



Huntington Sixth Form

Learn and Succeed



PROSPECTUS **2023**

Learn and Succeed

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> Welcome to the Sixth Form at Huntington School



Martyn Johnson, Director of Sixth Form and Students

A good Sixth Form should offer three things: excellent teaching and learning; exciting extra-curricular activities and real support for every individual student. Results suggest, and our students tell us, that they are consistently challenged and encouraged to reach the highest possible standards in their work. We offer a huge range of extra-curricular activities including sport, theatre, music, community activities, support for younger students and charity work. We ask all our students to make a contribution to the school, and wider community and as a result they are looked on as leaders by younger students in school.

Throughout their time in the Sixth Form our students are given high quality, ongoing academic and personal support by a team of committed and dedicated staff. The result of all this is that our students have every chance possible to leave us and go on to enjoy great success in higher education and employment.

Please explore this prospectus to find out more about the courses we offer and the extra-curricular opportunities available. If you would like to discuss joining our Sixth Form, please contact us; we would be delighted to meet with you and show you around our school.

Our school's core purpose is Learn and Succeed. Everything we do in the Sixth Form seeks to fulfil that purpose.

> Joining the Sixth Form

On behalf of the Sixth Form Student Leaders and wider student body, it is our pleasure to welcome you to Huntington Sixth form. Whilst the jump from GCSEs to A-levels is intense, Sixth Form is definitely a time to try new subjects, make new friends - and most importantly to make the most of the wide variety of opportunities available to you.

Each year we have an exciting composition of students from far and wide. As well as taking in students from the main school at Huntington and other schools across York, we have international students from countries in Europe and beyond. Huntington Sixth Form prides itself upon having such a diverse mix of students - putting its students in good stead for life beyond A-levels. The fulfilling environment at Huntington Sixth form encourages students to go above and beyond expectations, as well as developing long lasting friendships.

The Sixth Form Student Leaders are integral to creating an environment everyone can thrive in. Its role is to be a voice for students and to organise events on behalf of the entire Sixth Form. We've arranged: meals out; sporting competitions; bowling and trips to theme parks to name a few. We also pride ourselves in being a student body that helps its community by regularly raising money for local charities.

Our Sixth Form is not only a great place to get involved with social events, but also a great place to study, as shown by our consecutively strong exam results and wide variety of study facilities. You can choose your A-level subjects based around your passions and interests - creating a positive learning environment of like-minded individuals.

We hope you enjoy reading this prospectus and look forward to meeting you in September.

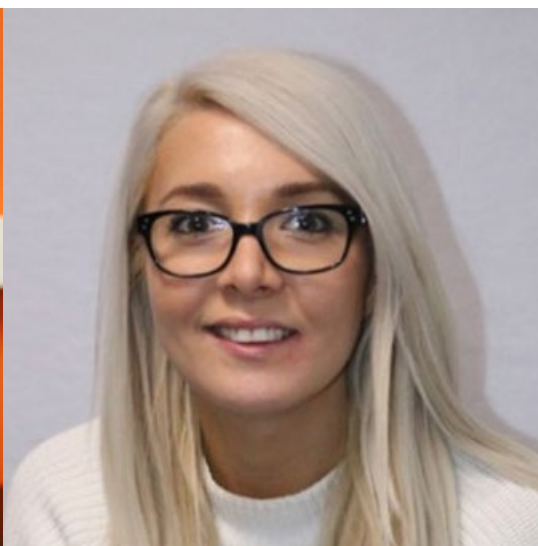


Sixth Form Student Leaders

In 2023, Huntington Sixth Form was ranked in the top 10% of post 16 providers in England for student progress (ALPS).



Rachel Wilson, Head of Year



Laura Hobson, Head of Year



Amanda Blunt, Student Support

> Student Profiles



Emily Mould

Emily Mould

I stayed at Huntington for Sixth Form after completing my GCSEs to study Biology, Chemistry, Maths and History. I knew I didn't want to go anywhere else because I was familiar with the teaching style and as a result I knew that the quality of teaching would be really high. Studying science subjects, I was looking for somewhere with excellent laboratory facilities, and the ones at Huntington are outstanding.

A massive advantage of Huntington is that it has the Personal Development Programme on Wednesday afternoons, which has enabled me to work as a volunteer in a hospital pharmacy, and has been extremely useful in helping me decide what to study at university.

I am currently applying to study Natural Sciences at Cambridge University and the school have been incredibly supportive in helping me achieve my ambition.



John Tuffen

John Tuffen

I joined Huntington Sixth Form from the Vale of York Academy as I already knew a couple of people who went here who had said that the teaching was excellent.

Currently, I am studying Music, Maths and History. I really enjoy all of these subjects, and the teachers are fantastic at making things really clear. One of my favourite aspects of Huntington is the extra-curricular activities, especially in the Music department. There are loads of choirs and bands for all skill levels, and they are all really fun.

The Personal Development Programme is also a definite highlight. One of my favourites has been taking part in the Pantomime band. This helped to develop my teamwork and confidence, and was a fantastic experience from start to finish. I have enjoyed every single second of Sixth Form so far, and I believe that I definitely made the right decision in coming here.



Rosalind Cooper

Rosalind Cooper

I joined Huntington Sixth Form from the Mount School in York to study Spanish, History and Geography. It was a big change, but definitely the right decision for me. Everyone has been so welcoming, particularly the music department, which is a thriving part of the school community.

The teachers are very supportive and always encourage us to reach our full potential academically. There is also a strong sense of fun in the Sixth Form - the Christmas panto was a real highlight of my year and just one of the many extra-curricular opportunities that Huntington offers.

Freddy Orchard

I chose to move to Huntington Sixth Form after completing my GCSEs at Easingwold, given the school's excellent reputation for teaching. I'm studying Maths, Economics and History and have enjoyed the refreshing new environment and brilliant facilities.

I've really liked the idea of being able to do the Extended Project Qualification in addition to my subjects. It's allowed me to explore economics in more depth and use it for my university application. I have also found the Personal Development Programme to be very useful as I have boosted my CV through work experience.

Lily Geering

I joined Huntington Sixth after completing my GCSEs at Manor to study English Literature, Drama and Psychology. I decided to come to Huntington because of the strong community feel the Sixth Form had when I came to visit on the open days. Additionally, I love the friendly but academic environment of the Sixth Form and how easy it was to settle in and make new friends.

Both staff and students are all so friendly and happy to help with anything, and there are many social events and extra curricular activities to get involved in. The Sixth Form also provides a Personal Development Programme on Wednesday afternoons which offers both challenging and exciting opportunities and can result in a very rewarding experience. I am currently involved in the Pantomime and am looking forward to performing it this coming Christmas.

Ben Bruce

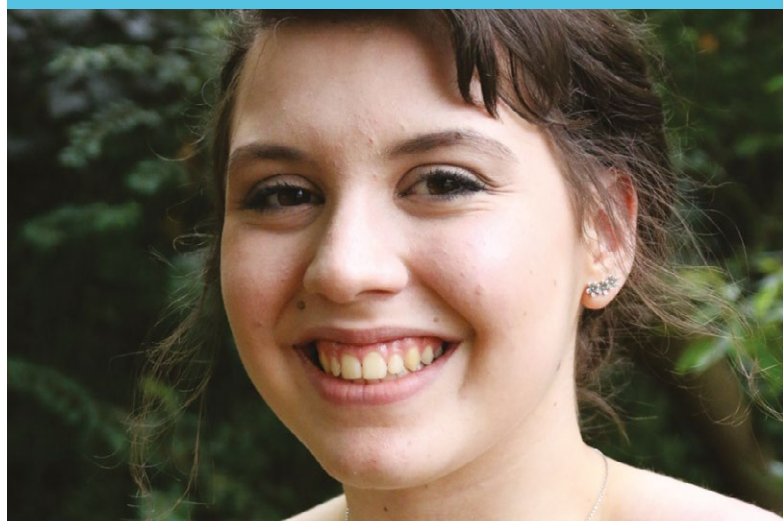
I joined Huntington Sixth Form from Joseph Rowntree School because of the opportunities that the music department offer. I wanted to study Music Technology which wasn't available at Joseph Rowntree.

I really enjoyed the school environment at Huntington and found that I felt comfortable straight away. I chose to study PE, Music Technology and Photography all of which I love.

My first year has been a brilliant experience, I'm glad I chose to come to Huntington Sixth Form, and I'm really excited for my second year of A-levels.



Freddy Orchard



Lily Geering



Ben Bruce

> Life in the Sixth Form

Private Study

Private study is an important and integral part of Sixth Form work and it is one of the major differences students notice on entering the Sixth Form. The properly organised use of time is a crucial part of succeeding in the Sixth Form. Our Sixth Form offers excellent facilities for private study. Students have access to the library and two 'Sixth Form only' study areas. All these areas are wirelessly connected and students have access to over 70 computers that are only for Sixth Formers. The ability to work independently and with others is something universities and employers look for in students. We offer guidance and support throughout the Sixth Form in helping all our students become truly independent learners.

Homework

Homework is an essential part of all Sixth Form courses. Students should spend a minimum of fifteen hours per week outside school on homework. The successful Sixth Former is prepared to investigate new areas independently and read widely.

Oxbridge Programme

At Huntington Sixth Form we are ambitious for all our students. For those who want to apply to Oxford and Cambridge we have in place a highly successful programme. It involves individual coaching by staff, bespoke personal statement guidance and interviews with specialists from across the region. Our track record is highly successful with twelve students having gone on to study at Oxford or Cambridge in the last three years.



Monitoring Progress

One of the biggest reasons why students of all abilities succeed in our Sixth Form is the strength of our monitoring and tracking systems. At the beginning of Year 12 all students are set a minimum target grade for the completion of their courses. This is based on their performance at GCSE. We challenge all our students to be in the top 25% of students nationally with similar GCSE grades. Their performance is formally monitored on several occasions over two years. Subject teachers, form tutors, pastoral staff and the students themselves are involved in this process. Progress grades are sent home and students and teachers set targets together for further improvement. Throughout the two years we offer a wide range of advice and guidance and we support any student who experiences any kind of difficulty.

The Common Room

This is the Sixth Formers' own personal space and is an area run by the Sixth Formers for the Sixth Formers. The common room has its own outstanding cafe which serves everything from bacon bagels to pasta dishes. It is a large space with a huge range of seating.



> Personal and Social Development

Pastoral Support

On entering the Sixth Form, each student is assigned a Form Tutor, who is responsible for the pastoral well-being of each student in their care. Students see their Form Tutor at least once a day and will have a formal interview with them at least every four weeks. In addition, the Head of Year, the Student Support Leader and Director of Sixth Form are available to discuss issues with parents and students.

The Personal Development Programme

Every Wednesday afternoon our students are given the opportunity to develop their skills and talents outside the classroom through a range of extra-curricular activities. There are a huge range of activities including Duke of Edinburgh (bronze and silver), Music, Drama, Debating, Masterchef, Gardening, Young Enterprise, Community Sports Leadership - to name but a few! It is a condition of entry that every student pledges to become involved in service to others during their time in the Sixth Form, thus ensuring that every single Sixth Former makes a positive contribution to the community.

In addition, there are many other extra-curricular activities that take place throughout the year. These include paired reading, various sports, drama and student leadership opportunities.

Careers Advice and Work Experience

Throughout their time at Huntington Sixth Form, students are provided with advice and guidance on career options and work experience. All Sixth Formers not applying for Higher Education participate in a Careers Programme to help them find the most suitable career path. Similarly, we operate an extensive programme of preparation for Higher Education to enable all our students who wish to do so to prepare themselves for higher education, advising them on application procedures, student finance, interview procedures and university courses. We take this part of our pastoral care provision very seriously and seek to involve parents at every stage of this.

At Huntington School, our Sixth Formers are encouraged to develop a confident and outward-looking approach to life through a wide range of extra-curricular activities and extensive pastoral support.



Sixth Form Student Leaders

Huntington Sixth Form has a vibrant and energetic culture and the Sixth Form Student Leaders are central to this. Each form elects a Leader who organise social and charitable activities throughout the year. They have a budget, plenty of autonomy and run everything from entertainment events to the Sixth Form Fun Sports Day. The Leaders also ensure that Sixth Formers' views are represented within the school by regular meetings with Mr Johnson.

Sixth Form Societies

There are a variety of societies open to the Sixth Form from Football to Secret Choir. In particular the Amnesty Society run a number of high profile campaigns and fund raising events throughout the year. They were even finalists in the Amnesty National Youth Awards in two separate categories. Sixth Form life is also about taking new opportunities and meeting new people and so joining a society is actively encouraged!



> Choosing Courses

What do I Need to Join the Sixth Form?

There are certain criteria you must fulfil to enter the Sixth Form. In assessing applicants, we look at GCSE grades but we also take into account the personal qualities and skills of potential students. All the criteria we apply are designed to ensure that you are ready to tackle the demands of Post 16 qualifications and that you have the skills to succeed. The most important thing at this stage is to match your desired courses and subjects with your own skills and abilities. On entering the Sixth Form we generally expect students to have at least five GCSE grades 9-4, two of which should be at least grade 5.

Which Course Should I Choose?

At Huntington Sixth Form we offer a large range of A-levels and a smaller number of Level 3 Certificates and Diplomas. Students should select either three or four courses to study. As a result, you should select subjects that you think will enjoy and be good at as so much of your time will be spent studying them.

It is essential that you look closely at the detailed individual subject descriptions in the following section as each subject has its own specific entry criteria which must be met.

Extended Project Qualification

All students are offered the Extended Project Qualification in Year 12 which is taught for two hours a week. The EPQ allows students to plan and carry out research on a topic that they've chosen and isn't covered by their other qualifications. They can take inspiration from something personal and unrelated to their studies. They then use this research to produce a written report which is worth half an A-level or Level 3 Certificate.

Cooperation With Joseph Rowntree

As part of our commitment to offer the broadest range of courses to all our students, Huntington and Joseph Rowntree Sixth Forms are strengthening their existing partnership. We continue to collaborate on a small number of courses in 2022-23, which are identified within the course information. Whilst retaining our own distinct identity, we will work closely to ensure that the quality of learning, teaching, guidance and support is outstanding in both institutions.



> The Subjects

A-Level Qualifications

A-levels are two years in length and in most cases have two or three exams at the end of the course.

- | | |
|--|---------------------------------------|
| 14 Art & Design: Fine Art | 29 History |
| 15 Art & Design: Textiles | 30 Mathematics |
| 16 Biology | 31 Media Studies |
| 17 Business Studies | 32 Music |
| 18 Chemistry | 33 Music Technology |
| 19 Computer Science | 34 Photography |
| 20 Design & Technology: Product Design | 35 Physical Education |
| 21 Drama & Theatre | 36 Physics |
| 22 Economics | 37 Politics |
| 23 English Language | 38 Psychology |
| 24 English Literature | 39 Religious Studies |
| 25 French | 40 Sociolinguistics: English Language |
| 26 Further Mathematics | 41 Sociology |
| 27 Geography | 42 Spanish |
| 28 German | |

Level 3 Certificates and Diplomas

We offer Level 3 Certificates and Diplomas in a range of subjects. Each Level 3 Certificate is equivalent to one A-level and each Level 3 Diploma is equivalent to two A-levels. They have significantly more coursework than A-levels and fewer exams. Each subject is awarded on a Pass, Merit, Distinction and Distinction Plus basis and are accepted by both universities and employers.

- | | |
|-----------------------------|--|
| 43 Applied Business | 47 Health & Social Care (Extended Certificate) |
| 44 Applied Science | 48 Health & Social Care (Technical Diploma) |
| 45 Criminology | 49 IT |
| 46 Food Science & Nutrition | |

A-Level Qualifications

> Art & Design: Fine Art

Course Description

Art and Design is an exciting subject covering a wide range of media and art experiences. Here at Huntington our Art Department offers A-level Fine Art which has a strong focus on painting and drawing. Students also work in many areas including digital media, video installation and 3-dimensional design as well as the more traditional drawing and painting in oils and acrylic etc. It truly is a limitless course, where we encourage the students to develop their own ideas and themes, giving them opportunities to create exciting, innovative and diverse work.

Work is project-based, beginning with artist research, experimentation and exploration of materials and developing student ideas, this leads to a wide range of outcomes. Students are trained in concepts and techniques and are expected to show commitment and a real interest in the subject. There is the opportunity to visit galleries in this country and abroad (subject to current restrictions) to reinforce and stimulate students' own work, most recently to major London galleries in 2020.

We are incredibly lucky to have our own dedicated sixth form art studio space, allowing students to work in their own time. Our studio is a welcoming space where students can access our art library, the iPads and iPencils. We subscribe to Tate and Royal Academy Art magazines where students can keep up to date with contemporary art news and enjoy tea or coffee from our refreshments area.

Course Content (AQA)

• COMPONENT 1: Portfolio

Coursework consists of two elements: practical, skill building and a personal investigation. This A level is coursework based, known as Non-Examined Assessment (NEA).

We begin the course developing student's skills in lots of areas of Fine Art, exploring the possibilities of materials. Students look at artists to develop their own interest before deciding on a personal theme. In the practical element students pursue their own creative ideas in a chosen area of art that holds a special interest for them, which must be linked to the personal investigation. In the personal investigation the student researches and establishes sustainable links between their own work and that of other artists whilst fully exploring their own creative capabilities and communicating visually their journey. It usually takes the form of a study in a sketchbook with a written text of between 1000 and 3000 words. This is worth 60% of the grade.

• COMPONENT 2: Externally Set Assignment

A theme is set by the exam board and students utilise skills and ideas developed in component 1 to produce a portfolio of evidence. This is completed in the spring term of Year 13, with the majority of the portfolio completed in normal lesson time. The final response(s) is completed under examination conditions. This is worth 40% of the grade.

Career Possibilities

Art A Level is an important qualification in any area of employment that requires a creative mind. Art will develop visual skills, critical thinking; it values curiosity, enquiry, resilience and independent thinking. Learning through making encourages imaginative thinking and interpretation through experimentation and analysis. This style of learning develops an ability to think about problems from a broad perspective. It is necessary for entry onto an art Foundation Course, a prerequisite for most university art courses, and is recognised by universities as an academic Advanced Level for entry into a wide range of courses in non art-based subjects.

GCSE Grade Profile

Students who study Art must have achieved five GCSE grades from 9 - 4, with a recommendation of Grade 5 in Art and Design.



A-Level Qualifications

> Art & Design: Textiles

Course Description

If you have an interest in fashion design, interior design, fashion or interior styling, merchandising, fashion buying or journalism then this is a course to hone your talents and help create a pathway to further education within the subject. During the two-year Textiles A-Level, students will encounter a broad range of techniques and processes, and develop skills, ideas and experiences that support their creation of high quality textiles. Work produced on this course will demonstrate the use of creative skills to develop individual thoughts, feelings, observations and ideas within their projects.

The course will introduce students to all aspects of textiles work, which could include fashion, costume, digitally or traditionally printed and/or dyed fabrics, garments and materials, interior design, constructed textiles (knitted, woven, embellished or combined with other materials), textile installation and accessories. Students will learn vital textile skills as well as studying the work of other textile artists to inspire their work. They will learn analytical skills in studying the work of others, as well as creating meaningful collections of their own. You do not require GCSE textiles to take this course but an interest in Art and Textiles is important, as well as the creativity to combine and link textiles techniques and drawing.

Course Content (AQA)

In year 12, we focus on a range of embellishing, colouring and structuring fabrics. We also study different approaches to fashion drawing. Some of the techniques include screen printing, lino printing and structural techniques include ruffles, heat shibori and fabric manipulation. We the begin component 1 in the final term of year 12.

• COMPONENT 1: Personal Investigation (60%)

Students are asked to choose a major project that has a personal significance. They must investigate artists and designers to inform their practical work. The investigation must include a personal study of between 1000-3000 words.

• COMPONENT 2: Externally set assignment (40%)

Students select a starting point from a release question paper. Responses are developed during the preparation study period. Students are given 15 hours of controlled time to work on developing their ideas to produce an outcome/product.

Career Possibilities

An Advanced Level course in Art and Design Textiles is a widely recognised academic qualification. It can lead to Further and Higher Education in a wide variety of courses and to employment in research, fashion, construction, commerce and marketing within the textiles and clothing fields.

GCSE Grade Profile

Students who wish to study this subject will normally have achieved grades 4-9 in a range of GCSE subjects. It would be advantageous to have studied Textiles or Art but it is not essential.



A-Level Qualifications

> Biology

Course Description

Biology at A level will enable you to acquire a systematic body of biological knowledge and an appreciation of its significance. It is a subject that can provide you with great enjoyment and respect for all things living. This course develops many of the topics you may have already studied and introduces you to some of the exciting areas of Biology in the contemporary world. You may study, for example, the influence that genes have on our development, environmental issues and aspects of human health. Biology is a practical science subject so you will develop experimental skills and an understanding of the scientific method. It is hoped that this course will help you gain some understanding of the fresh, dynamic and exciting nature of biology today, and an awareness of the ethical, technological and economic aspects of the subject.

Course Content (AQA)

Year 1 Units

1. Biological molecules
2. Cells
3. Exchange of substances
4. Genetic information

A level Units (on top of the Year 1 Units)

5. Energy Systems
6. Responding to Change
7. Environmental Genetics
8. Genetic Control

Assessment

• PAPER 1

(Written exam: 2 hours, 91 marks, 35% of A-level)
Any content from 1-4, including relevant practical skills.

• PAPER 2

(Written exam: 2 hours, 91 marks, 35% of A-level)
Any content from 5-8, including relevant practical skills.

• PAPER 3

(Written exam: 2 hours, 78 marks, 30% of A-level)
Any content from 1-8, including relevant practical skills.

Although the 12 required practicals do not count towards your grade, they are pass or fail, 15% of written the assessment will be based on your knowledge practical skills.

10% of the assessment will require your GCSE Maths skills and higher. Learning the content is only 35-40% of the assessment. Being able to apply that knowledge, in sometimes unfamiliar contexts, is worth 40-45% and being able to analyse and evaluate scientific information is worth 20-25%.

Career Possibilities

An A level qualification in Biology could prepare you to study Biology or one of the Biological Sciences in Further or Higher Education. You may wish to take a more vocational course leading to a career in medicine, veterinary medicine, animal health, horticulture or agriculture.

GCSE Grade Profile

Students who study this subject will have achieved a minimum of a Grade 6-6 in GCSE Combined Science OR a 6 in GCSE Biology. Students must also achieve a minimum of a Grade 5 in GCSE Maths and at least a Grade 5 in GCSE English Language or Literature, due to the importance of vocabulary and clear written communication.



A-Level Qualifications

> Business Studies

Course Description

This is an exciting yet demanding course that enables students to explore real business situations and understand the role of the entrepreneur and business in society. You will have the opportunity to meet with and visit people from local business community and you will gain an insight into the main areas of business through case studies, role plays, discussions and visits.

Course Content (AQA)

- What is business
- Managers, leadership and decision making
- Decision making to improve marketing performance
- Decision making to improve operational performance
- Decision making to improve financial performance
- Decision making to improve human resource performance
- Analysing the strategic position of a business
- Choosing strategic direction
- Strategic methods: how to pursue strategies
- Managing strategic change

• PAPER 1: Business 1 (Written exam: 2 hours, 100 marks, 33.3% of A-level)

Three compulsory sections:

- Section A has 15 multiple choice questions (MCQs) worth 15 marks
- Section B has short answer questions worth 35 marks
- Sections C and D have two essay questions (choice of one from two and one from two) worth 25 marks each

• PAPER 2: Business 2 (Written exam: 2 hours, 100 marks, 33.3% of A-level)

Three data response compulsory questions worth approximately 33 marks each and made up of three or four part questions.

• PAPER 3: Business 3 (Written exam: 2 hours, 100 marks, 33.3% of A-level)

One compulsory case study followed by approximately six questions.

Before the qualification can be awarded, students must undertake all the assessments.

Career Possibilities

An A Level in Business Studies opens up many opportunities to study at degree level in Business, Management Studies, Accounting and Finance, Human Resources and Marketing. It also provides a good grounding for careers in banking, accounting, retail management and human resource management.

GCSE Grade Profile

Students who study Business Studies must have achieved five GCSE grades from 9 - 4. It is not necessary to have studied GCSE Business Studies. A 5 in Mathematics and English is necessary.



A-Level Qualifications

> Chemistry

Course Description

This is a contemporary course which aims to develop the student's enthusiasm for Chemistry by exploring its relevance beyond the laboratory. Students will have opportunities to gain hands on practical skills as well as enhance their data handling and problem solving ability.

Course Content

The three main areas of Chemistry are studied on the course: Physical, Inorganic and Organic Chemistry.

1. Physical Chemistry

This section builds upon some of the key Chemistry concepts studied at GCSE including Atomic Structure, Quantitative Chemistry (Calculations) Bonding and Kinetics (Rates of Reaction). The Energetics of reactions, Chemical Equilibria and Redox Reactions are also covered.

2. Inorganic Chemistry

Involves the study of the Periodic Table, including explaining trends and patterns in physical and chemical properties of the elements and the study of Group VII Halogens and Group II Alkaline Earth Metals.

3. Organic Chemistry

Following an introduction to the principles of Organic Chemistry students study in greater depth the structures, reactions and mechanisms of specific homologous series and functional groups, including alkanes, halogenoalkanes, alkenes and alcohols. We also undertake organic analysis both practically and using spectroscopic techniques.

Assessment

The course is assessed through examination papers:

• PAPER 1

Physical Chemistry, Inorganic Chemistry and relevant practical skills

• PAPER 2

Physical Chemistry, Organic Chemistry and relevant practical skills

• PAPER 3

Any of the content and any of the practical skills

Practical Endorsement

There is also a practical endorsement, which assesses the practical skills throughout the entire course.

You will engage in hands-on practical work and investigate projects throughout the 2 year course. The exams assess your understanding of the practical and experimental techniques taught. Your ability to actually carry out experiments is assessed in a separate qualification called the Practical Endorsement. This is assessed by your teacher based on your performance during practical tasks throughout the course, and also based on the work recorded in your lab book over the two years. The practical endorsement is reported on your final A-level certificate alongside your A-level grade, as either "Pass" or "Not reported".

Career Possibilities

The problem solving, numeracy, data handling, analysis, team working, communication and report writing skills gained during A level Chemistry open up opportunities in a vast range of career areas, both inside and outside the laboratory. Chemistry is vital for medical sciences but can also lead to careers in forensics, engineering, pharmaceuticals, toxicology, law, accountancy, physiotherapy and many other exciting and varied fields of work.

GCSE Grade Profile

Students who study this subject will have achieved a minimum of a Grade 6-6 in GCSE Combined Science OR a 6 in GCSE Chemistry. Students must also achieve a minimum of a Grade 5 in GCSE Maths, due the high mathematical demand of this subject.



A-Level Qualifications

> Computer Science

Course Description

This course will cover a range of topics such as contemporary system architecture; algorithms and programming. Computer Science is a practical subject where students can apply the academic principles to real-world systems, using computational thinking, helping to develop the skills to solve problems, design systems and understand the power and limits of human and machine intelligence.

Course Content

The course comprises 2 written examinations (40% each) and 1 programming project (20%).

The first unit is based around computer systems and covers a wide range of topics relating to Computer science and linked to ICT in the real world.

These are:

- Systems Architecture
- Memory
- Storage
- Wired and wireless networks
- Network topologies, protocols and layers
- System security
- System software
- Ethical, legal, cultural and environmental concerns

The second unit is based around computational thinking, algorithms and programming. This is the theoretical unit that links the knowledge required to complete the practical aspect of the course.

The content of this unit includes:

- Algorithms
- Programming techniques
- Producing robust programs
- Computational logic
- Translators and facilities of languages
- Data representation

The third unit of this course is the Non-Exam Assessment the Programming Project. This unit requires the students to complete a programming project independently and covers the key programming principles.

This includes:

- Programming techniques
- Analysis
- Design
- Development
- Testing and evaluation and conclusions

Career Possibilities

The concepts that are at the heart of this subject would be the best preparation for students who want to go on to study Computer Science at a higher level and will also provide a good grounding for other subject areas that require computational thinking and analytical skills.

GCSE Grade Profile

Students wishing to study Computer Science at this level must ideally have achieved a grade 5 in Computer Science at GCSE. In order to cope with the level of written work and mathematical skills, students would also need to achieve a minimum of a 5 in English and Mathematics. Students will be required to demonstrate their ability to program and complete a computation task.

```

from datetime import datetime
from calendar import calendar
import math
import pytz
import io, base64

class AdmissionExtensionOnlineController(http.Controller):

    @http.route('/get/type_wise_program', website=True, auth=
    def type_wise_program(self, **kwargs):
        if len(kwargs['types']) <= 0:
            return "None"

        types = kwargs['types']
        program_list = []
        domain = []

        if types == 'local_bachelor_program_hsc':
            domain = [('course_id.is_local_bachelor_program_
        elif types == 'local_bachelor_program_a_level':
            domain = [('course_id.is_local_bachelor_program_
        elif types == 'local_bachelor_program_diploma':
            domain = [('course_id.is_local_bachelor_program_
        elif types == 'local_masters_program_bachelor':
            domain = [('course_id.is_local_masters_program_b
        elif types == 'international_local_masters_program_b
        elif types == 'international_bachelor_program_b
        elif types == 'international_masters_bachelor_
            domain = [('course_id.is_internati
        domain.append(
        admis
  
```

A-Level Qualifications

> Design & Technology: Product Design

Course Description

This course provides an exciting opportunity to gain the skills and qualifications required for a career in design. The world we live in is surrounded by design in many different forms. It may be the products we use or the buildings we live in. It could be the cars we drive or the clothes we wear. A career in design has so many variations and possibilities to explore. We aim to teach you the practical skills and technical knowledge to help you recognise the areas of design that are most suited to you.

Students will develop a knowledge and understanding of a wide range of materials and processes used in the field of design and technology. It is important for students, as designers, to learn about materials and processes so that they can develop a greater understanding of how products can be designed and manufactured. Students will also learn about industrial and commercial practices, and the importance of quality checks and the health and safety issues that must be considered.

Furthermore, students are expected to demonstrate their knowledge and understanding in design and practical areas. This will be realised through a coursework unit where a substantial design and make exercise must be developed through a portfolio and final practical outcome.

Course Content

- **PAPER 1: Core Technical Principles**
(30% weighting, 2.5 hour written exam)

Students will develop their understanding and knowledge of materials and components, their properties and their applications regarding the life cycle of products, including manufacture, use and disposal. (This will be done through product analysis encompassing environmental sustainability, inclusive design and consumer safety.)

- **PAPER 2: Designing and Making Principles**
(20% weighting, 1.5 hour written exam)

This involves looking at the work of designers and at manufacturing systems, technological developments and marketing and an understanding of the technical, economic, aesthetic, social, environmental, moral and ethical that surround the design process.

- **NON EXAM ASSESSMENT: Practical Element**
(50% weighting)

Design and make unit (45 hours) where knowledge is applied to a brief. Students will produce a portfolio of research, design development and modelling, evaluation and a single practical outcome based upon the needs of a specific client.

Career Possibilities

An Advanced Level in Product Design would be good grounding in 3D design and materials/processes technology for anyone considering a for a degree in subjects such as 3D Design, Product Design, Automotive Design, Industrial Design, Architecture and Engineering. Alternatively you could choose to study for a Foundation Art course or It would also support students considering entry into employment in these and related areas.

GCSE Grade Profile

Students who study Design and Technology must have achieved five GCSE grades from 9 - 4 and preferably at least a grade 5 in Design and Technology.



A-Level Qualifications

> Drama & Theatre

Course Description

This exciting course offers students the opportunity to study and practically explore a wide range of Theatre history, varied play texts and acting styles. The course will include units focused on Greek Theatre as well as new and exciting contemporary plays. This course requires students to see a wide range of live theatre. They will be given many opportunities to perform to a live audience. The course provides opportunities to develop transferable skills ranging from research, text analysis, essay writing, performance skills, group work, directing, problem solving, leadership skills and organisation of information.

Course Content (Edexcel)

• COMPONENT 1: Devising

Coursework, 40% of the qualification, 80 marks

This component requires the students to work as part of a group to create an original devised performance. This piece of theatre must be created demonstrating the key elements of a given Theatre Practitioner such as; Bertolt Brecht, Constantine Stanislavski, Mike Leigh, Antonin Artaud.

• COMPONENT 2: Text In Performance

Coursework, 20% of the qualification, 60 marks

This component requires a group performance/design realisation of an extract from a published theatre script. In addition to this scripted performance students must also prepare a monologue or duologue performance/design from a different published theatre script. A visiting examiner assesses the performances.

• COMPONENT 3: Theatre Makers In Practice

Written examination: 2 hours and 30 minutes, 40% of the qualification, 80 marks

The Drama and Theatre written exam is split into 3 sections, A, B and C.

Section A – Live Theatre Evaluation

Students are required to write a Live Theatre Evaluation.

Section B – Page to Stage: Realising a Performance Text

Students are to answer two extended response questions based on an unseen extract from the performance text 'That Face' by Polly Stenham, that they have practically explored.

Section C – Interpreting a Performance Text

Students will answer one extended response question from a choice of two based on an unseen section from the studied performance text. The exploration of the text will be practical based, the text currently studied for this component is 'Lysistrata' a Greek Comedy by Aristophanes.

Career Possibilities

An advanced level course in Drama and Theatre is good preparation for anyone considering a degree in Drama, Theatre or Acting. It would also equip students with skills needed for qualifications and future careers in; Journalism, Public Relations, Marketing Management, Law, Social Work, Drama Therapy, Hospitality. It provides many transferable skills and academic rigour for Higher Education and the workplace.

GCSE Grade Profile

Students who study this subject will normally achieve 9-4 grades in a range of subjects, including a Grade 4 or above in English or Drama. It is not a necessity to have studied GCSE Drama.



A-Level Qualifications

> Economics

Course Description

This traditionally popular subject provides a wide ranging analysis of the modern British and international economy. Economics very much appeals to those students interested in current affairs and world political problems. In addition, those students interested in business and finance will find this course extremely useful. Both AS and A Level years look at micro and macroeconomics. The study of Economics in today's climate is very exciting and we make effective use of ICT facilities and resources. Discussion of current economic issues forms an important part of the course.

Course Content (OCR)

- Microeconomic theory
- Theoretical working of the free market
- Imperfections and market failures
- Macroeconomy functions on a domestic and global level
- Policy approaches
- Changes in macroeconomics over time

Assessment

- **PAPER 1: Microeconomics**
80 marks 2 hour written paper
- **PAPER 2: Macroeconomics**
80 marks 2 hour written paper
- **PAPER 3: Themes In Economics**
80 marks 2 hour written paper

Career Possibilities

A Level Economics is a highly respected qualification and is welcomed by universities and employers alike. Economics at university is very popular, both studied on its own, but also in combination with a large number of other subjects, including: History, Politics, Geography, Mathematics, Business and Accounting. Economics can lead to careers in the private sector in Business Management, Accounting, and Marketing. It can also lead to careers across the public sector, in Education, the NHS and in national and local government.

GCSE Grade Profile

Students must also achieve a minimum of a Grade 5 in GCSE Maths and at least a Grade 5 in GCSE English Language or Literature, due to the importance of vocabulary and clear written communication.



A-Level Qualifications

> English Language

Course Description

This is a fascinating and stimulating course that explores a number of issues relating to written and spoken English. Students will develop skills in both analytical and creative writing, as well as constructing arguments and evaluating complex linguistic ideas. Students will learn about sociolinguistics through the diversity of language in the UK and overseas, exploring the reasons, processes and implications behind the different ways people speak and write in English. They will also have the opportunity to read and write about a range of different texts, as well as developing their own skills of original writing for different audiences and purposes. There is a strong emphasis on lively discussion and group work with the aim to enhance students' confidence and ability to express opinions both in speech and writing.

Course Content (AQA)

- **PAPER 1: Language, the Individual and Society**
(2 hour and 30 minutes exam)

As in Paper 1 above, plus study of how language develops in young children including spoken, written and multimodal language use, covering a number of theories and issues surrounding this. The exam additionally requires a discursive essay on a given issue, based on a small data sample.

- **PAPER 2: Language Diversity and Change**
(2 hour and 30 minutes exam)

This unit involves studying how the English Language has changed over time and the global diversity within it. It includes evaluative analysis of these issues, with elements of creative writing and analysis of how texts use language to present ideas, attitudes and opinions.

- **COURSEWORK: Language in Action**

This is a coursework module that requires students to produce a 2000 word research project on an area of their choice and a 1500 piece of original writing with commentary. Candidates may choose a topic covered in the rest of the course or an original one of their own.

Career Possibilities

A qualification in this subject provides an excellent foundation for a wide variety of courses that study English Language or Linguistics at a higher level, and a sound basis for careers in journalism, speech therapy and teaching.

GCSE Grade Profile

Students who study this subject will normally achieve a Grade 6, but in exceptional circumstances a 5 will be considered with the permission of the Subject Leader of English.



A-Level Qualifications

> English Literature

Course Description

This is a challenging and thought-provoking course that gives students the opportunity to develop their interest in and enjoyment of literature across the centuries. Students will develop their skills of literary analysis, as well as their ability to write in a structured and coherent way, building compelling arguments to explore their own perspectives on the texts they have studied. Students will be encouraged to compare and reflect on texts from a range of forms and genres including poetry, prose and drama, and consider these in relation to critical theories such as Marxism, Feminism and Post-Colonialism. Independent thought, lively discussion and precise analytical writing are all crucial elements of this fascinating A-Level.

Course Content (AQA)

- **PAPER 1: Literary Genres (Aspects of Tragedy)**
(2 ½ hour exam)

You will study one Shakespeare play, another drama text and one additional text, focusing on authorship and aspects of tragedy. The exam is closed book, with one extract-based question, and one broader thematic question, and a comparison of two texts.

- **PAPER 2: Option B: Elements of Political and Social Protest Writing**
(3 hours)

This unit will involve the study of three texts concerned with oppression and domination in society, including one post-2000 text, one poetry collection and a pre-1900 text. The exam is open-book and comprises one unseen passage, one single text analysis and one comparison.

- **NON-EXAM ASSESSMENT: Theory and Independence**

This coursework module gives students the opportunity to explore their own literary interests by producing two independent essays on texts of their choice – one poetry and one prose. Each piece of writing will be 1200-1500 words in length, and will examine the chosen text in relation to a critical theory such as those mentioned above.

Career Possibilities

An Advanced Level in this subject provides an excellent foundation for a wide variety of university courses, including English Literature, Law, Psychology and Media Studies, and an even larger number of careers in areas such as academia, the media, marketing and teaching.

GCSE Grade Profile

Students who wish to study this subject will normally achieve a Grade 6, but in exceptional circumstances a 5 will be considered with the permission of the Subject Leader of English.



A-Level Qualifications

> French

Course Description

This is a stimulating and challenging course which aims to develop the student's love of the French language by using it to discuss aspects of modern day society and by analysing its grammar in greater depth than is possible at GCSE level. The skills assessed are the familiar ones of listening, speaking, reading and writing but lessons emphasise discussion and the development of students' views and opinions. In addition to classroom lessons, students also have access to the French Assistant.

Course Content (Edexcel)

Students study various aspects of society, culture and history in French-speaking countries. These are grouped into four main themes.

- Changes in French society
- Political and artistic culture in French-speaking countries
- Immigration and multicultural French society
- The Occupation and Resistance

In addition students will study a French film in year 12 and a literary text in year 13.

At the end of year 13 students will be assessed on all aspects of the course by means of the following exams.

• Unit 1: Listening, Reading and Translation (2 hour exam)

Students will be assessed in these skills across all of the four main themes studied over the two year course. They will also be tested on their ability to translate from French into English.

• Unit 2: Writing and Translation (2 hour 40 minute exam)

Students will be assessed on their ability to criticise and analyse the film and book they have studied, and also to translate into French.

• Unit 3: Speaking (20 minute exam)

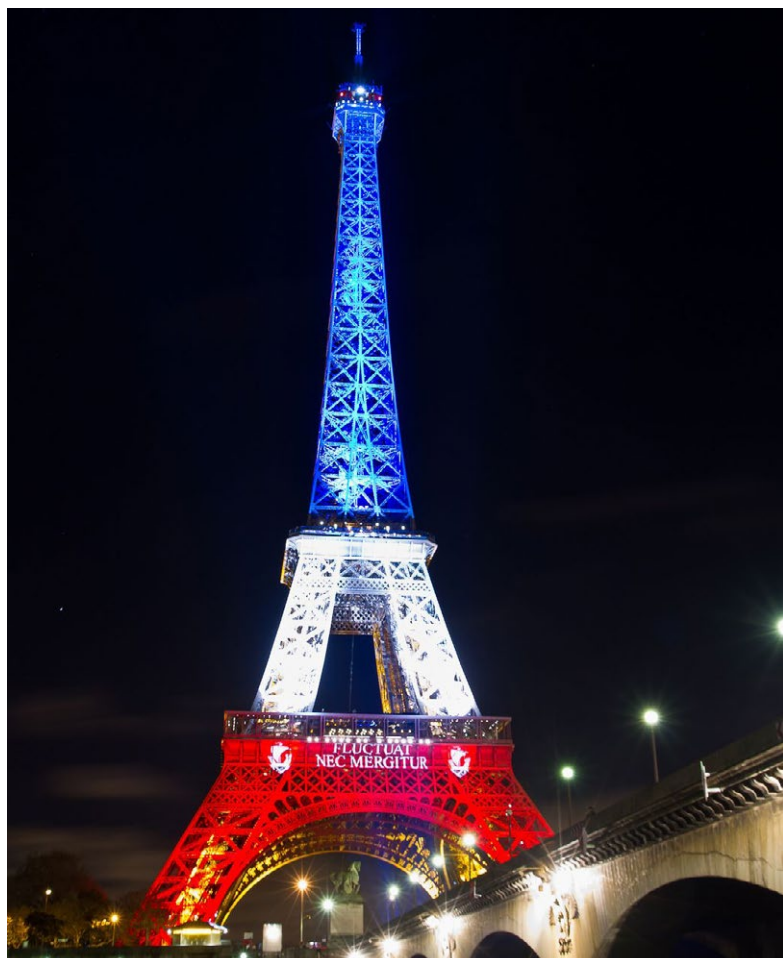
Students' speaking abilities are assessed through discussion of their individual research project and one of the themes from unit 1.

Career Possibilities

Foreign language skills are much sought after in the work place and an A Level in French is good preparation for any student entering employment in the 21st Century. At university French can be studied either in combination with another language or with almost any other subject and leads to careers in sales, marketing, business, journalism, engineering, the civil service – in fact, in just about anything!

GCSE Grade Profile

Students who study French must have achieved 5 GCSE grades from 9 to 5. In order to cope with the level of written accuracy required for A level study, students should have at least a grade 6 in French.



A-Level Qualifications

> Further Mathematics

Course Description

Further mathematics is a challenging and fascinating course which allows students to study the subject in much greater depth and arrive at a more profound understanding of the connectedness of different areas of mathematics.

Course Content

Further Core Pure Mathematics

The course introduces students to a new number system: the complex numbers, which contains not only the answer to “what number, z , has the property that $z^2 = -9$?”, but also poses many new and interesting questions in which geometrical skills can be applied to shed light on algebraic problems. Students will learn to use matrices both to solve simultaneous equations and to explore transformations of points and shapes on the plane, and they will learn much more about using vectors to describe objects than that encountered at GCSE level. The calculus which they encounter in their A Level mathematics course is extended and developed so that they are able to solve a much greater number of problems, including finding solutions to equations which involve rates of change. Students will learn to describe points in space using not only (x, y) coordinates but using polar coordinates, through doing so encountering a much wider array of interesting graphs and functions.

Decision Mathematics

Students learn about the mathematics which underpins computer science: algorithms, critical path analysis, graph theory and linear programming. All of these will be brand new topics not encountered at GCSE level.

Option

Depending on the group/teacher, students will study one of four possible courses which will either contain more pure mathematics, statistics, mechanics or decision mathematics.

Assessment

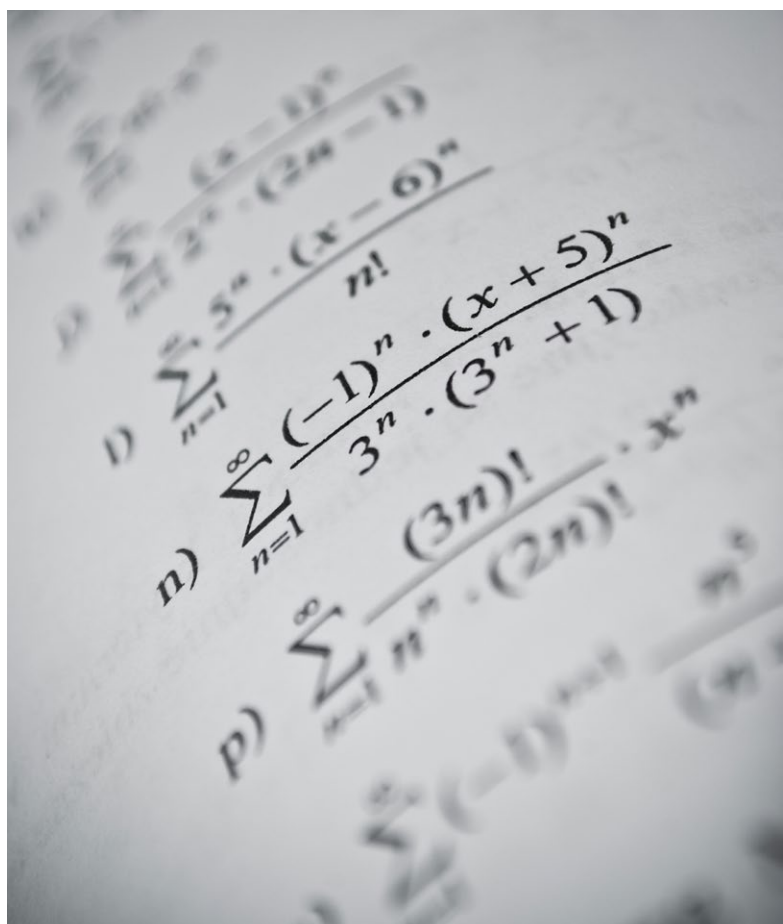
Students sit four 90 minute papers at the end of year 13: two in pure mathematics, one in decision mathematics, and one in their other optional paper.

Career Possibilities

Most students who choose Further Mathematics choose it because they enjoy mathematics. Those who want to study mathematics, physics or computer science at university will benefit greatly from successfully completing the A Level in Further Mathematics. The course challenges students to reason carefully and critically in ways which are beneficial to many other possible study and career paths, and as such a highly regarded qualification it can add weight to applications for all sorts of jobs or university courses.

GCSE Grade Profile

You need to enjoy mathematics! Due to the challenging nature of the course students should only consider it if they expect to achieve at least a grade 7, but ideally an 8 or 9.



A-Level Qualifications

> Geography

Course Description

This is a new course fit for the 21st Century and is a must for anyone who is interested in the present and future state of our planet and its inhabitants. Students will build on the knowledge; understanding and expertise gained at GCSE and will investigate the challenges of the natural world and today's modern society. The course has a balance between physical, human and environmental topics with fieldwork and research skills a key feature. Students will develop their decision-making and analytical skills both as an individual and in groups.

In addition to classroom lessons students will plan and undertake fieldwork locally and nationally and will have an opportunity to take part in a European visit.

Course Content (AQA)

- **Component 1: Physical geography**
(2 hours 30 exam)

Section A – Water and carbon cycles

Section B – either hot deserts or coastal systems

Section C – Hazards

- **Component 2: Human geography**
(2 hours 30 exam)

Section A – Global systems and global governance

Section B – Changing places

Section C – Resources security

- **Component 3:**

3,000 – 4,000 word individual investigation based on fieldwork data.

Career Possibilities

An Advanced Level in Geography provides a broad and balanced education and develops a wide range of skills. It can therefore lead onto Humanities or Science-based degree courses, as well as specialist courses in Geography and Environmental studies. The career paths of Geography students are as varied as the subject itself, Geographers are great decision-makers and problem solvers; and jobs include crime analysts, town and country planning, civil service, travel and tourism, business management, marketing, environmental agencies, development agencies and careers on the airlines. It is also one of the degree courses with the highest employment percentage after graduation.

GCSE Grade Profile

Students will study Geography must achieve five GCSE grades from 9 – 4, including Geography. In order to cope with the essay writing needed for the examination papers, students would normally be expected to have Grade 5 in English. They would also benefit from at least a Grade 5 in Mathematics due to the increased statistical content in the course.



A-Level Qualifications

> German

Course Description

This is a stimulating and challenging course which aims to develop the student's love of the German language by using it to discuss aspects of modern day society and by analysing its grammar in greater depth than is possible at GCSE level. The skills assessed are the familiar ones of listening, speaking, reading and writing but lessons emphasise discussion and the development of students' views and opinions. In addition to classroom lessons, students also have access to the German Assistant.

Course Content (Edexcel)

Students study various aspects of society, culture and history in German-speaking countries. These are grouped into four main themes.

- Aspects of German society
- Political and artistic culture in German-speaking countries
- Immigration and the multicultural German society
- The Reunification of Germany

In addition students will study a German film in year 12 and a literary text in year 13.

At the end of year 13 students will be assessed on all aspects of the course by means of the following exams.

• UNIT 1: Listening, Reading and Translation (2 hour exam)

Students will be assessed in these skills across all of the four main themes studied over the two year course. They will also be tested on their ability to translate from German into English.

• UNIT 2: Writing and Translation (2 hour 40 minute exam)

Students will be assessed on their ability to criticise and analyse the film and book they have studied, and also to translate into German.

• UNIT 3: Speaking (20 minute exam)

Students' speaking abilities are assessed through discussion of their individual research project and one of the themes from unit 1.

Career Possibilities

Foreign language skills are much sought after in the work place and an A Level in German is good preparation for any student entering employment in the 21st Century. At university German can be studied either in combination with another language or with almost any other subject and leads to careers in sales, marketing, business, journalism, engineering, the civil service – in fact, in just about anything!

GCSE Grade Profile

Students who study German must have achieved five GCSE grades from 9 to 5. In order to cope with the level of written accuracy required for A level study, students should have at least a grade 6 in German.



A-Level Qualifications

> History

Course Description

This is a fascinating and challenging course which offers students the opportunity to study British and World History in both depth and breadth. The course includes units focused on Early Modern British history, as well as 19th and 20th century American and worldwide studies. The course provides opportunities to develop academic skills ranging from research, document analysis, essay writing to questioning skills, critical thinking and organisation of information. The Personal Study unit allows students to demonstrate a greater degree of flair and independence with in-depth research and analysis of a particular historical topic.

Course Content (OCR)

• UNIT 1: Early-Mid Tudors, 1485-1558 (1 hour 30 minutes written exam)

How effectively did the Tudors establish and consolidate their monarchy?

This unit provides an overview of developments in England 1485-1558. It focuses on the growth of political stability under the Tudors from the unstable legacy of the Wars of the Roses and Richard III. The key developments of Henry VIII's reign will be studied before considering the turbulent and dramatic events of the reign of Henry VIII. Finally, we examine the so-called 'Mid-Tudor Crisis' during the reigns of the boy king Edward VI and the religiously-driven Mary.

• UNIT 2: The Cold War in Asia, 1945-1993 (1 hour written exam)

This unit will consider the policies of Western nations in Post-War Asia. Particular attention will be given to the Korean War – causes, events, impact on public opinion and outcomes. US actions in Vietnam and Cambodia and the South-East Asian region as a whole will also be studied in-depth. The course allows consideration of these events from a range of perspectives and questioning traditional interpretations, exploring histories beyond the Western world.

• UNIT 3: Civil Rights in America, 1865-1992 (1 hour 30 minutes written exam)

This thematic study focuses on the struggle of citizens in the United States to get equality before the law and within society. Students will learn about the factors that progressed and regressed the extent of civil rights during this period. The struggle for civil rights will concentrate on the triumphs and plights of four specific groups: African Americans, Trade Union and Labour rights, Native American Indians and women. It will broaden the traditional study of American Civil Rights, putting the famous events of the 1950s and 1960s into a wider, richer context.

• UNIT 4: Historical Enquiry/Personal Study

Students will submit a Historical Enquiry based on the investigation of a historical issue of their choice. They will normally choose to deepen their understanding of an area of particular interest from Units 1 or 2. This enables them to start their enquiries from existing knowledge and simultaneously build transferable expertise for one of the examined units.

Career Possibilities

An advanced level course in History is good preparation for anyone considering a degree in History, Politics, Law, Journalism and Social Studies. It provides transferable skills and academic rigour for Higher Education and the workplace.

GCSE Grade Profile

Students who study History must achieve five GCSE grades from 9 – 4 in a range of subjects, including a grade 5 in History and a grade 5 in English. Students who have not studied GCSE History but are interested in the A-level should talk to the Subject Leader. They will need a strong English grade to indicate their suitability for the course.



A-Level Qualifications

> Mathematics

Course Description

The A level mathematics course builds from GCSE level mathematics and introduces calculus and its applications. It emphasises how mathematical ideas are interconnected and how mathematics can be applied to model situations using algebra and other representations, to help make sense of data, to understand the physical world and to solve problems in a variety of contexts, including social sciences and business. All students will be assessed on their knowledge of Pure Mathematics, Mechanics and Statistics.

Course Content (Edexcel)

Pure Mathematics

Students will build on skills from GCSE including those involving surds, indices, quadratic equations, algebraic inequalities and graphical representations. They will learn to use differentiation and integration in various contexts, extend their knowledge of trigonometry, and work with sequences, functions and binomial expansions.

Statistics

There is a focus on exploring data as well as learning about probability distributions (normal, binomial and discrete distributions). The language of hypothesis testing is introduced to give students a fascinating insight into how statistics can help reach informed conclusions about questions such as whether a medicine is effective or a jury biased.

Mechanics

Mechanics looks at an elegantly simple mathematical model for physical situations: for example, how high does a cannon ball reach if it is fired at a certain angle at a given velocity? How much brake power must be applied to stop a runaway train? The course covers the equations of motion for systems involving constant acceleration as well as applying Newton's laws in basic situations.

Assessment

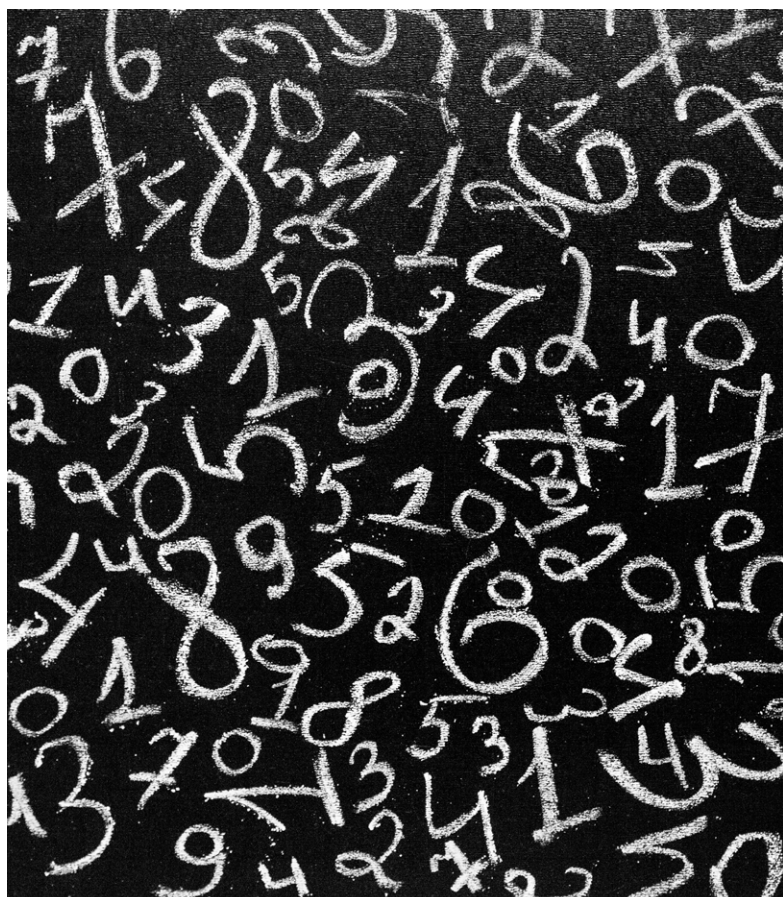
Students will sit two 2 hour papers in pure mathematics and one 2 hour paper covering the mechanics and statistics content. The specification followed and examining body is Pearson Edexcel.

Career Possibilities

An advanced level course in Mathematics is good preparation for anyone considering a degree in Mathematics, Engineering, Accountancy, Medicine and many more. Mathematics is also a challenging and stimulating subject to study in its own right, opening the door to many careers after completing Higher Education. It is a useful qualification for entry into career areas such as air traffic control, banking, insurance, science of all types and the armed forces.

GCSE Grade Profile

Students who study this subject will ideally achieve at least Grade 7 in their GCSE mathematics. Grade 6 students who complete a GCSE/A-Level transition package over the summer holidays may also be accepted onto the course.



A-Level Qualifications

> Media Studies

Course Description

Through studying Media Studies, students will view, evaluate and analyse a variety of media products, and develop practical skills spanning a range of media forms. You'll find contemporary, diverse topics and varied and engaging content, helping students to develop research, problem-solving skills as well as their creativity. They'll also refine their debating skills through the discussion of contemporary issues from a range of perspectives.

Course Content (Eduqas)

- **COMPONENT 1: Media Products, Industries and Audiences**

Written examination - 2 hours 15 minutes
(35% of qualification)

In this component, learners will develop knowledge and understanding of key aspects of the theoretical framework - media language and representation - as an essential basis for analysing media products from a variety of forms. In addition, learners will study products from specific media industries and for specific audiences to develop their knowledge and understanding of those areas of the theoretical framework. Learners will also explore how media products relate to their social, cultural, historical, political and economic contexts. In this component, learners will also develop their ability to use relevant subject-specific terminology and theories.

- **COMPONENT 2: Media Forms and Products in Depth**

Written examination - 2 hours 30 minutes
(35% of qualification)

In this component learners are required to study three media forms in depth, exploring all areas of the theoretical framework - media language, representation, media industries, and audiences - in relation to audio-visual, print and online products set by the exam board. The forms to be studied in depth are: television, magazines, blogs and websites. Learners will explore these three media forms through close analysis of the set products, comparing their use of media language and the representations they offer in relation to relevant social, cultural, economic, political and historical contexts.

- **COMPONENT 3: (NEA: coursework)**

Cross-Media Production

Non-exam assessment - internally assessed
(30% of qualification)

This component synthesises knowledge and understanding of the media theoretical framework gained throughout their course by requiring learners to apply their knowledge and understanding of the media synoptically to a practical production. The production must be based on two media forms and completed in response to a choice of briefs set by the exam board.

Career Possibilities

An A Level in Media Studies is not your passport to a job in this field of work. However, media employers do look encouragingly at a student who can demonstrate an understanding of how the media operates. The Media industry is one of the fastest growing sectors in the world and university courses reflect employer's demands for crucial skills in this discipline. Past Media students have enjoyed success across all aspects of the Media and related industries. Former students have commented upon the usefulness of the range of transferable skills that studying the Media has given them.

GCSE Grade Profile

Students who study Media Studies must achieve five GCSE grades from 9 - 4 in a range of subjects, including a grade 5 in English and a grade 5 in another essay writing subject.



A-Level Qualifications

> Music

Course Description

This is a really challenging course but also an enormously rewarding one. The course provides students with the opportunity to really understand how music works both by making it and by analysing it. Students learn how Music in its many forms has evolved, and who the great movers and shakers are. This is a course for those who enjoy both the creative freedom of composition, and the commitment and dedication needed for performance. It is also course for those who enjoy the intellectual rigour of research and analysis and want the opportunity to develop their skills in the fields of academic research, analysis, essay writing, and critical thinking. The course encompasses a vast range of musical styles and traditions, covering everything from Western Art Music, 1600 - present day, contemporary Celtic folk, popular music, to Cuban Son and Indonesian gamelan.

Course Content (Edexcel)

• UNIT 1: Performing

30% 60 marks (marked externally)

In this unit students are free to play or sing in any style that they like, but will be advised on repertoire choices, and individually coached in technical control, expressive control and interpretation over the 2 years of the course.

Performance work must last for a minimum of 8 minutes and the final recording is a public performance presented as a recital. The 8 minutes can be any combination of playing or singing solo and/or in an ensemble.

• UNIT 2: Composing

30% 60 marks split 40/20 (marked externally)

In this unit students write 1 original composition (min 4 minutes) either free or from a choice of briefs provided by the exam board in September of the year of examination. Composition techniques and processes are taught in the first year before coursework begins in year 13. In year 13 individual composition coaching is tailor-made to suite the route each student has chosen to take.

This unit also includes a techniques paper (min 1 minute) where students demonstrate their understanding of the compositional processes found in 4 part voice setting by harmonising a Bach chorale. This "4 part" work impacts directly on the skeleton score and aural questions found in unit 3. It also informs students when evaluating the provenance of works found in the essay writing of unit 3, and is the cornerstone of composition, part writing, and orchestration. It is a highly prized skill that the best universities and conservatoires value enormously.

The combined duration of the pieces must be at least 6 minutes.

• UNIT 3: Appraising

40% 100 marks 2hr written exam (marked externally)

In this unit students study 6 categories: Vocal music, Instrumental music, Film music, Popular music and Jazz, fusions of Western Art Music and World music, the Avant-garde and Experimental music. It is a vast canon of music that we can only scratch the surface of, but it is an invaluable way of opening doors to unfamiliar musical worlds. For depth as well as breadth, students also study 3 set pieces in each category in a lot more detail. Some of the greatest and best known ground breaking works are here like Stravinsky "Rite of Spring", and Kate Bush "Hounds of Love" but the set works also explore roads less travelled with works like Saariaho's "Petals" and Cage's "Pieces for prepared piano". Students study works in terms of the key musical figures that influenced each composer, and in turn each composer's own legacy. Students explore both provenance and context alongside in-depth musical analysis. It is a fascinating and intellectually challenging process.

The exam consists of 3 skeleton score questions related to the set works, melodic and rhythmic exercises, an essay question on an unknown work, and an essay question on a set work.

Career Possibilities

An advanced level course in Music is good preparation for anyone considering a degree in the subject, but it also provides the academic rigour needed for Higher Education in any field. A number of Huntington musicians have gone on to study conducting, performing, composing, musicology, and sound production, but equally others have gone on to study subjects such as languages, politics, mathematics, engineering, and medicine. Music A level is recognised as a highly valued academic qualification by the very best universities in the UK.

GCSE Grade Profile

Students who study this subject will normally achieve 9-4 grades in a range of subjects, including GCSE grade 5 in Music alongside a recommended equivalent of Music grade V, on either a voice or instrument.

A-Level Qualifications

> Music Technology

Course Description

This is a course for anyone who has an interest in how music and sound is recorded, manipulated and produced. This course will enable students to develop specific skills creating original music in a studio based environment alongside capturing and processing live and synthesised instruments. This is underpinned by developing a theoretical understanding of sound, audio production and recording technology to be demonstrated through analysis, critical thinking and organisation of information. Students will also develop transferable skills in managing projects and people, analysing and critically assessing work, working to a brief and developing creativity and imagination.

Course Content (Edexcel)

• UNIT 1: Recording (Coursework, 20% of the qualification)

Students will learn how to make high quality recordings using the studio facilities at Huntington. They will be taught how to capture, edit, process and mix an audio recording on industry standard software. The chosen track will be from a list of 10 artists provided by the exam board. The student will take on the role of 'producer' and as such there is no requirement to perform any of the parts (suitable musicians will be identified); however, there are ample opportunities to perform for those that wish to.

• UNIT 2: Technology-based composition (Coursework, 20% of the qualification)

Students will be taught the principles of crafting high quality musical compositions using technology. Through creating, editing, manipulating and organising sound, students will respond to one of the briefs set each year by the exam board. Students will learn how to work creatively with synthesisers, sampled audio and effects units.

• UNIT 3: Listening and analysing (1 hour 30 minutes written exam)

Students will explore the history and development of recording and production technology as well as contemporary recording and production techniques. They will explore and compare how music technology is used for both corrective and creative purposes and will demonstrate this knowledge in the context of a set of unfamiliar commercial recordings. Students will each receive an individual CD which they will control during the examination.

• UNIT 4: Producing and analysing (2 hours 15 minutes written and practical exam)

Students will be examined on their knowledge and understanding of editing, mixing and production techniques. Each student will be provided with a set of unfamiliar audio and MIDI materials which they will correct and combine to form a completed mix. Students will answer questions related to the practical tasks and provide written commentaries on music technology theory. Students' capacity to apply familiar knowledge, both theoretical and practical, to unfamiliar scenarios develops invaluable transferable skills such as problem solving and creative thinking.

Career Possibilities

An advanced level course in Music Technology is good preparation for anyone considering a career in the music or film & TV industries. It is a solid step for anyone considering a degree in music production or a music business related course, although the transferable skills learnt on the course are applicable to any course or profession where project management, working to deadlines, liaising with clients and creativity with technology are required. A growing number of Huntington students go onto study music production degrees, resulting in careers in live sound, studio engineering and event management.

GCSE Grade Profile

Students who study Music Technology must achieve five GCSE grades from 9 - 4 in a range of subjects. No prior knowledge of Music Technology is necessary. A GCSE in Music is desirable but not essential.



A-Level Qualifications

> Photography

Course Description

This course is taught at Joseph Rowntree School and is offered as an AS level and an A-level.

Course Content (Edexcel)

• AS COMPONENT 1 Portfolio (50%)

This course will have an emphasis on digital image making. It is designed to develop your ability to use photographic images as a means of communication. You will be given a title to explore; using photography to investigate the theme and then develop your own specific area of interest. You will take, edit or manipulate images that express an idea or point of view. You will keep a folder of work that records how your ideas developed and present a set of final images that bring the project to a conclusion. The work is very practical and very personal.

After an initial period of learning about the theory and technology of photography, a starting point is set, for example 'Decay'. Students choose an aspect of that title and take a series of investigative photographs. We will learn from other relevant photographers and experiment with digital manipulations. This information is organised and presented and used to develop proposals for final work. The best ideas are taken forward to finished pieces.

• AS COMPONENT 2 Externally set assignment (50%)

The work in this Component follows a similar pattern except the starting point is set by the board. The Component is kick started by set activities that lead to more independent work. This component incorporates two major elements: preparatory studies and a 10 hour period of sustained focus.

• A LEVEL COMPONENT 1 Personal investigation (60%)

This Component begins in the summer term Y12 with a chance to learn more about how to use your camera. There will also be work on how to express your opinion about Photography. In September of Y13 a very broad starting point is set, which students will explore and use to generate project proposals. These personal projects will be supported through individual tutorial and practical guidance. This Component also requires students to write a 1000-3000 word study on a subject related to their practical work.

• A LEVEL COMPONENT 2 Externally set assignment (40%)

The work in this Component follows a similar pattern except the starting point is set by the board. The Component is kick started by set activities that lead to more independent work. This component incorporates two major elements: preparatory studies and a 15 hour period of sustained focus.

Assessment

Each Component is assessed by end of course exhibition. Students display the work for each Component separately at the end of the year. The work is initially assessed by your teachers. This assessment is checked by a moderator appointed by the exam board.

Career Possibilities

We are increasingly surrounded by photographic images. It is the dominant means of communication in magazines, newspapers, web-sights, adverts, film and television yet it is hardly studied at school. An understanding of this omnipresent media will become an essential survival tool in the 21st century as our communication becomes ever more screen based. There are many career opportunities for the photo-imaging industry.

GCSE Grade Profile

It is essential that you have access to a digital camera outside of school. You will need to be computer literate. It is an advantage, but not essential to have studied GCSE Art and Design. Successful candidates are those who are enterprising and able to organise what they need for photo-shoots.



A-Level Qualifications

> Physical Education

Course Description

An A Level in Physical Education provides an excellent basis for study for jobs in education, leisure, physiotherapy, occupational therapy and social services. Through this course, you will have the opportunity to experience and further develop your interest in your current role as a high performing sports performer or coach. You will enhance your knowledge and understanding of the modern day sporting arena and current developments in sports, such as the impact of new sports technology, sport specific rehabilitation and the use of ergogenic aids.

Course Content

- **Factors affecting Participation in Physical Activity & Sport**
(2 hour written paper worth 35%)

This section covers applied anatomy & physiology, skill acquisition and sport and society.

e.g. Cardiovascular, Respiratory and Neuromuscular system, Principles and theories of learning performance, Pre and post industrialisation sport.

- **Factors Affecting Optimal Performance in Physical Activity & Sport**
(2 hour written paper worth 35%)

This section covers exercise physiology & biomechanics, sports psychology and technology in sport.

e.g. Diet and nutrition, Aspects of personality, attitudes, arousal, and ethics, violence and drugs in sport.

- **Practical Performance in Physical Activity & Sport**
(Internal Assessment worth 30% - externally moderated)

Students are assessed practically as a performer or coach in one activity (15%) and complete a written analysis of their performance as well (15%).

Career Possibilities

This A Level may give you access to courses and careers in Physiotherapy, Psychology, Sociology, Sports Management, Sports Science, Sports Coaching and Teaching.

GCSE Grade Profile

Students who study PE must achieve five GCSE grades from 9 – 4 in a range of subjects, including a grade 5 in English and a grade 5 in Science. It is not essential to have taken GCSE Physical Education but it would be hugely beneficial if you have undertaken the course. A good pass (grade 5) in the GCSE P.E. examination is beneficial. It must be stressed that you need to be competing or coaching at club standard in a sport outside of school already, due to the practical coursework expectations of this course.



A-Level Qualifications

> Physics

Course Description

Studying Physics means learning about the fundamental laws of nature that determine how everything in the entire universe works. From supermassive black holes, to subatomic virtual particles that pop in and out of existence, to a sleepy sloth hanging off a vine in the jungle – absolutely everything is made of matter, stores and transfers energy and interacts through forces.

If you have an enquiring mind, and enjoy asking why things happen – at the deepest level – then Physics will help you find the answers. Physics forms the basis of all modern technology and holds the future to global wellbeing.

Course Content

- Mechanics (motion, forces, energy and power)
- Materials (fluids, viscosity and material properties) Waves and the nature of light (incl. quantum physics)
- Circuits and electrical conductivity
- Nuclear physics (radioactive decay, fission and fusion)
- Thermal physics (radiative power, thermodynamics)
- Electric and magnetic fields
- Particle physics (particle detectors and accelerators)
- Circular motion, gravity and orbits
- Astrophysics and cosmology

Assessment

Three written exam papers, all taken at the end of the 2-year course.

Papers 1&2 will last 1hr 45mins and each only assesses half of the course content.

Paper 3 will last 2hr30mins, will contain questions drawn from the entire course, and will have a particular focus on practical and experimental techniques.

You will engage in hands-on practical work and investigative/ experimental projects throughout the 2 year course. The exams assess your understanding of the practical and experimental techniques taught. Your ability to actually carry out experiments is assessed in a separate qualification called the Practical Endorsement. This is assessed by your teacher based on your performance during practical tasks throughout the course over the two years. The practical endorsement is reported on your final A-level certificate alongside your A-level grade, as either "Pass" or "Not reported".

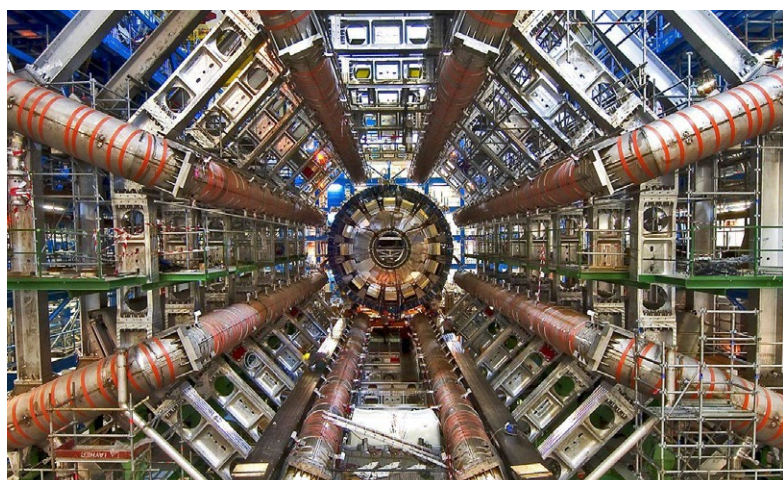
Career Possibilities

A-level Physics is highly valued by employers and Higher Education providers as it demonstrates an ability to understand, analyse and manipulate complex quantitative information and numerical data. The skills and knowledge acquired during A-level Physics is immediately applicable to further study or employment in:

- Scientific research and technical work
- Medicine and healthcare (A-level Physics can be highly beneficial for medical applications)
- Engineering (mechanical, structural, electronic, communications, acoustic ... all forms of engineering!)
- Established and emerging technologies
- Computing, ICT and web-based enterprise
- Computer programming and design
- Design, construction and architecture
- Geology, climate science, meteorology
- Finance, accountancy, logistics, economics and business
- The energy industry
- Journalism, broadcasting, media, education
- Law (especially technical law)

GCSE Grade Profile

Students who study this subject will have achieved a minimum of a Grade 6-6 in GCSE Combined Science OR a 6 in GCSE Physics. Students must also achieve a minimum of a Grade 5 in GCSE Maths, due the high mathematical demand of this subject.



A-Level Qualifications

> Politics

Course Description

This new qualification will help students to develop knowledge and understanding of the role politics plays in relation to current local, national, and global issues, as well as studying key thinkers and political ideas. The course reflects the demands of a truly modern and evolving political environment in the UK and around the world. Students will study UK politics and government to give them a core knowledge and understanding of the subject. Students will then develop this knowledge and understanding by studying four political ideas. They will also study the government and politics of the USA.

Course Content

• COMPONENT 1: UK Politics

Political Participation

- The development of democracy and participation in UK
- The role and scope development of UK political parties
- The operation of the various electoral systems used across the UK
- The way in which groups and individuals are influenced to vote

Core Political Ideas

This section allows students to explore the three traditional political ideas of Conservatism, Liberalism and Socialism.

• COMPONENT 2: UK Government

UK Government

- The nature, sources and reform of the British constitution
- The structure, role and powers of parliament
- The power of the Prime Minister and executive
- The relationships between the three branches of government

Optional Political Idea

This section allows students to explore the core ideas, principles, effects, divisions and key thinkers of the political idea of Anarchism.

• COMPONENT 3: Comparative Politics

USA

- The US Constitution and the arguments surrounding this guiding document of US democracy.
- The power of the key institutions of government in the USA
- The extent to which 'liberty and justice has been achieved for all
- The nature of democracy in the USA

Assessment

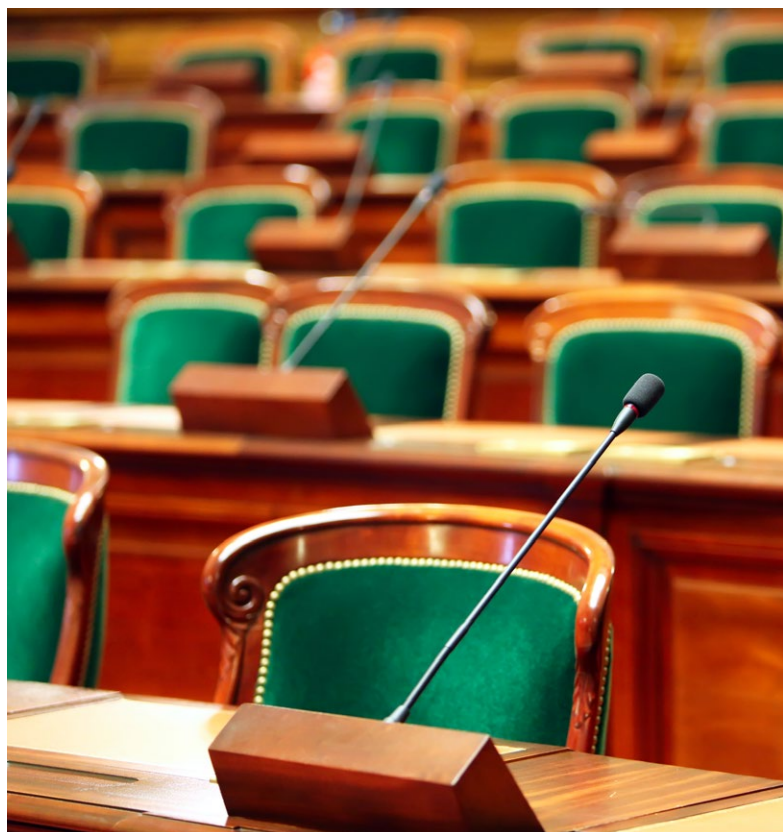
Each component is assessed with one two hour examination worth 33% of the qualification.

Career Possibilities

Many students who have taken the A Level in Government and Politics go on to study Politics at university. From there you might become a researcher, join local or national government or even start on the path to become a future Prime Minister! But there are other job options too. If you fancy a career in journalism or the media, this course is very useful. Students also go on to become teachers or work in the legal profession.

GCSE Grade Profile

Students who study Politics must achieve 5 GCSE grades from 9 – 4 in a range of subjects, including a grade 5 in English and a grade 5 in another Humanities subject.



A-Level Qualifications

> Psychology

Course Description

Psychology is a science studying the mind and behaviour. It focuses on investigating key areas of human behaviour, including childcare issues, the nature of memory and mental illness. As well as engaging with a wide range of contemporary issues, you will also have the opportunity to develop your research, analysis and evaluation skills.

Course Content

A-LEVEL UNITS

- **PAPER 1: Introductory Topic in Psychology**
(2 hour written exam)

Students will develop their knowledge and understanding of theories and studies in relation to Social Influence, Memory, Attachment and Psychopathology.

- **PAPER 2: Psychology in Context**
(2 hour written exam)

Students will develop their knowledge and understanding of theories and studies in relation to Approaches in Psychology, Biopsychology and Research Methods.

- **PAPER 3: Issues and Options in Psychology**
(2 hour written exam)

Students will develop their knowledge and understanding of theories and studies in relation to the Issues and Debates that exist in Psychology, as well as the topics of Gender, Schizophrenia and Forensic Psychology.

All three of these papers will include a combination of multiple-choice, short answer and extended writing questions.

Career Possibilities

A Level Psychology contains a large number of transferable skills, which makes it a popular choice for both university entrance and employment. Psychology graduates are highly valued for their skills in literacy, numeracy, evaluation and research in a broad selection of careers. All university courses and a wide range of careers will appreciate the skills that studying Psychology develop in a student.

GCSE Grade Profile

Students who study Psychology must achieve 5 GCSE grades from 9 - 4 in a range of subjects, including a grade 5 in English and a grade 5 in another essay writing subject. Mathematics and Science at a GCSE grade 4 is also necessary.



A-Level Qualifications

> Religious Studies

Course Description

By embarking on this course students are beginning a very challenging and academically rigorous investigation into some of humanity's ultimate concerns and questions. Students embrace a number of desirable skills which can then be used in a variety of life situations, such as deep reflective questioning, document analysis, debate and discussion, essay writing and group work.

Course Content

• Philosophy of Religion (01)

Learners will study:

- Ancient philosophical influences
- The nature of the soul, mind and body
- Arguments about the existence or non-existence of God
- The nature and impact of religious experience
- The challenge for religious belief of the problem of evil
- Ideas about the nature of God
- Issues arising in religious language

• Religion and Ethics (02)

Learners will study:

- Normative ethical theories
- The application of ethical theory to two contemporary issues of importance
- Ethical language and thought
- Debates surrounding the significant idea of conscience
- Sexual ethics and the influence on ethical thought of developments in religious beliefs

• Developments in Religious Thought (03)

Learners will study:

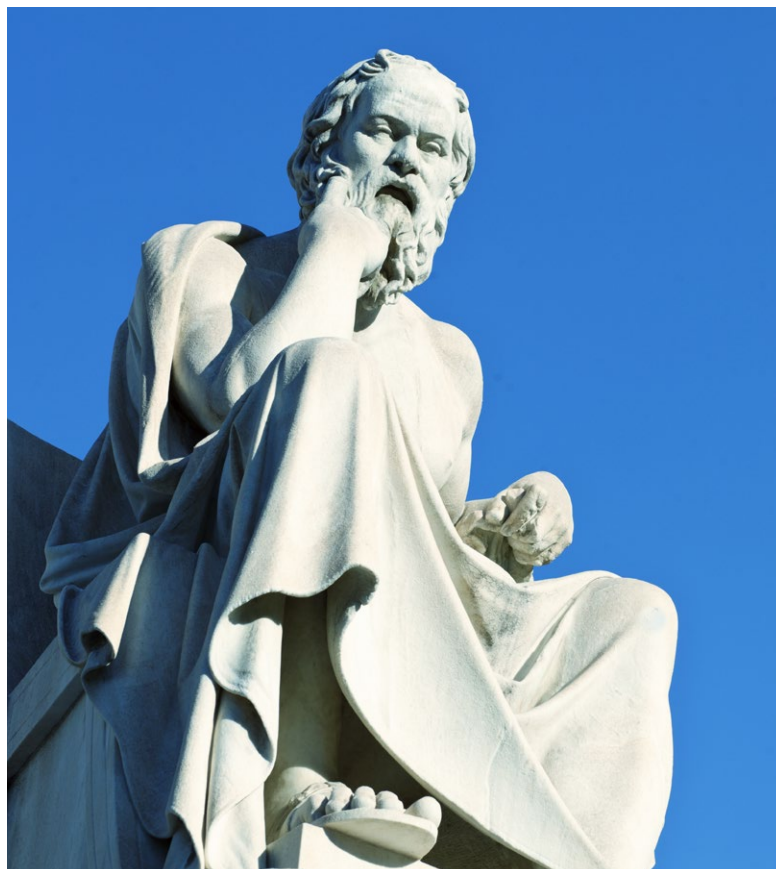
- Religious beliefs, values and teachings, their interconnections and how they vary historically and in the contemporary world
- Sources of religious wisdom and authority
- Practices which shape and express religious identity, and how these vary within a tradition
- Significant social and historical developments in theology and religious thought
- Key themes related to the relationship between religion and society

Career Possibilities

This course is an opportunity to look at a number of fundamental questions at the heart of human existence. Students who wish to go into spheres as diverse as medicine, the armed forces and law will find the ethical side of the course of immense benefit and application in the future. Jobs which include working with people, whether they are in social studies, politics or any form of care work will gain from the study of philosophy. The skills of evaluation, deep contemplation and reflection will better equip all learners for any university course and indeed for life in general.

GCSE Grade Profile

Students who study Religious Studies must achieve five GCSE grades from 9 – 5 in a range of subjects, including a grade 5 in English and a grade 5 in another Humanities subject (preferably Religious Studies).



A-Level Qualifications

> Sociolinguistics: English Language

Course Description

The English language is not as straightforward as it appears. The language we speak in York is different from the language used in London. Teenagers use different slang from their parents, or younger siblings. Differences in gender, sexuality, ethnicity, social class and occupation all influence the language we use in different ways. This Sociolinguistics course delves into these fascinating issues, exploring how English actually works as a language used by diverse groups of people, for a wide range of purposes, all over the world. We cover how children first acquire and develop language, how the language has changed over time, and how it might continue to change in the future.

Course Content (AQA)

- **Paper 1: Language, the Individual and Society** (2 hour and 30 minutes exam)

- Analysis and comparison of language used in two different texts, to create meanings and representations
- Evaluative essay on Child Language Acquisition, based on a small data sample

- **Paper 2: Language Diversity and Change** (2 hour and 30 minutes exam)

- Evaluative essay on language diversity within the UK, across the globe and across time
- Comparison between texts offering different opinions on language diversity and change
- Creative writing task presenting your own opinions on the same topic

- **Coursework: Language in Action**

Investigation: 2000 word independent research project on an area of your choice, either from the topics studied or your own ideas.

Original Writing: A 750 word original piece of creative writing with the purpose of entertainment, information or persuasion, plus 750 word commentary analysing your work.

Career Possibilities

The course equips students with transferable skills in textual analysis and comparison, evaluative essay writing, data analysis, critical thinking, independent research, and creative writing. These are crucial skills in a wide range of exciting careers including marketing, PR, copywriting, journalism, speech therapy and teaching.

GCSE Grade Profile

Students who study this subject will normally achieve a Grade 6, but in exceptional circumstances a 5 will be considered with the permission of the Subject Leader of English.



A-Level Qualifications

> Sociology

Course Description

This fascinating and enjoyable course leads to a greater awareness of the relationship between society and the individual. Studying Sociology develops your understanding of the society we live in and how this is explained through a range of different perspectives. You will always be able to relate your own life experiences and current news events to the lesson content. This course fits in well with lots of other A Level subjects, especially those that deal with people and their ideas.

Course Content

A-Level Units

This is a two year course

• UNIT 3.1: Education with Theory and Methods

- Education
- Methods in Context
- Theory and Methods

• UNIT 3.2: Topics in Sociology

- Families and Households
- Beliefs in society

• UNIT 3.3: Crime and Deviance with Theory and Methods

- Crime and Deviance
- Sociological Theory and Methods

Assessment

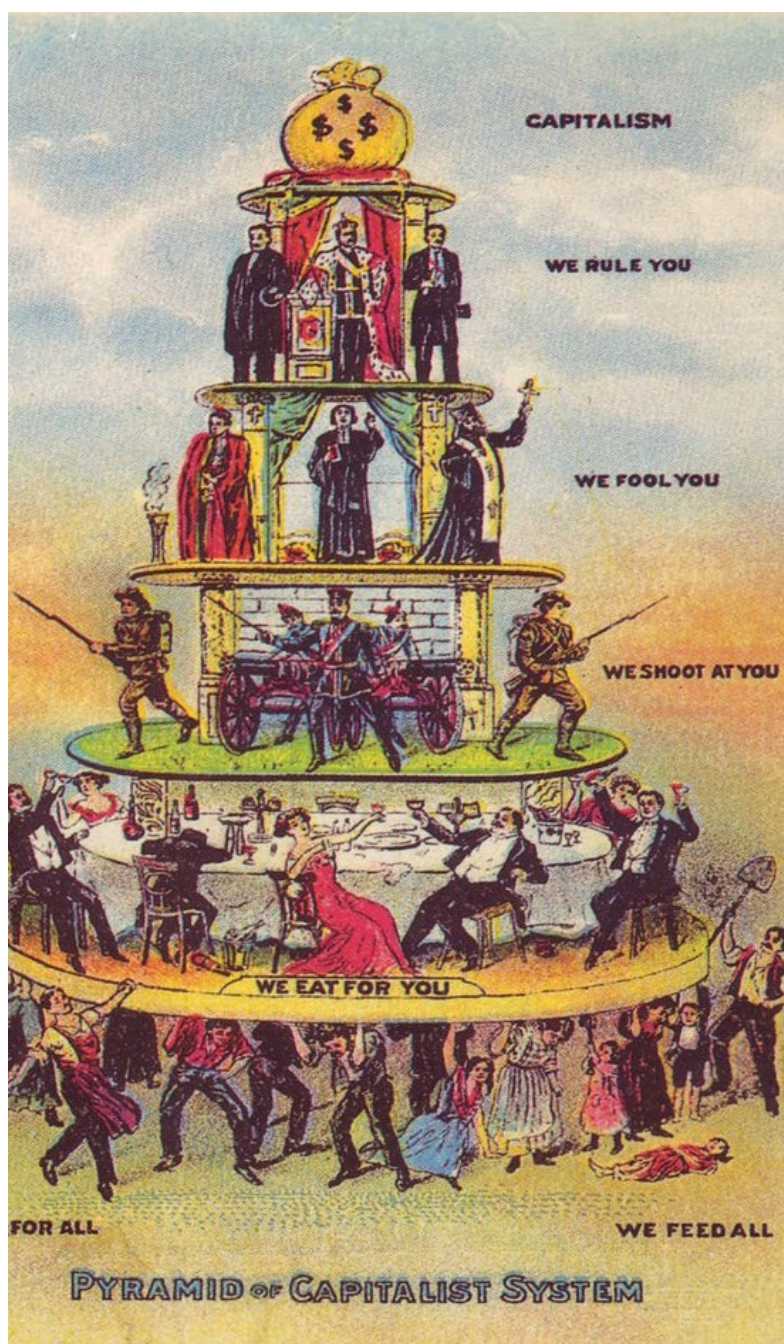
- Each unit will have a 2 hour written exam (80 marks)
- Each unit represents 33.3% of A-level
- A range of short answers and 20 and 30 mark essays

Career Possibilities

Sociology is an academic subject that requires you to develop a variety of transferable skills and leads to a wide range of careers which deal intensively with people. These may include; police, social work, nursing, teaching and some areas of the law, or leads to careers making, carrying out or advising on social policy (especially in local authorities or the national Civil Service). Sociology is also an excellent subject to support entry to a wide range of Higher education and university courses.

GCSE Grade Profile

Students who study Sociology must achieve 5 GCSE grades from 9 – 4 in a range of subjects, including a grade 5 in English and a grade 5 in another essay writing subject.



A-Level Qualifications

> Spanish

Course Description

This is a stimulating and challenging course which aims to develop the student's love of the Spanish language by using it to discuss aspects of modern day society and by analysing its grammar in greater depth than is possible at GCSE level. The skills assessed are the familiar ones of listening, speaking, reading and writing but lessons emphasise discussion and the development of students' views and opinions. In addition to classroom lessons, students also have access to the Spanish Assistant.

Course Content (AQA)

Students study various aspects of society, culture and history in Spanish-speaking countries. These are grouped into four main themes.

- Changes in Spanish society
- Political and artistic culture in Spanish-speaking countries
- Immigration and multicultural Spanish society
- The Franco dictatorship and transition to democracy

In addition students will study a Spanish film in year 12 and a literary text in year 13.

At the end of year 13 students will be assessed on all aspects of the course by means of the following exams.

• UNIT 1: Listening and Reading (2 hour 30 minutes exam)

Students will be assessed in these skills across all of the four main themes studied over the two year course. They will also be tested on their ability to translate from Spanish into English.

• UNIT 2: Writing (2 hour exam)

Students will be assessed on their ability to criticise and analyse the film and book they have studied, and also to translate into Spanish.

• UNIT 3: Speaking (20 minute exam)

Students' speaking abilities are assessed through discussion of one of the main themes and also their individual research project.

Career Possibilities

Foreign language skills are much sought after in the work place and an A Level in Spanish is good preparation for any student entering employment in the 21st Century. At university Spanish can be studied either in combination with another language or with almost any other subject and leads to careers in sales, marketing, business, journalism, engineering, the civil service – in fact, in just about anything!

GCSE Grade Profile

Students studying Spanish at this level should normally have 9 to 5 grades in a range of subjects at GCSE level. In order to cope with the level of written accuracy required for A level study, students should have at least a grade 6 in Spanish.



Level 3 Certificates and Diplomas

> Applied Business

Course Description

This action packed course takes into the world of business. Previous visits include Coca Cola, The Hilton Hotel, Black Sheep Brewery, Portakabin, Cadbury World, Theakstons Brewery, Sainsbury's, various banks and estate agents. Through personal investigation and study you will develop your investigation and management skills in a practical and realistic way. There are numerous opportunities for group work and through being in contact with local employers and businesses, students benefit from sharing information and ideas. A number of institutions and organisations have helped develop and formally support including: Leeds Beckett University, Birmingham City University, University of Huddersfield, The Institute of Enterprise and Entrepreneurs (IOEE) and Young Enterprise.

Course Content

- **Financial planning and analysis**
Exam – 1 hour 30 minutes
- **Business dynamics**
Coursework
- **Entrepreneurial opportunities**
Assignment
- **Managing and leading people**
Exam - 1 hour 30 minutes
- **Developing a business proposal**
Coursework
- **Managing an event**
Coursework

Career Possibilities

A Level 3 Extended Certificate in Applied Business is good preparation for students considering both Higher Education and entry into work. Employers rate highly the practical skills, knowledge and experience developed by students and many previous students have gone directly into careers with large local employers and into trainee management positions with national companies. It is an excellent foundation for a wide range of management courses at university, allowing students to specialise in areas such as Marketing, Accountancy, Management Studies or to continue with a more general degree or HND in Business Studies.

GCSE Grade Profile

Students who study this subject must achieve 9-4 grades in more than five subjects at GCSE level (this must include English). It is not necessary to have studied GCSE Business Studies.



Level 3 Certificates and Diplomas

> Applied Science

Course Description

It will contain a broad balance of biology, chemistry and physics, with a wide range of practical activities. Over the two year course there is equal weighting for the portfolio and examination units. The overall outcome is graded as pass, merit, distinction or distinction* and UCAS points are awarded for each level. It is equivalent to studying one A level.

Course Content

The portfolio element enables candidates to work more methodically and independently. They research scientific principles, then demonstrate their understanding by applying this to industrial processes and relate it to their own investigation. They become very competent at planning and analysing their own investigations.

Learners will cover topics such as:

- **UNIT 1: Key Concept in Science**
Written exam (Year 12)

Scientific principles associated with Biology, Chemistry and Physics. Best bits of study: impacts on BMR, diabetes, forensic tests (quantitative tests), energy losses from different materials, understanding energy transfers, generating electricity.

- **UNIT 2: Applied Experimental Techniques**
Portfolio (Year 12)

Experimental and practical techniques associated with applied science. Best bits of study: respiration rate of worms at different temperatures, titrations to find unknown values, resistivity values used to find the most appropriate material.

- **UNIT 3: Science in the Modern World**
Written exam (Year 12)

The roles and skills of scientists, and the public and media perception of science. Best bits of study: We are given some pre-release material before the exam to investigate in detail. This is a brilliant opportunity to study in depth a current scientific area of interest. Recent topics have been heart disease in women, consequences of Chernobyl and radioactivity, micro plastics and their impact on the environment.

- **UNIT 4: The Human Body**
Written exam (Year 13)

How the human body works. Best bits of study: altitude training, causes and treatments for depression, Alzheimer's, Parkinson's, and fast and slow twitch muscles linked to different sports.

- **UNIT 5: Investigating Science**
Portfolio (Year 13)

Scientific investigations, with a focus on microbiology techniques. We investigate natural alternatives to antibiotics due to the rise of resistance in bacteria. This involves finding appropriate extraction techniques, from researched possibilities, then testing their effectiveness on a range of bacterial types. There is a lot of freedom in this unit to investigate ideas that interest you and to be independent.

- **UNIT 6C: Organic Chemistry**
Portfolio (Year 13)

Organic Chemistry investigation. We research the basics of organic chemistry, then build up into how this interacts with living organisms and the complex ways that slight changes can have massive impacts in molecules such as medicines. We also complete two practicals, developing competent handling of equipment and application of health and safety issues. The results are evaluated in depth, while comparing to industrial methods to see how classroom scale differs from outside in the world. This topic has clear links to how science is actually applied.

Career Possibilities

This qualification is supported by a range of universities, and taken alongside other qualifications, it can fulfil the entry requirements for a number of science-related higher education courses: biomedical sciences, forensics, sports science, science teacher qualification, nursing and midwifery. In addition, the qualification is eligible for UCAS points.

GCSE Grade Profile

Students who study Applied Science must have achieved 4-4 minimum in GCSE Combined Science (Trilogy) or a 4 minimum in GCSE Biology, Chemistry and Physics and will normally achieve a 4 minimum in Mathematics and English.



Level 3 Certificates and Diplomas

> Criminology

Course Description

Criminology is an exciting course with elements of Psychology, Sociology and Law. Throughout this course you will explore the reasons why people commit crimes and consider the psychological and sociological theories of crime. You will examine how crime is perceived in society including the impact of the media and crime statistics. By understanding why a person commits a crime, you can then analyse approaches to reduce crime rates or successfully rehabilitate criminals. The course provides you with opportunities to apply your knowledge and understanding to real life contexts related to the criminal justice system. It is recommended that you only study one of either Psychology or Sociology alongside this qualification.

Course Content

• UNIT 1: Changing awareness of crime

You will explore the wide range of different crimes including white collar crimes, moral crimes, state crime, individual crimes (e.g. domestic violence) and technological crimes. You will examine the reasons people have for not reporting such crimes and the consequences of these crimes going unreported. You will also look at how the media represents crime to be able to recognise where common representations of crime may be misleading and inaccurate. This unit will conclude with you developing the knowledge and practical skills to plan and create your own campaign for change.

• UNIT 2: Criminological theories

You will gain an understanding of a range of sociological and psychological theories of crime and how these theories have been applied to helping create solutions to crime. You will also learn to support, challenge and evaluate expert opinion and be able to support your ideas with reliable and factual evidence.

• UNIT 3: Crime scene to courtroom

You will gain an understanding of the criminal justice system from the moment a crime has been identified to the verdict. You will develop an understanding of the rules regarding the collection of evidence from a crime scene and the rules of the trial process. At the end of this unit you will have gained the skills to review criminal cases, evaluating the evidence in the cases to determine whether the verdict is safe and just.

• UNIT 4: Crime and punishment

You will develop an understanding of the criminal justice system in England & Wales and how it operates to achieve social control. You will look at the roles of various organisations such as the Crown Prosecution Service, the police, prison and probation services and evaluate their effectiveness in controlling crime and protecting the public.

Assessment

Units 1 and 3 are internally assessed by controlled assessments. Units 2 and 4 are externally assessed by exams.

Career Possibilities

Criminology is an excellent preparation for anyone considering higher education at degree level in a wide range of related courses such as Law, Criminology, Social Policy, Criminal Justice, Sociology or Psychology. There are also many career pathways involving the police, prison and probation services, criminal justice system, law and social policy.

GCSE Grade Profile

Students who study Criminology must achieve 5 GCSE grades from 9 – 4 in more than five subjects (including English) at GCSE level.



Level 3 Certificates and Diplomas

> Food Science & Nutrition

Course Description

The Level 3 Food Science and Nutrition diploma is an academic, creative and innovative course that encourages students to take a broad view of food science and nutrition. This is an Applied General qualification and is designed primarily to support learners progressing to university. Students will have the opportunity to learn through the acquisition of knowledge about the relationship between the human body and food as well as practical cooking and preparing food. The qualification has been designed around the concept of a 'plan, do, review' approach to learning. The course includes a high practical input and students will be required to develop and enhance their ICT skills.

Course Content

Learners complete three units two mandatory and one optional for the full diploma or one unit for the certificate.

YEAR 12 UNIT (Certificate)

• UNIT 1: Meeting Nutritional Needs of Specific Groups (Mandatory - Exam and coursework)

The unit focuses on the understanding of the science of food safety, nutrition and nutritional needs in a wide range of contexts, and through on-going practical work, to gain practical skills to produce quality food items to meet the needs of individuals.

YEAR 13 UNIT (Diploma)

• UNIT 2: Ensuring Food is Safe to Eat (Mandatory – Case study exam)

The unit focuses on an understanding of hazards and risks in relation to the storage, preparation and cooking of food in different environments and the control measures to minimise these risks.

• UNIT 3: Experimenting to Solve Food Production Problems (Optional – coursework project)

The unit involves the study of the properties of food in order to carry out experiments to solve food production problems.

or

• UNIT 4: Current Issues in Food Science and Nutrition (Optional – coursework project)

The unit you will develop the skills needed to plan, carry out and present a research project on current issues related to food science and nutrition.

Assessment

The course is assessed through a combination of written examinations, projects and case studies to cater for different learning styles. The grading is reported on a four point scale: Distinction*, Distinction Merit, Pass.

Career Possibilities

The Food Industry continues to expand and is one of the largest employers in the UK. A Level 3 Food Science and Nutrition Diploma can lead to Further Education in a wide variety of courses in research, food science, product development, public health, food manufacture, dietetics and marketing.

GCSE Grade Profile

Students who study Food Science and Nutrition must have achieved 5 GCSE grades from 9 – 4. A 9 – 4 GCSE grade in Food Preparation and Nutrition is advantageous. To cope with the level of scientific understanding students must also have attained at least a grade 5 in Science.



Level 3 Certificates and Diplomas

> Health & Social Care (Extended Certificate)

Course Description

The Extended Certificate is equivalent to one A level. Students will study three units of work in Year 12 and three in Year 13, overall 50% of the grade will come from externally marked exam and 50% from internally marked coursework. The OCR Cambridge Technical in Health and Social Care have been developed to meet the changing needs of the sector, and prepare students for the challenges they'll face in Higher Education or employment. It has been designed in collaboration with experts spanning the breadth of the sector, the Cambridge Technical in Health and Social Care focuses on the skills, knowledge and understanding that today's universities and employers demand. Students will practically apply their skills and knowledge in preparation for further study or the workplace.

Course Content (OCR)

• UNIT 1: Building Positive Relationships in Health and Social Care (Internally assessed)

This unit aims to introduce students to the many different relationships that they will encounter within the Health and Social Care sector, whether with colleagues, senior members of staff, other professionals within the sector and individuals who require care and support. They will apply communication and relationship building skills in a practical way, considering how different factors, including context, can impact on the building of positive relationships. Students will also be introduced to the concept of the person-centred approach which will help with their relationship building skills.

• UNIT 2: Equality, Diversity and Rights in Health and Social Care (1 hour 30 min written exam)

This unit will help students to understand the implications of diversity on practice and also the effects of discriminatory practice on individuals who require care or support. They will also gain an appreciation of how legislation and national initiatives can support anti-discriminatory practice. Strategies used to promote equality, respect diversity and support individuals' rights will be examined. Students will develop the ability to recognise both good practice, and discriminatory practice in care situations. They will develop the judgement and decision making skills to choose appropriate responses to care situations and determine a course of action to promote the equality diversity and rights of individuals in care settings.

• UNIT 3: Health, Safety and Security in Health and Social Care (1 hour 30 min written exam)

This unit introduces students to health, safety and security in health and social care. They will acquire the necessary knowledge and skills to equip them in maintaining a safe working environment for themselves, their colleagues and individuals who require care and support. Students will learn how legislation, policies and procedures work to reduce risks in health and social care and the consequences of not following them. They'll also learn how to respond to different incidents and emergencies within health and social care settings.

Career Possibilities

Health and Social Care is an excellent preparation for anyone considering higher education at degree or diploma level in a wide range of related courses such as Nursing, Social Policy, Social Studies, Sociology, Psychology, Childcare, Paediatrics, Midwifery, Social Work, Police Officer, Probation Officer, YOTs, Paramedics, Health Visitor, Counselling and Teaching. Alternatively, students may move directly into employment where they may continue to gain qualifications.

GCSE Grade Profile

Students who study this subject will normally achieve 9-4 grades in a range of subjects including a grade 4 in English and science. Previous knowledge of Health and Social Care is not required.



Level 3 Certificates and Diplomas

> Health & Social Care (Technical Diploma)

Course Description

The Diploma is equivalent to two A levels. It is for students who have a passion for the subject and what to pursue a career in caring. Students opting for the Diploma, must also take the Extended Certificate in Health and Social Care as one of their options in Year 12. Students taking the Diploma will complete a total of six units in Year 12 and a further six in year 13. Overall 50% of the marks are from externally set and marked exams and 50% from internally assessed coursework. The OCR Cambridge Technical provide a strong base for progression to university, apprenticeships or work and are recognised for UCAS tariff points.

Course Content (OCR)

- **UNIT 5: Infection Control**
(Internally Assessed)

The human body is constantly exposed to vast amounts of germs, micro-organisms and disease. Infection control is of paramount importance in settings such as hospitals and residential homes, but equally it must be maintained when care is provided in other settings. In this unit your students will learn about the importance of infection control, be introduced to methods that help to prevent the spread of infection, all of this will enable them to apply this in the workplace.

- **UNIT 17: Supporting People with Mental Health Conditions**
(Internally Assessed)

This unit explores the meaning of mental health and mental health needs, and considers issues closely linked with mental health promotion and support. You will learn about the main types of mental health conditions, how these may affect the life of the individual, and different ways that the person may be supported to promote their mental wellbeing.

- **UNIT 7: Safeguarding**
(1 hour exam)

Safeguarding is everyone's business. People who require care and support are often at the forefront of media exposés about abuse, exploitation and neglect. As practitioners in the health and social care sector we must all be aware of safeguarding. Protecting people from harm is a core role for all workers in the health and social care sector. In this unit you will learn how to support and protect people and understand who is vulnerable by being able to recognise signs of abuse, exploitation and harm in both children and adults. In this unit you will become familiar with the language of safeguarding and the key legislation you will be required to implement as a worker in the health and social care sector.

Career Possibilities

Health and Social Care is an excellent preparation for anyone considering higher education at degree or diploma level in a wide range of related courses such as Nursing, Social Policy, Social Studies, Sociology, Psychology, Childcare, Paediatrics, Midwifery, Social Work, Police Officer, Probation Officer, YOTs, Paramedics, Health Visitor, Counselling and Teaching. Alternatively, students may move directly into employment where they may continue to gain qualifications.

GCSE Grade Profile

Students who study Health & Social Care must achieve five GCSE grades from 9-4 including a grade 5 or higher in English and Science. Previous knowledge of Health and Social Care is not required.



Level 3 Certificates and Diplomas

> IT

Course Description

This course aims to develop your knowledge, understanding and skills of the essentials of IT and Cyber Security. You will gain an insight into the IT sector as you investigate the pace of technological change, IT infrastructure on a global scale, and the importance of legal and security considerations. The course was designed in collaboration with industry experts; the qualifications focus on the requirements that today's employers require.

Course Content

• UNIT 1: Fundamentals of IT

This unit will create a solid foundation in the fundamentals of hardware, networks, software, the ethical use of computers and how businesses use IT. After completing this unit, the knowledge, skills and understanding your students have developed will underpin their study for the additional units.

• UNIT 2: Global Information

This unit will demonstrate the uses of information in the public domain, globally, in the cloud and across the Internet, by individuals and organisations. You will discover that good management of both data and information is essential and that it can give any organisation a competitive edge. This unit will provide you with a greater understanding of how organisations use information sources both internally and externally and the types of information they will encounter. This unit will help you to understand the legislation and regulation governing information which flows in to and out of an organisation and the constraints and limitations that apply to it.

• UNIT 3: Cyber Security

This unit will allow you to gain knowledge and understanding of the range of threats, vulnerabilities and risks that impact on both individuals and organisations. You will learn about the solutions that can be used to prevent or deal with cyber security incidents resulting from these challenges. You will be able to apply your knowledge and understanding of cyber security issues and solutions by reviewing and making recommendations for ways to best protect digital systems and information.

• UNIT 9: Product development

You will learn about different product design methodologies and the role of the product development life cycle. You will also discover the factors that influence product developments. The key to any product development being a success is the analysis, client review, design, testing and final acceptance that takes place. Whether you are building a network, developing a website, developing a system for data analytics or creating an Augmented or Virtual Reality resource, they are all products, it is important to understand the processes required for the development of products and that can be applied to a variety of situations.

• UNIT 17: Internet of Everything

This unit is about the use of the Internet and how it is impacting people and society. You will learn about the Internet of Everything (IOE) and how it is used. Using this knowledge you will carry out a feasibility study for a potential idea. You will pitch your idea to potential stakeholders and use your feedback to revise their proposal.

Career Possibilities

This course gives you the opportunity to progress to a degree in an information technology discipline or a degree where information technology related skills and knowledge may be advantageous. This qualification carries UCAS points and is recognised by higher education providers as meeting admission requirements to many relevant courses.

GCSE Grade Profile

Students who study this subject normally achieve 4 in ICT or Computer Science and will normally achieve Level 9-4 grades in a range of subjects including a 4 in Mathematics and English.



> How to Apply



If you would like to study at our Sixth Form you should complete the application form at the back of this prospectus and return it to Martyn Johnson by the date specified on the form. You will hear soon after if we are able to offer you a place. When we write to you we will tell you if we would like to interview you to discuss your choices further and we will give you full details of what to do next.

Our option block system at Huntington Sixth Form is based upon student choice. If you apply before the deadline you will influence what subjects are available to study alongside each other. This is especially important if you want to take a specific combination of subjects. Please note however, that it might not be possible to guarantee you a place on all your first choice of courses as the option blocks will be dependent upon student demand.

Offers of places in the Sixth Form are conditional on a student meeting the minimum entry requirements for the Sixth Form and for the particular courses chosen. These requirements can be found in this prospectus and in the course information folders. Please pay close attention to these requirements when applying.

It is important that you visit the school and talk to people here to get a real feel for the place. Our Open Evening and Taster Day provides the opportunity to find out more about the Sixth Form and if you are currently at another school you are very welcome to visit the school with your parents for an individual tour and a discussion with Martyn Johnson.



Huntington Sixth Form

Learn and Succeed



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