on PE, Food Tech, Physics etc.



Art - Fine Art

Couse leader: Miss Taylor - r.taylor@huttongrammar.org

What topics are covered in this subject?

Students will create their own personal project that may contain experimental drawing and paintings on many materials, these can be a range of sizes. Student artwork may take the form of journals, notebooks, worksheets and rough studies, with final small and large scale outcomes. This will form the coursework element of the A level.

Students will then focus on an externally set examination. They will have time to select and research an exam topic. This may also take the form of journals, notebooks, worksheets and rough studies, with final personal outcomes.

How is this subject taught?

During the Fine Art A level, students will work with and explore a range of materials and media such as painting, drawing, printmaking and clay. Students will focus on contextual understanding by developing ideas through investigation. Personal Presentation is important in regards to students' personal responses and takes the form of skilful recording, drawing, research, photography and strong presentation.

60% of the grade will be assessed on coursework which focuses on a "personal" extended project

40% of the grade will be assessed on examwork which is an externally set examination.

Students will be taught in their own dedicated art study room that they will be able to use as a personal art studio.

What are the enrichment opportunities in this subject?

During this creative A level, students will be able to take part in workshops. This will help in refining specialist techniques and gives pupils opportunities to explore a wide range of materials.

At the end of the Fine Art A level, students will create their own gallery space in the sixth form art studio. This is a big celebration of everything that art pupils have achieved over the course.

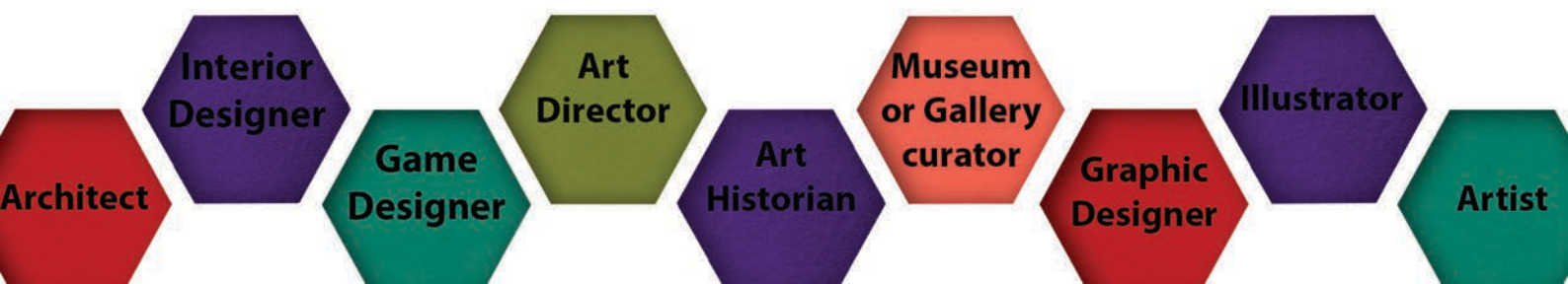
Where does this subject lead at 18+?

The creative industry is one of the fastest growing - art can lead you to many exciting opportunities in life:

**Pass rate:
100%
A*-B rate:
100%**

**Average
class size:
4**

**Exam
board:
AQA**

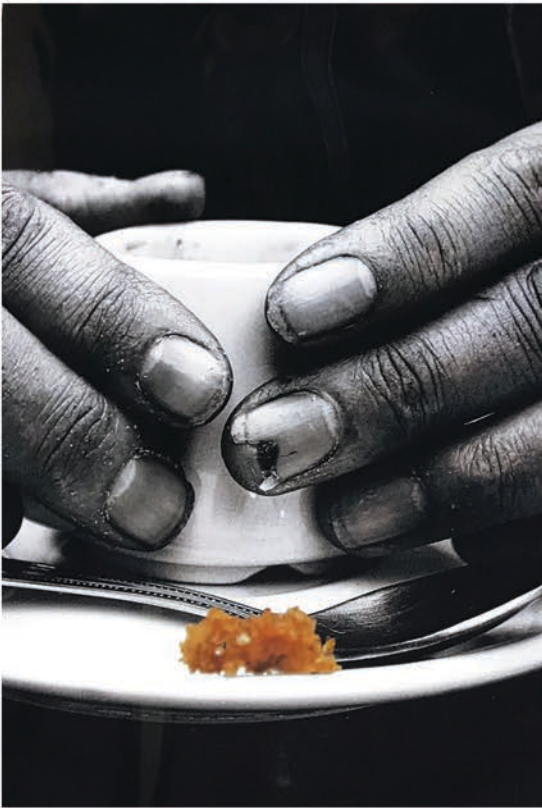


Art - Photography

Course Leader: Miss Taylor -
r.taylor@huttongrammar.org

What topics are covered in this subject?

A Level Photography will give students plenty of opportunities to study a wide breadth of photographic techniques and processes with a camera and also digital applications such as Photoshop. will be able to study a breadth of areas such as portraiture, landscapes, experimental imagery, fashion photography and installations. Students will get the opportunity to learn the range of outcomes can be produced



in Photography by exploring various techniques and processes.

Students will also focus on an externally set examination. They will have time to select and research an exam topic and produce a final personal photographic outcome.

How is this subject taught?

Lessons will explore experimental image making, studio and location shoots as well as refining digital techniques using software such as Adobe Photoshop. Students will undergo an array of workshops to strengthen their skills and knowledge to aid their creative journey.

Personal Presentation is important in regards to students' personal responses. This will involve making connections between visual or other elements in order to create imaginative responses and a personal enquiry.

Pupils will be taught in their own dedicated art and photography study room that they will be able to use as a personal art and photography studio.

What are the enrichment opportunities in this subject?

During this creative A Level, students will be able to take part in workshops. This will help in refining specialist techniques and gives pupils opportunities to explore a wide range of materials/media. At the end of the Photography A Level, pupils will create their own gallery "space in the Sixth Form Art Studio. This is a big celebration of everything that Photography students have achieved over the course.

Where does this subject lead at 18+?

Photography can lead you to many exciting opportunities in life. The creative industry is one of the fastest growing.

**Average
class size:**

4

**Exam
board: AQA**

**Pass
rate: 100%**
**A*-B rate:
100%**

Photographer

**Camera
Operator**

**Events
Photographer**

**Graphic
Designer**

**Media
Executive**

**Fashion
Journalist**

Advertising

Biology

Subject leader: Mrs Freeman -
s.freeman@huttongrammar.org

**Pass
rate: 100%**
**A*-B rate:
72%**

**Average
class size: 10**

**Exam
board: AQA**

What topics are covered in this subject?

Biology involves the study of a wide range of exciting topics, ranging from Molecular Biology to the study of whole ecosystems, and from microorganisms to mammoths. It leads to an in-depth appreciation of the living world around us.

We follow the AQA Biology specification which includes the following topics:

- | Year 1 | Year 2 |
|--|--|
| 1. Biological Molecules | 5. Energy transfers in and between organisms |
| 2. Cells | 6. Organisms respond to changes in their internal and external environment |
| 3. Organisms exchange substances with their environment | 7. Genetics, populations, evolution, and ecosystems |
| 4. Genetic information, variation, and relationships between organisms | 8. The control of gene expression |

How is this subject taught?

The course helps students to develop a number of skills including:

- Development of practical skills
- How to collect data and evaluate it
- How to investigate facts and use deduction
- How to put over your point of view effectively
- How to take responsibility for your own learning

The department is well equipped with a very practical approach to the subject. It is our intention to develop skills essential for a good scientist as well as achieving the best grades possible. Here at Hutton we deliver a very practical based course to ensure that students have ample opportunity to achieve all the competencies required by the exam board to gain this endorsement.



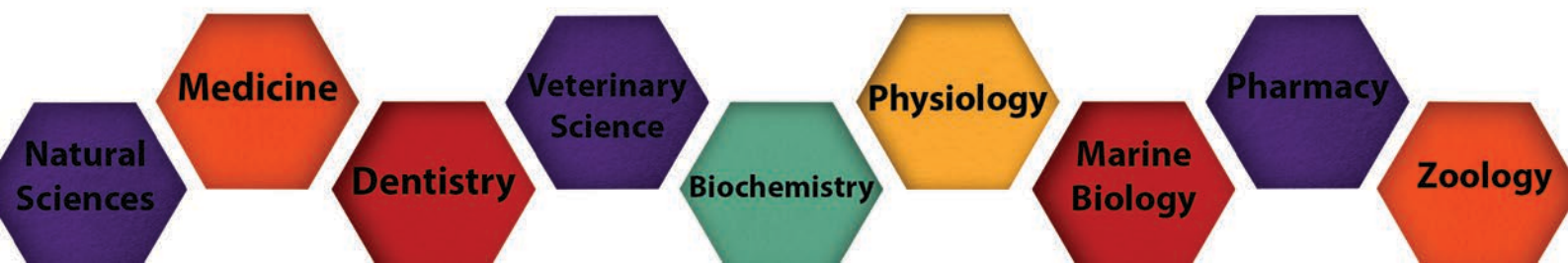
What are the enrichment opportunities in this subject?

There are ample fieldwork opportunities both on site in our extensive grounds and off site. Annually we complete a large field study at the Ainsdale Nature Reserve on the Sefton coast. We also collaborate with the Geography department in the use of statistical analysis of ecology data.

Each year a team of students is selected to represent Hutton at the North West region Royal Society of Biology competition, of which we have been previous winners.

Guest speakers have been invited into Hutton on a regular basis to talk about their particular science specialisms and potential career opportunities.

Where does this subject lead at 18+?



Business

Exam
Board:
Edexcel

Course leader: Mr Mansfield - t.mansfield@huttongrammar.org

What topics are covered in this subject?

Business is a 'live' subject with up to date examples of both good and poor practice emerging in the news daily. We cover the following themes:

Theme 1: Marketing and people

- Meeting customer needs
- The market
- Marketing mix and strategy
- Managing people
- Entrepreneurs and leaders

Theme 2: Managing business activities

- Raising finance
- Financial planning
- Managing finance
- Resource management
- External influences

Theme 3: Business decisions & strategy

- Business objectives and strategy
- Business growth
- Decision-making techniques
- Influences on business decisions
- Assessing competitiveness
- Managing change

Theme 4: Global business

- Globalisation
- Global markets and business expansion
- Global marketing
- Global industries and companies (multinational corporations)

Average
class size:
12

Pass
rate: 100%
A*-B rate:
100%



How is this subject taught?

This is a modern and dynamic course which encourages the practical application of business concepts by exploring events in the business world and relating these to business theories and practice. You will be taught by 2 experienced teachers with 9 lessons per fortnight.

What are the enrichment opportunities in this subject?

We run a Leyland Trucks Trip, have a guest speaker from Bank of England and students have the opportunity to join Business & Economics Society.

Where does this subject lead at 18+?

The knowledge and skills developed are useful in any workplace or could inspire you to set up your own business.

Human
Resources

Operations
Management

Marketing

Entrepreneur

Accountancy

Chemistry

Course Leader: Dr Penman - s.penman@huttongrammar.org



What topics are covered in this subject?

The Chemistry course is delivered through the three strands of Organic, Inorganic and Physical Chemistry. It builds upon some topics covered at GCSE such as Atomic Structure, Bonding and Quantitative Chemistry before moving on to new areas such as Organic Reaction Mechanisms, Redox Equilibria and Transition Metals. The range of topic areas and skills make the course both interesting and challenging and allow students to gain an appreciation of how science works and its importance in the wider world.

How is this subject taught?

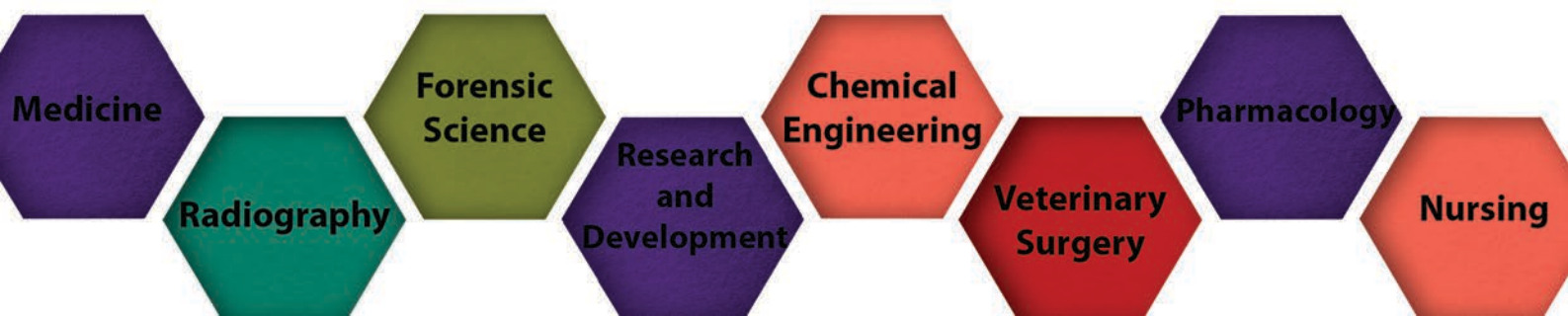
Lesson time includes opportunities to develop practical skills, study the course content, research applications and practise exam technique. Regular retrieval activities are used throughout the course

to strengthen understanding and to support revision of the content covered. Students work individually and collaboratively as they develop their problem solving skills in a range of different contexts. There is no coursework on this course. However, your performance during practicals will be assessed. There are three exams at the end of the two years for A level, all of which are two hours long. At least 15% of the marks for A level Chemistry are based on what you learned in your practicals.

What are the enrichment opportunities in this subject?

Year 12 Chemistry students are given the opportunity to compete in the Cambridge Chemistry Challenge each year and we also enter a team in the RSC Young Analyst competition. Guest speakers at our Science Cafe provide the opportunity to consider applications and research areas beyond the Chemistry curriculum. Sixth Form students also help to deliver science activities at local primary schools where their enthusiasm for Chemistry helps to motivate the young scientists.

Where does this subject lead at 18+?



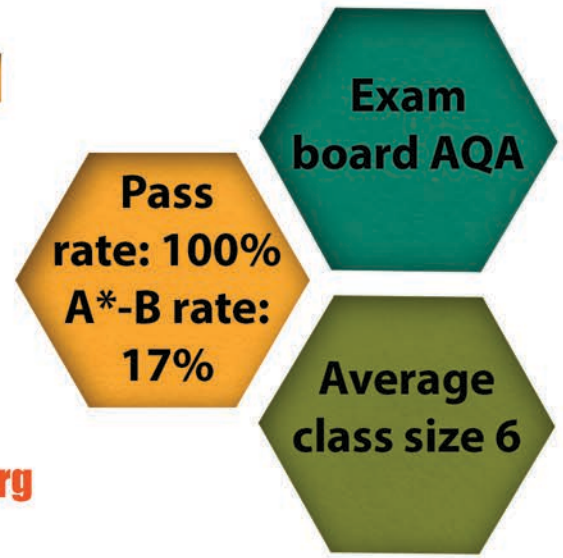
Average class size: 14

Exam board: AQA

Pass rate: 100%
A*-B rate: 63%

Computer Science

Course Leader: Mr Hulme n.hulme@huttongrammar.org



What topics are covered in this subject?

This course is aimed at students who are keen on practical computer work and especially keen on problem-solving. You will gain a comprehensive knowledge of computer systems and programming skills. The course covers a wide range of computing applications including data processing, control systems, artificial intelligence, the theory of relational databases and networking, along with hardware configurations. Programming is taught using Python. As with any A level subject, it involves hard work and some perseverance but it also brings its own rewards.

How is this subject taught?

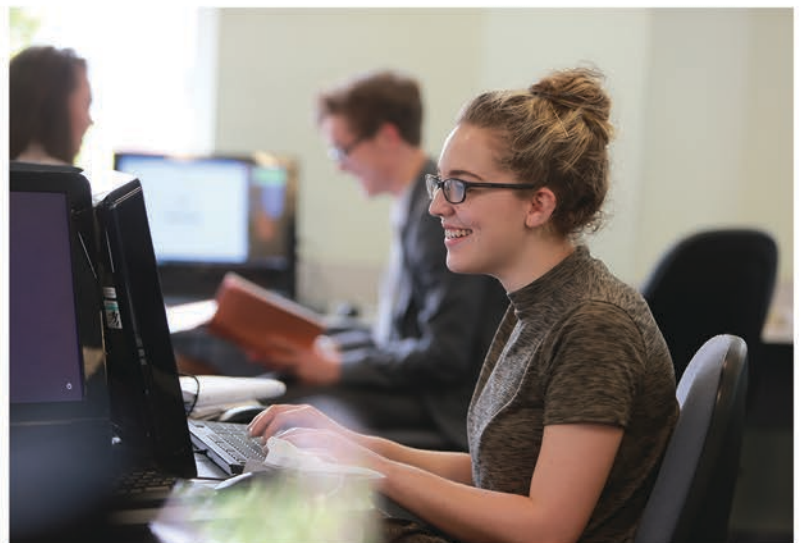
The lessons will have an extensive amount of both theory, and practical application of the theory using a variety of different methods, from creating simulations using Arduino to programming using Python. About half of class time is spent at the computers.

All of the practical application leads to the completion of a Programming Project in Year 13, a project which is chosen by the student. As well as the Programming Project (20%), there are 2 exams (both 40%). Paper 1 assesses the student's ability to program with a small amount of theory; the students are given a skeleton program which they use and modify to answer questions on the exam. Paper 2 assesses the rest of the theory.

What are the enrichment opportunities in this subject?

Over the years we have built a good relationship with SoccerManager, who are based on Preston Docks. Often we are asked to go and test the latest version of their game and give them some feedback.

We currently compete in the Tomorrow's Engineers Robotics Challenge, and whilst Sixth Form students are too old to compete, we always look for A level Computer Science students to mentor the students who will take part.



Where does this subject lead at 18+?



Design Technology - Product Design

Course Leader: Miss Furnell n.furnell@huttongrammar.org

What topics are covered in this subject?

The Product Design A level offered at Hutton covers a wide range of skills and topics. It is designed to build upon your GCSE. The course will help you develop your problem-solving skills through the design process, and subject knowledge.

Within the design process you will be asked to research, analyse, sketch, draw, use CAD, model, create, manufacture and evaluate a design problem. Subject knowledge includes, materials, manufacturing, creating a market need and digital technologies.

How is this subject taught?

Product design is taught within the design context. Projects are used to introduce new skills and subject knowledge. Based in a creative workshop design environment, skills will be taught and practiced during projects.

At the end of the course the subject award is split 50% exam 50% NEA (Non Exam Assessment). The exam is 2:30 long and will cover the wide range of subjects found in the syllabus. Some of this content will be taught through project-based learning. The NEA project can be architectural or product design based. It is expected to be a 40-page A3 design portfolio, with a working prototype or architectural model. It is a great opportunity for students to focus on their individual skills and interests.



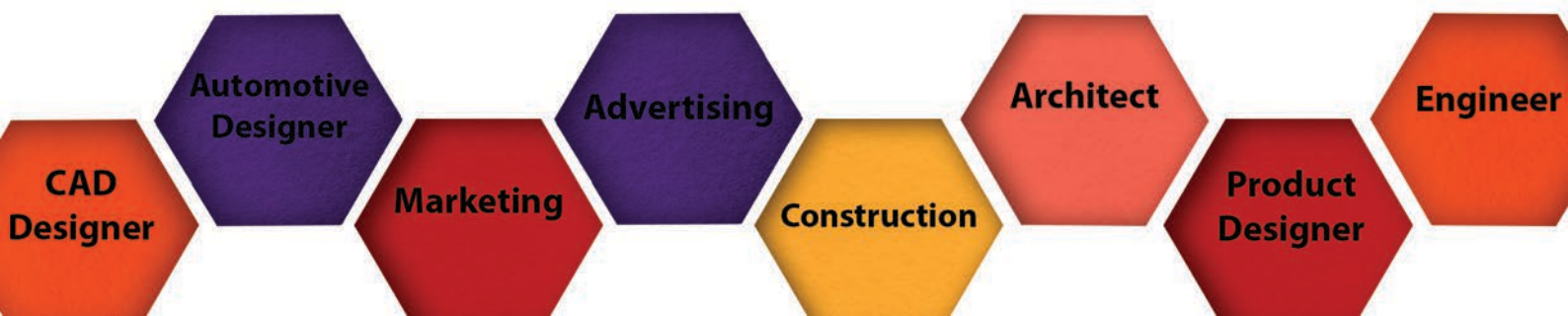
What are the enrichment opportunities in this subject?

Students will have the opportunity to partake in the Rotary Competition with BAE.

Trips can be organised to focus on specific aspects of your chosen NEA topic.

This is a "live" course and by following the course, students will be encouraged to recognise design needs and develop an understanding of how current global issues, including integrating technology, impacts on today's world.

Where does this subject lead at 18+?



CAD Designer

Automotive Designer

Marketing

Advertising

Construction

Architect

Product Designer

Engineer

Average class size: 6

Pass rate: 100%
A*-B rate: 50%

Exam board: Edexcel

Economics

Course leader: Mr Mansfield -
t.mansfield@huttongrammar.org

What topics are covered in this subject?

Individuals, Firms, Markets and Market Failure [Microeconomics]

1. Economic Methodology and the Economic Problem
2. Individual Economic Decision-Making
3. Price Determination in a Competitive Market
4. Production, Costs and Revenue
5. Perfect Competition, Imperfectly Competitive Markets and Monopoly
6. The Labour Market
7. The Distribution of Income and Wealth: Poverty and Inequality
8. The Market Mechanism, Market Failure and Government Intervention in Markets

The National and International Economy [Macroeconomics]

9. The Measurement of Macroeconomic Performance
10. How the Macroeconomy Works
11. Economic Performance
12. Financial Markets and Monetary Policy
13. Fiscal Policy and Supply-Side Policies
14. The International Economy

How is this subject taught?

You will be taught by two experienced teachers with 9 lessons per fortnight. During the lessons students are encouraged to discuss ideas and will participate in class room discussions.

What are the enrichment opportunities in this subject?

We welcome a guest speaker from the Bank of England. And run a trip to London for students.

Our Economic students enjoy joining the Hutton Sixth Form Business and Economics Society as well as taking part in the Debating Society.

Where does this subject lead at 18+?

The skills that students learn while studying Economics make them some of the most sought after graduates in the country. Also, because economists are needed in so many different fields it is not difficult to find employment in an area that specifically suits your interests and strengths.

**Pass
rate: 100%**
**A*-B rate:
95%**

**Average
class size:
14**

**Exam
board:
AQA**



Accountancy

**Business
Management**

Insurance

Banking

**Economic
Forecasting**

English Language and Literature

Subject Leader: Mrs Hill - j.hill2@huttongrammar.org

What topics are covered in this subject?

On this course you will undertake the close study of literary and linguistic issues covering all three genres of prose, poetry and drama, whilst also encountering a wide range of nonfiction. Modern and pre-twentieth century texts are studied, all of which are selected for their challenging natures both in terms of their style and subject matter. You will also further your linguistic studies in the analysis of speech and its representation.

How is this subject taught?

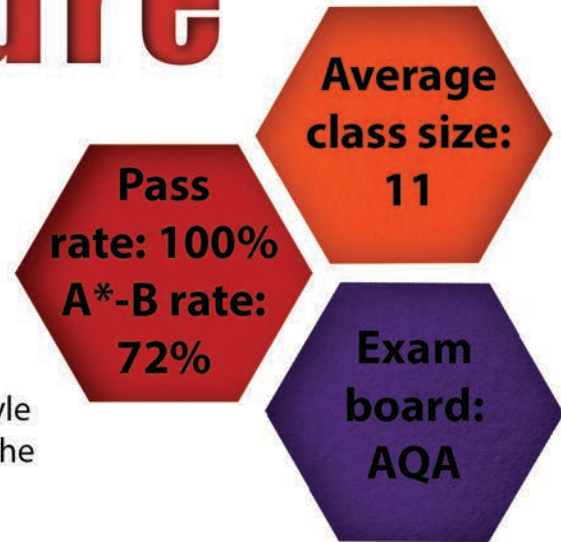
Lessons are often lively and discussion-led and we welcome students who are keen to think independently and share those ideas within lessons. As part of the A level course, students undertake their own independent study, with the opportunity to select and analyse texts that inspire and motivate on a personal level. Students are formally assessed in two external examinations at the end of the course.

What are the enrichment opportunities in this subject?

English Language and Literature students are offered an array of opportunities to suit their personal interests and prepare them for the future. Theatre visits, guest literary lecturers and writing competitions are offered throughout your time in Sixth Form. Opportunities to work with younger students are provided and students relish the chance to share their love of literature with others, through shared reading and by coordinating activities beyond their own study. Students may also wish to partake in the Sixth Form's Debating Society which enables students to think critically and to shape their arguments in a convincing, stylish manner.

Where does this subject lead at 18+?

A level English is accepted as an entry qualification for all but the most specialised university degree courses and is a sensible subject to accompany most other A level choices. Studying English teaches you to think analytically, read complex texts with understanding and express your ideas clearly and accurately. These are skills which are highly valued in all walks of life.



English Literature

Subject leader: Mrs Hill j.hill2@huttongrammar.org

Average
class size:
10

Pass
rate: 100%
A*-B rate:
65%

Exam
board:
AQA

What topics are covered in this subject?

If you are someone who enjoys analysing novels, poems and plays and considering how they are affected by when and where they were written, this is the course for you. We welcome students with inquiring minds who are prepared to explore and discuss a wide range of texts which are both challenging in their style and subject matter. You will consider texts in light of their critical reception and consider how their meanings have altered for readers over time.

How is this subject taught?

There is a strong emphasis on reading and discussion work in lessons and original ideas and interpretations are valued. Close readings of a wide range of texts from the English Literary Canon and beyond allow students to shape their views and interpretations, enlightened by the perspectives of others. As part of the A level course, students undertake their own independent study, with the opportunity to select and analyse texts that inspire and motivate on a personal level. Students are formally assessed in two external examinations at the end of the course.



What are the enrichment opportunities in this subject?

Literature students are offered an array of opportunities to suit their personal interests and prepare them for the future. Theatre visits, guest literary lecturers and writing competitions are offered throughout your time in Sixth Form. Opportunities to work with younger students are provided and students relish the chance to share their love of literature with others, through shared reading and by coordinating activities beyond their own study. Students may also wish to partake in the Sixth Form's Debating Society which enables students to think critically and to shape their arguments in a convincing, stylish manner.

Where does this subject lead at 18+?

Studying English teaches you to think analytically, read complex texts with understanding and express your ideas clearly and accurately. These are skills which are highly valued in all walks of life.

PR

Teaching

Legal
Profession

Drama
and
Theatre

Advertising

Publishing

Journalism

Marketing

Writing

French

**Average
class size:
4**

**Exam
board:
AQA**

**Pass
rate: 100%
A*-B rate:
100%**

Course Leader: Mrs Buglass - c.buglass@huttongrammar.org



What topics are covered in this subject?

A level languages are challenging and stimulating subjects which build on the skills you have developed at GCSE level. The A Level provides a thorough knowledge of the culture and society of the countries where your chosen language is spoken whilst improving your understanding of and fluency in the language. You will study a diverse range of topics including music, cinema, politics, immigration and the digital world to name just a few. The course is

enhanced through the study of a film and a novel, both of which are studied in the target language. You will also complete an independent research project on a topic of your choice in French.

How is this subject taught?

Small class sizes are guaranteed so you will have individual attention and ample opportunity to converse and improve your confidence and fluency with experienced teachers in a supportive environment. You will have access to an ebook and a wealth of online resources to support your learning in college and at home.

You will be assessed at the end of Year 13 by three exams. Paper 1 consists of listening and reading comprehensions as well as the summary and translation of unseen texts. Paper 2 requires you to write two essays about the film and novel you have studied. Finally, the speaking exam assesses your oral competency in your chosen language and consists of a photo card linked to one of the topics studied as well as a presentation and discussion of your independent research project.

What are the enrichment opportunities in this subject?

We have a number of overseas students in the Sixth Form who are native speakers of different European languages including French.

You will also have the opportunity to work with and coach younger students learning French.

Where does this subject lead at 18+?

Our world is becoming more and more connected and the citizens of the world are rapidly bridging national, social and linguistic differences. As well as having the potential to increase your salary by 20%, it can also give you an advantage over other potential employees. A language A level equips you with a wide range of transferable skills such as enhanced communication, critical thinking, research skills, confidence in expressing your ideas and opinions in addition to showing an understanding and empathy for others. All of these skills are highly sought after by employers in all sectors.

Translating

Interpreting

Business

Finance

Teaching

Further Mathematics

Pass rate: 100%
A*-B rate: 50%

Exam board: AQA

Average class size: 4

Course Leader: Mrs Rawsthorne -
lrawsthorne@huttongrammar.org

What topics are covered in this subject?

Further Mathematics can be taken in addition to A Level Mathematics, you will study Pure Mathematics, Mechanics and Statistics.

Topics covered in the **PURE** lessons include complex numbers, calculus, matrices, hyperbolic functions, polar coordinates, proof by induction, differential equations, vectors and more.

In **MECHANICS** you will study Momentum and Collisions, Work, Energy and Power, Circular Motion, Centres of Mass and Moments.

In **STATISTICS** you will study Discrete and continuous Random Variables, Poisson Distribution, Type 1 and Type 2 Errors, Confidence Intervals and more.

How is this subject taught?

Classes are usually very small, allowing students to have access to a lot of individual support and lessons are delivered in the main through a mixture of explanations, note-taking, working through relevant examples, discussion and student centred learning. You will have two teachers; one will teach Pure and Mechanics and the other will teach Pure and Statistics.

The department follows the AQA specification and the scheme of assessment is linear with the 3 papers taken at the end of year 13. Each paper contains a mix of question styles, from short, single mark questions to multi step problems.

What are the enrichment opportunities in this subject?

Students studying Further Mathematics are invited to assist in KS3 lessons to help weaker students. Students are entered for the individual Senior Mathematics Challenge organised by the UKMT and we also enter the team Competition at Lancaster University. Students have also entered the Ritangle competition run by MEI and attended Problem Solving courses at Lancaster University.

Where does this subject lead at 18+?

Students who take Further Mathematics are really demonstrating a strong commitment to their studies. Whilst many courses do not specify Further Mathematics explicitly, students with Further Mathematics qualifications are strongly welcomed on any maths-related course and often receive preferential offers because of this.



Engineering

Computing

Sciences

Data Science

Mathematics

Geography

Average
class size:
8

Exam
board:
Edexcel

Pass
rate: 100%
A*-B rate:
100%

Course Leader: Mr McKeand d.mckeand@huttongrammar.org



What topics are covered in this subject?

We study the following topics in A level

Geography at Hutton:

Regenerating Places

Globalisation

Glaciation

Tectonics

Water Cycle

Carbon Cycle

Superpowers

Migration, National Identity & Sovereignty

How is this subject taught?

Content is delivered through lessons with two experienced teachers. Each unit is tested at the end in a short exam. Ongoing assessments include presentations, videos, short exam questions, essays and projects.

Wider reading is essential in order to broaden your understanding of the complexities involved in both disciplines of Geography.

There is an independent NEA (Coursework) element in Year 13 which enables students to pursue an area of geography that they enjoy and have a passion for.

What are the enrichment opportunities in this subject?

There is a two day trip to London in which physical and human geography is looked into.

There is a national Young Geographer competition which is open to Years 12 & 13.

We have guest speakers from Edge Hill University and the opportunity to visit Liverpool Hope University's Geography Department. We run local trips to Formby, Preston, Morecambe, Liverpool and The Lake District to support the content of the course



Where does this subject lead at 18+?

A geography degree enables you to embark on a career in a range of fields. You'll also have many transferable skills, attracting potential employers.

Commerce

Teaching

Tourism

Industry

Business

Law

Transport

Public
Sectors

Finance
Sectors

History

Course Leader: Mrs O'Reilly n.oreilly@huttongrammar.org

What topics are covered in this subject?

A Level History involves the study of three modules:

Unit 1 – The USA: The Making of a Superpower 1865-1975

This unit allows students to study in breadth issues of change, continuity, cause and consequence in this period.

Unit 2 – The Making of Modern Britain 1951-2007 This unit promotes an understanding of change and continuity over approximately 50 years of British History.

Unit 3 – Historical Enquiry: Students will produce an investigation into a key question and produce a piece of extended writing of approximately 300-3500 words. Through undertaking the Historical Investigation, students will develop an enhanced understanding of the nature and purpose of history as a discipline and how historians work.

Pass rate: 100%
A*-B rate: 79%

Average class size: 10

Exam board: AQA



How is this subject taught?

Students will have 9 lessons of History over a two week period split across the two units. History lessons will help you develop your analytical skills and ability to construct an argument as well as giving you an understanding of how events have shaped Britain in the last century and a knowledge of the USA's history over a hundred year period. The course will help you develop your own opinions and to formulate well-reasoned arguments. You will learn how to critically appraise a historical source and will be able to research an area of History for

your NEA. With an emphasis on written communication, personal research and discussion, History A level will help you develop a range of important skills for the future.

What are the enrichment opportunities in this subject?

Students have the opportunity to visit London, the Houses of Parliament and the Supreme Court

Where does this subject lead at 18+?

At Hutton, we aim to provide an experience that will stimulate the mind and develop a life-long interest in the subject. Employers and academic institutions place a high value on skills developed through the study of History. In particular, they are impressed by the ability of historians to research, analyse and present information. Above all, History helps you to think logically and put forward reasoned arguments.

Law

Management

Journalism

Teaching

Accounting

Civil Service

Media

Police

Mathematics

Subject Leader: Mrs Rawsthorne - l.rawsthorne@huttongrammar.org

What topics are covered in this subject?

You will study Pure Mathematics, Mechanics and Statistics. The Pure topics include proof, algebra and functions, trigonometry, calculus, coordinate geometry, sequences and series, exponentials and logarithms and numerical methods. The Statistics topics cover statistical sampling, data presentation and interpretation, probability, statistical distributions and hypothesis testing. The Mechanics topics include quantities and units in Mechanics, kinematics, forces and Newton's laws of motion and moments.

How is this subject taught?

You will have 2 teachers, one will teach Pure and Statistics and the other will teach Pure and Mechanics. Classes are generally small and lessons are a mixture of explanations, note taking, working through relevant examples and student centred learning. In order to achieve the best grades possible, students should anticipate spending at least 3 hours of their own time on set work, topic familiarisation or reading round the subject. Staff in the Mathematics Department are specialists and are available for extra help or consultation.

What are the enrichment opportunities in this subject?

Students studying Mathematics are invited to assist in KS3 lessons to help weaker students. Students are encouraged to enter the individual Senior Mathematics Challenge organised by the UKMT and we also enter the team Competition at Lancaster University. We have also previously entered the Ritangle competition run by MEI and attended Problem Solving courses at Lancaster University.

Where does this subject lead at 18+?

When you obtain your A Level in Mathematics there will be many options available to you. University courses allow students to specialise in various branches of Mathematics or to study Mathematics in combination with other subjects. As there is a shortage of well qualified mathematicians, there are many well paid career options. Having a mathematical background can sometimes provide exemption from professional examinations and can be very favourable when applying for degree apprenticeships.



**Average
class size:
10**

**Exam
board:
AQA**

**Pass
rate: 100%
A*-B rate:
48%**

Finance

Commerce

Industry

Engineering

Education

Music

**Average
class size:
4**

**Exam
board:
AQA**

**Pass
rate: 100%
A*-B rate:
100%**

Course Leader: Miss Collinson - k.collinson@huttongrammar.org

What topics are covered in this subject?

The Music A level is split into three areas:

- 1) Appraising Music - Through this we look at everything from Beethoven to Muse, from the Classical era to Broadway Musicals and everything in between.
- 2) Performance - Through this you will learn to shape your own personal performance.
- 3) Composition - In this topic we will look at how compositions are put together. Looking at techniques and putting them into practice.



How is this subject taught?

Lessons will be taught with a mixture of theory and practical application. You will have time in class to work on your portfolio and will be expected to practice your instrument for the performance aspects of the course. You are assessed over the three topic areas, Appraising Music is assessed through a listening exam. For Composition you will be required to complete two pieces, one a free composition and the other to a brief. Your Performance is assessed by a 10 minute recital at the end of your second year.

What are the enrichment opportunities in this subject?

Music offers a rich array of extracurricular opportunities. There are many music clubs, from bands to vocal groups that you will be able to take advantage of. We run a large scale, full musical, every two years and look to the sixth form to carry much of the weight of that, with music students often taking lead roles or playing a part in the orchestra.

We also run a yearly residential; in this we take all musicians away for a weekend of rehearsals, where hopefully you will have some fun and try new things in a safe and creative environment.

Where does this subject lead at 18+?

Music is a very desirable subject for all further studies. It gives you many transferable skills that you could use to study music further or take with you into whatever further studies or employment you like.

**Professional
Musician**

Teaching

**Theatre
Work**

**Sound
Technician**

**Promotion
and Booking**

Music Technology

Course Leader: Miss Collinson k.collinson@huttongrammar.org

Average class size: 4

Exam board: AQA

What topics are covered in this subject?

This course looks at the technological side of music. Focusing on how to record and manipulate sounds. Throughout the study we will look at recording, composition, listening, analysing and producing. It is a very practical course that gives you many opportunities to record and produce as well as looking at the history of music technology and popular music.

How is this subject taught?

You will be taught through lectures and workshops with plenty of time to try techniques and improve your work. There will be instrumental experts for you to work with and opportunities to see the subject in the real world.



What are the enrichment opportunities in this subject?

There will be sessions out of school to see real life music technology setups, from recording to live sound in live venues.

You will also have the opportunity to be a part of the backstage crew for all shows that the school puts on, helping run the lighting and sound, as well as getting to use professional equipment and talk to the industry experts who are used to provide the equipment.



Where does this subject lead at 18+?

This subject lends itself well to further study and university and should also give you the practical skills required to take the first steps into the music industry from both a live sound and recording background.

Studio Manager

Audio Visual Specialist

Music Producer

Music Instructor

Studio Engineering

Media and Events

Music Director

Physical Education

Pass rate: 100%
A*-B rate: 34%

Exam board: OCR

Average class size: 6

Course Leader: Mr Aitchinson - g.aitchinson@huttongrammar.org

What topics are covered in this subject?

Component 01: Physical factors affecting performance

There are three topics:

- Applied anatomy and physiology
- Exercise physiology
- Biomechanics.

Component 02: Psychological factors affecting performance

There are two topics:

- Skill acquisition
- Sports psychology

Component 03: Socio-cultural issues in physical activity and sport

There are two topics:

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

Component 04: Performance in physical education

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



How is this subject taught?

A Level PE is classroom-based mixed with practical elements to reinforce the theoretical aspects in a practical way. This is enhanced by the use of video and skill analysis, relevant sports clips and

highlights, media coverage through social media, TV, newspapers, technology in sport etc.

What are the enrichment opportunities in this subject?

We welcome a Sports Psychologist as a guest speaker and run a trip where students spend the day with a sports injury physiotherapist. We also take a trip to a professional sporting event eg. The Open Championship

Where does this subject lead at 18+?



Physiotherapy

Sports Science

Sports Analysis

Coaching

Sports Development

Teaching

Sports Psychology

Physics

Course Leader: Mr Roberts - t.roberts@huttongrammar.org

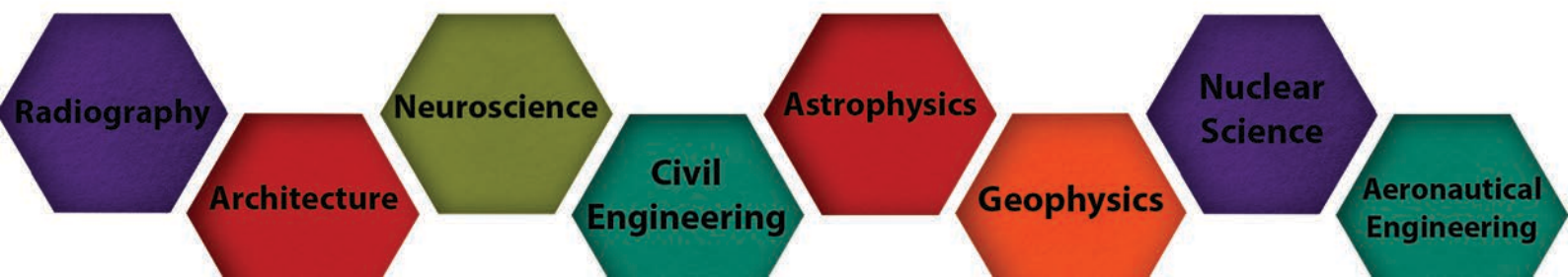
What topics are covered in this subject?

You will already have come across some of the concepts of physics at school or in your everyday life such as forces, energy, waves, radioactivity, electricity and magnetism. At A level you will start to see how these ideas work together and begin to grasp the universal principles that apply to everything, from the smallest atoms to the largest galaxies. You will study concepts in much more depth than GCSE and you will realise that lots of the gadgets that we take for granted, such as games machines, laptops and mobile phones wouldn't exist without physicists!



Where does this subject lead at 18+?

Physics is considered to be one of the most versatile and employable subjects, and the skills and knowledge developed on this A level course are relevant in many areas of study and work.



Pass rate: 100%
A*-B rate: 67%

Exam board: AQA

Average class size: 11

How is this subject taught?

At Hutton you will study physics in well-resourced laboratories supported by a team of specialist teachers. We follow the AQA Physics A level specification, and our course will provide you with frequent opportunities to develop your experimental and problem-solving skills. You will carry out a wide range of experiments, including the AQA required practicals. Whilst it is not essential for you to study A level Maths, you should expect your studies throughout the physics course to require you to apply your mathematical skills.

What are the enrichment opportunities in this subject?

We regularly invite outside speakers from local industry and higher education establishments to provide our students with an insight into where their studies can lead. In recent years, enrichment activities have included visiting local universities, learning about the physics of theme parks, participating in a scientific expedition and taking part in the 'Isaac Physics' programme.

Politics

Subject Leader: Mr Hill - j.hill1@huttongrammar.org

What topics are covered in this subject?

A Level Politics at Hutton covers 3 major areas which we study in great depth:

Unit 1 – The politics and government of the UK

Unit 2 – The politics and government of the USA and comparative politics

Unit 3 – Political ideas: liberalism, conservatism, socialism and nationalism

During A level Politics, students will look at issues such as democracy, voting behaviour, political parties, pressure groups, civil rights and the Constitution in order to develop a critical awareness of the changing nature of politics and the relationships between political ideas, political institutions and political processes.

How is this subject taught?

Politics at Hutton is taught by an experienced teacher with much emphasis on using current affairs as discussion points to explore the topics covered on the specification. You will have 9 lessons per fortnight and you will also learn how to craft answers to exam style questions and essays throughout the course.

Covering news and current affairs from the UK and USA, A level Politics will help you to understand how both countries are run and develop research, written communication and debating skills. It also helps grow your confidence.

What are the enrichment opportunities in this subject?

We run a trip to London for all Politics students where we visit the Houses of Parliament, the UK Supreme Court and Whitehall.



Politics students are encouraged to join Hutton's Debating Society where a wide variety of political topics are explored and debated.

We also have visits from external speakers such as local MPs, councillors, civil servants and political advisers.

Where does this subject lead at 18+?

In recent years, some of our past A level Politics students have gone on to study degrees at elite universities including both Oxford and Cambridge, work for political parties and gain employment in management positions at large businesses.

Pass rate: 100%
A*-B rate: 100%

Exam board: AQA

Average class size: 7

Ethics

Advertising

Media

Civil Service

Government

Journalism

Political Parties

Psychology

**Exam
board:
AQA**

**Course Leader: Mrs Palmer -
a.palmer@huttongrammar.org**

**Pass
rate: 100%
A*-B rate:
28%**

**Average
class size:
12**

What topics are covered in this subject?

Psychology is a fascinating and engaging subject which will give you new ways to look at and interpret your world and the people who inhabit it. The two year Psychology A level course delivered at Hutton Sixth form offers you the opportunity to learn about the science of the human mind and behaviour by understanding how research is conducted and used to develop theories and laws about the mind and behaviour.

In Year 1 you will study the following topics: key approaches in psychology, social psychology, psychopathology, memory, research methods, biopsychology and attachments.

In Year 2 you study the following topics: forensic psychology, gender development, research methods, schizophrenia and issues and debates in psychology.

How is this subject taught?

If you study Psychology at Hutton you will benefit from highly experienced teachers who have been teaching the subject for over 20 years and have experience as AQA examiners.

We run a psychology clinic on a weekday lunchtime to provide additional support and guidance to any students. We pride ourselves on excellent resources and enjoyable and engaging lessons in a relaxed and friendly learning environment.

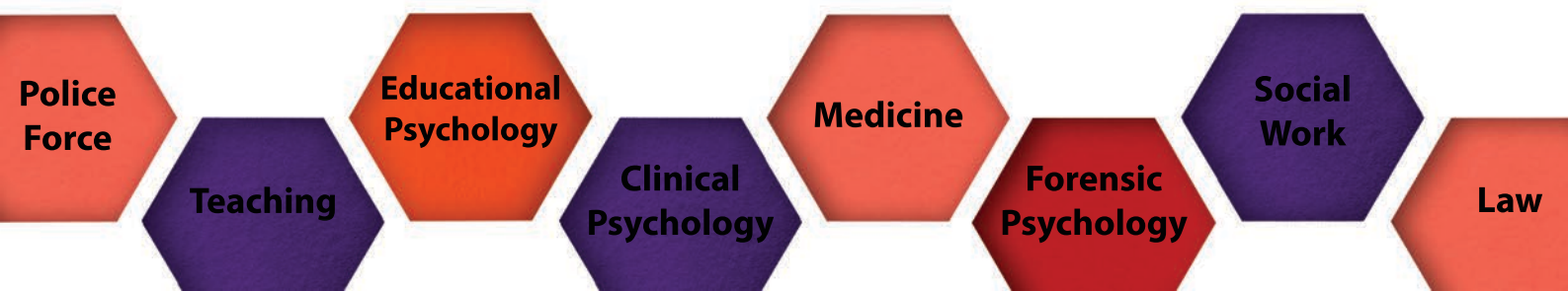


What are the enrichment opportunities in this subject?

The Psychology Department has many opportunities on offer to allow you to take your learning and engagement beyond the classroom. Every year we support the charity 'Young Minds' and organise 'Hello Yellow Day' where Psychology students have the opportunity to organise a fundraising event which is designed to raise awareness about mental health.

We visit the zoo to study animal behaviour, we have visited Garth and Lancaster prisons and have university lecturers visit to deliver specialist lectures on topics such as forensic psychology and schizophrenia. We have also organised a bi-annual trip to Euro Disney in Paris where students can attend the psychology live conference and enjoy the culture of Paris and the theme parks on offer. We also attend revision conferences every year to prepare for the exams towards the end of Year 13.

Where does this subject lead at 18+?



Religious Studies

Course Leader: Mrs Watson - I.watson@huttongrammar.org

What topics are covered in this subject?

Religious Studies is an interesting and intellectually challenging A level because its study raises many questions about God, the world around us and the historical and spiritual significance of the New Testament. Religious Studies also develops a variety of skills, including those of analysis, discussion and debate. The valuable skills of logical argument and critical evaluation are also developed and can be transferred to other areas of study. Religious Studies is a useful stepping stone to many careers because it encourages an understanding of what people believe and how it affects their lives. Units of study include: Philosophy of Religion, Ethics and New Testament Studies.

Pass rate: 100%
A*-B rate: 58%

Exam board: Edexcel

Average class size: 5



How is this subject taught?

Religious Studies is taught in a classroom setting through a variety of methods including debate and discussions, lectures and media clips, independent research and activities, partner and group tasks.

What are the enrichment opportunities in this subject?

The Religious Studies Department is always looking to enrich the experiences and learning of students who take

our course and so this varies from year to year. Currently Religious Studies offers opportunities to link with universities, such as the University of Chester and students are invited to attend university sessions and conferences. We invite speakers, such as members of the clergy, into 6th form to explain and expand on deep theological concepts.

Where does this subject lead at 18+?

A Level Religious Studies is a well-recognised and respected qualification. Students will benefit from learning how to present arguments clearly and logically. Religious Studies also gives students an appreciation and understanding of alternative points of view and is therefore very useful.



Sociology

Course Leader: Mrs Palmer - a.palmer@huttongrammar.org

**Average
class size:
6**

**Pass
rate: 100%
A*-B rate:
62%**

**Exam
board:
AQA**



What topics are covered in this subject?

A Level Sociology at Hutton Sixth form is an engaging and divergent subject that challenges students' perceptions of everyday life. As part of the AQA specification students will study the impact of vital social institutions such as the family, the education system and the criminal justice system on individuals and groups. Additionally, students will

examine global sociology and the future of society as well as the different forces and influences that shape society as a whole and the people within it. Students are required to be keen on reading and thinking about controversial ideas, conflicting arguments and evidence. You will have to be prepared to develop your ability in essay writing. This course involves studying statistics and trends so you have to come ready to think in an analytical way.

How is this subject taught?

If you study Sociology at Hutton, you will benefit from highly experienced specialist teachers who are experienced AQA examiners. The classes are small and involve group discussions and interactive learning.

In Year 1 you will study the following topics: Education, Methods in Context, Research Methods and Families and Households.

In Year 2 you study the following topics: Crime and Deviance, Theory and Methods and Beliefs in Society.

What are the enrichment opportunities in this subject?

The Sociology Department has many opportunities on offer to allow you to take your learning and engagement beyond the classroom. We offer a range of trips and invite in guest speakers. We have organised live prison tours to support the topic of Crime and have had specialist lectures in topics such as Crime and Education. We also organise trips during the Beliefs in Society topic to visit places of worship and attend revision conferences every year to prepare for the exams.

Where does this subject lead at 18+?

A level Sociology is recognised by employers and universities alike as an excellent qualification showing literacy, numeracy, scientific ability and insight into human situations.

Criminology

**Social
Work**

**Public
Services**

Teaching

**Social
Research**

Law

Counselling

Politics

**Family
Support
Work**