



**FARRINGTONS SCHOOL**  
**HUNDREDS OF INDIVIDUALS**  
**ONE COMMUNITY**  
**SIXTH FORM COURSES**



# CHOICE

At present, we intend to offer courses in the following subjects:

- Art
- Biology
- Business (BTEC)
- Chemistry
- Computer Science
- Drama
- Digital Media (OCR Cambridge Technical)
- Economics
- English Literature
- French
- Geography
- German
- Graphic Communication
- History
- Mathematics & Mathematics (Further)
- Music
- Music Technology
- Photography
- Physics
- Politics
- Psychology
- Religious Studies
- Spanish
- Sport & Physical Education (BTEC)
- Textiles

These courses will run providing there is a minimum of four students per subject.

In addition, we offer a range of courses and activities, some leading to accredited qualifications, including:

- English as an Additional Language
- Lively range of sporting activities
- Duke of Edinburgh
- Extended Project Qualification
- First Aid Qualification
- Student Leadership course

At Farringtons we aim to:

- Provide a range of qualifications from which our students can choose programmes that meet their needs and gain credit for their achievements.
- Ensure that the qualifications provided are worthwhile and valued and that students can combine academic and vocational studies appropriately and coherently.
- Offer scope for specialisation to support progression while at the same time encouraging more students to broaden their knowledge, understanding and skills.
- Encourage all students to attain a high level of key skills.
- Give individual guidance in a student's choice of university courses or careers.
- Offer clear progression routes into higher education, employment and further training.

## Choosing Options

When you are choosing courses and qualifications to study in the Sixth Form, there are a number of related factors that can be useful in guiding your choice.

1. **Knowing yourself** – being aware of your abilities, likes and dislikes, interests and the way you like to learn will all help to make your choice.

2. **Knowing your aims** – if you have ideas for the work you would like to do in the future then you may want to look for subjects that will help you work towards your desired career.
3. **Knowing your subjects** – it is important to know something about the content of the subjects you are considering taking. You may be drawn to a subject because of its title or because you achieved a good grade in it at GCSE. However, a closer look at what the subject involves may reveal that it is not right for you. Being aware of your full range of subject options can help you to choose a combination of related subjects that might best meet your learning needs.

Some university courses require you to study specific subjects at A level. Other courses prefer certain subjects or subject combinations. Overleaf is a guide to the requirements for some university courses. This is not an exhaustive list and further information can be obtained from the Sixth Form tutor team. Different combinations may be expected for Oxbridge entry. Please note that combination courses are also available at many universities.

# JOINING FARRINGTONS

Education is a sector that is forever changing, which is one of the reasons we love it so much. We understand that such changes can at first seem daunting and complex. At Farringtons, we are better poised than most to adapt to this change and can support students and parents along the way. The small size of our school certainly works in our favour in this matter; our versatile set of teachers can quickly cater to any modifications that may be imposed as governments change and policies are announced. This can be particularly true of the structure of qualifications, especially when it comes to the path to Higher Education. We enjoy a fantastically strong working relationship with universities throughout the country which allows us to guide students through the application process. Farringtons Sixth Form prides itself on its ability to help students put together the best possible applications for Higher Education, as the requirements for these change and diversify.

## A Level Pathways

Emerald Pathway	Sapphire Pathway	Ruby Pathway
3 A Levels (possibly including one BTEC) and possible EPQ.	Compulsory guided BTEC choice and guided A Levels.	Compulsory BTEC choices.
Seven 9-5 grades in full course GCSE subjects. May include BTEC equivalent	Five 9-5 grades in GCSE or equivalent	Five 9-4 grades in GCSE or equivalent, with at least a Merit or grade 4 in a relevant BTEC or GCSE

## International Students

Overseas students who may have equivalent qualifications will still be required to achieve an acceptable standard in the School's Entrance papers. These entrance papers must be sat in controlled conditions as outlined on the examination. Students must achieve an Upper Intermediate (B2) level of English in order to be admitted to a two year course of study. Students achieving Intermediate (B1) will be offered a three year programme of study.

Further English and Mathematics papers will also be sat once the student has arrived in the School. Any discrepancies in grades achieved on arrival could result in a change of programme of study or ultimately withdrawal of student sponsorship.

## Entry Requirements

Please see next page for course specific entry requirements.

# ENTRY REQUIREMENTS

Subject	English Language/ Literature Grade	Maths Grade	Relevant Subject	Other requirements/ information
Art	5		5	
Biology	5	5	6	
Business BTEC	4	4		
Chemistry	5	6	6	
Computer Science		6	6	
Drama	5		5	Audition
Digital Media	4	4		
Economics	5	5		Extended writing subject
English Literature	5 & 6			
French	5		6	
Further Mathematics		8		Must also be studying Maths A Level
Geography	5	5	5	Extended writing subject
German	5		6	
Government & Politics	5			

Subject	English Language/ Literature Grade	Maths Grade	Relevant Subject	Other requirements/ information
Graphics	5	5	5	
History	5		5	Extended writing subject
Mathematics		7		Additional test
Music	5		6	Grade V in an instrument and audition
Music Technology	5		5	
Photography	5			
Physics	5	6	6	
Psychology	5	5		Extended writing subject
Religious Studies	5		5	Extended writing subject
Spanish	5		6	
Sport (BTEC)	4			
Textiles	5			

# ART

The course is studied as a full A Level linear course (two years). The specification is 100% internally marked and externally moderated including the Controlled Assignments.

Examination Board	AQA
Coursework %	60%
Exam %	40%

Students will be required to develop skills to record experiences and observations in a variety of ways and be expected to engage in integrated critical, practical and theoretical study in art and design. Students engage in the integrated critical, practical and theoretical study in art and design.

## Course Summary

Students are required to work in one or more area(s) of Fine Art as listed below. They may explore overlapping areas and combinations of areas:

- Drawing and painting
- Mixed-media, including collage and assemblage
- Printmaking (relief, intaglio, screen processes)
- Sculpture
- Ceramics
- Installation
- Moving image and photography

## Component 1 Title: Personal Investigation

This component allows students opportunities to generate and develop ideas, research primary and contextual sources, record practical and written observations, experiment with media and processes, and refine ideas towards producing personal resolved outcome(s)

## Component 2 Title: Externally Set Assignment

Incorporates two major elements: preparatory studies and the 15hour period of sustained focus. Preparatory studies will comprise a portfolio of practical and written development work based on the Externally Set Assignment.

## Higher Education and Career Options

- Fine Artist
- Architecture
- Interior and Spatial Design
- Sculpture
- Illustration
- Animation
- Theatre and Stage design
- Printmaking
- Graphic Design
- Video games design
- Website design
- Fashion design
- Textile Design
- Book conservation
- Teaching & Lecturing
- Typography
- Art Historian
- Art Curation

Examination Board	OCR
A Level Course Code	H420
Coursework %	0%
Exam %	100%

# BIOLOGY

Biology is highly relevant to everyday life. A qualification in Biology helps you develop research, problem solving, organisation and analytical skills. Biology gives you the opportunity to enter into many exciting careers and is highly regarded by all universities as a rigorous academic subject.

## Course Summary

The OCR A Biology course is studied over two years. Modules include the study of exchange and transport, biodiversity, communicable diseases, genetics and evolution. Practical skills are also developed through the Practical Endorsement.

## Higher Education and Career Options

Biology is a key subject for lots of careers, particularly in clinical and health professions and jobs involving plants or animals. The list is extensive and includes: medicine, nursing, dentistry, forensic science, psychology, physiotherapy, botany, environmental science, zoology, geology, oceanography, pharmaceuticals, energy, teaching, science writing, genetics and research. Biology is highly regarded by all universities as a rigorous subject, facilitating access to a large range of subjects for study.

“DNA is like a computer program but far, far more advanced than any software ever created” – Bill Gates

A level Biology provides a better understanding of many complex biological processes in life.

Mrs L Sriram, Biology Teacher

# CHEMISTRY

<b>Examination Board</b>	<b>OCR</b>
<b>A Level Course Code</b>	<b>H432</b>
<b>Coursework %</b>	<b>0%</b>
<b>Exam %</b>	<b>100%</b>

## Course Summary

The OCR Chemistry A Level course is designed to allow students to study Chemistry in a variety of different contexts, conveying the excitement of contemporary Chemistry.

The course is split into 6 different modules which are each split into multiple chapters. The course starts by bridging the gap between GCSE and A Level content in Module 2 – Foundations in Chemistry and Module 3 – Periodic Table and Energy. The course then progresses onto Core Organic Chemistry which is built upon later in the A Level part of the course. Students will also study a range of inorganic chemistry topics that may not be as familiar to them such as Enthalpy and Entropy, Equilibrium and Spectroscopy.

A Level students will be expected to undertake a variety of experiments which will develop skills such as taking measurements, planning and research and analysis of results. This will count towards the Practical Endorsement which forms part of the A Level qualification.

## Higher Education & Career Options

Chemistry occupies a central position in the sciences and as such, allows students to access a wide range of courses including pharmacy, medicine, engineering, material science, environmental studies, and geology. Chemistry is an essential prerequisite for most scientific careers.

“Every aspect of the world today – even politics and international relations – is affected by chemistry” – Linus Pauling

“In its simplest sense, Chemistry is the rearrangement of atoms from reactants into products, but the many different ways in which this can occur allows for an exciting exploration of the natural world’.

Mr D Foster, Head of Science

# COMPUTER SCIENCE

Examination Board	AQA
Coursework %	20%
Exam %	80%

Course code: 7516 7517

**Examinations:** A Level Paper 1 – on-screen exam:  
2 hours 30 minutes (40% of A Level)  
A Level Paper 2 – written exam:  
2 hours 30 minutes (40% of A Level)  
A Level Programming Project – 20%

## Prior knowledge:

All pupils need to have completed a Computer Science GCSE course and have a good understanding of Python programming language.

## Course Summary

This course encourages problem-solving and promotes computational thinking in ways that inspire creativity. This course focuses on the knowledge, skills and understanding that students need to progress either to higher education or to the workplace.

- Fundamentals of programming
- Fundamentals of data structures
- Systematic approach to problem solving
- Theory of computation
- Fundamentals of data representation
- Fundamentals of computer systems
- Fundamentals of computer organisation and architecture
- Consequences of uses of computing
- Fundamentals of communication and networking
- Fundamentals of algorithms
- Fundamentals of databases
- Big Data
- Fundamentals of functional programming
- Non-exam assessment – the computing practical project

## Higher Education or Career Paths:

- Application analyst
- Business analyst
- Data analyst
- Database administrator
- Games developer
- Information systems manager
- IT consultant
- Multimedia programmer
- SEO analyst
- Systems analyst
- Systems developer
- UX analyst
- Web designer
- Web developer

Mrs L Williamson, Teacher of Computer Science

# DRAMA & THEATRE STUDIES

Examination Board	AQA
Coursework %	60%
Exam %	40%

## Course Summary

The course is studied as a full A Level linear course (two years).

A Level Drama and Theatre offers students the opportunity to explore drama as a practical art form, in which ideas and meaning are communicated to an audience through choices of form, style and convention. Students will:

- create, perform and respond to drama and theatre
- develop the creativity and independence to become effective theatre makers
- explore the relationship between theory and practice in a range of theatrical styles, periods and historical, social and cultural contexts
- learn how relevant research, independent thought and analysis of live theatre production can inform decision making in their practical work and put this understanding into practice experience the ways in which theatre makers collaborate to create theatre.

The subject content for A Level Drama and Theatre is divided into three components:

1. Drama and theatre
2. Creating original drama
3. Making theatre

## Higher Education & Careers Options

This course will enable students to confidently progress to the study of Drama at University or at Drama School. Due to its content it provides a strong understanding of theatre not just from a practical stance but from a directorial and theoretical viewpoint also. Theatre Studies develops essential and much desired transferable skills which make it a sound basis for careers such as Law, Politics and Education, students wishing to study English, Psychology or History in higher education particularly find this course an excellent complement to their studies.

# ECONOMICS

A Level Economics is studied as a full linear course over two years and is examined over 3 papers:

- Paper 1: Micro Economics
- Paper 2: Macro Economics
- Paper 3: Synoptic Paper

Economics applies theory to support analysis of current economic problems and issues, encouraging students to appreciate the interrelationships between microeconomics and macroeconomics. The students will study:

- The operation of markets and market failure
- The national economy in a global context
- Individuals, firms, markets and market failure
- The national and international economy

The A Level papers will have a combination of data response and essay type questions.

## Higher Education & Career Options

Qualifications in Economics can lead to a wide-ranging choice of careers, either directly into employment such as the banking industry or into higher education. Most students taking A-Level Economics continue into higher education studying a range of courses including Management, Economics, Finance and Banking or pursuing an Apprenticeship programme.

The AQA

Examination Board	AQA
Coursework %	0%
Exam %	100%

Examination Board	Edexcel
Coursework %	20%
Exam %	80%

# ENGLISH LITERATURE

## Course Summary

Students will focus on a minimum of eight texts during the course, including plays, novels and poetry. They will also be expected to undertake individual reading. Analysing the ways in which writers create meaning will be a central element of the course. Students will also be encouraged to examine critical readings of works as well as forming their own interpretations. We will explore the impact of historical and social contexts on the creation of our set texts and also our understanding of them.

During Year 12 students will study four texts. Current texts are 'A Thousand Splendid Suns', 'Wuthering Heights' or 'Tess of the d'Urbervilles', 'A Streetcar Named Desire' and the Forward Poetry Anthology. Students will take two school examinations:

1. Drama and poetry
2. Prose texts

In Year 13 students will complete a 3000 word coursework essay comparing two texts. They will also study a collection of poetry by writers such as Keats and a Shakespeare tragedy'. Students will sit three public examinations at the end of Year 13:

1. Drama
2. Prose
3. Poetry

All examinations are open text.

## Higher Education & Career Options

An A level in English Literature is popular with universities and employers as it indicates higher level communication skills, something required in every walk of life. In recent years students have gone on to study English Literature and related courses at university such as Law, Media, Film Studies, Education, Drama and the Arts, Journalism and Publishing.

*'The study of English Literature has a civilising effect: it exposes the learner to the inner workings of others' minds, to different cultures and societies, to different worlds and historical contexts. Most of all it develops empathy and a deep sense of critical awareness. It is a subject which all enjoy, and many love. It requires an open mind and a mature perspective along with the motivation to read a broad range of challenging texts independently.'*

Ms S Bliss, Head of English Department

# FRENCH

Examination Board	AQA
Oral %	30%
Exam %	70%

An ability to speak French is an advantage on the international job market. A knowledge of French opens the doors of French companies in France and other French-speaking parts of the world (Canada, Switzerland, Belgium, and North and sub-Saharan Africa).

## Course Summary

The course is studied as a full A Level linear course (two years).

Topics studied are similar to those touched on at GCSE but are studied in more depth. It also includes the study of two literary works comprising one film and one novel/ play/selection of poems and the development of independent research skills on a topic of personal interest.

Students study technological and social change, looking at diversity and the benefits it brings. They will study highlights of French speaking artistic culture, including franco-phone music and cinema, and learn about political engagement and who wields political power in the French-speaking world.

Students also explore the influence of the past on present-day French-speaking communities. Throughout their studies, they will learn the language in the context of French-speaking countries and the issues and influences which have shaped them. Students will study texts and film and have the opportunity to carry out independent research on an area of their choice.

Assessment tasks will be varied and cover listening, speaking, reading and writing skills. Students also attend a one-to-one conversation practice with a native speaker to help them prepare the oral.

## Higher Education & Career Options

Linguists are in demand with employers and recruitment agencies. Modern Languages and Linguistics university graduates regularly go on to careers in areas such as law, management, accountancy, banking, international journalism, the media, advertising, the Diplomatic Service and the performing arts, as well as language specific jobs like speech therapy, teaching, speech and language technology, translation or interpreting.

*'Learning a language is like having a chocolate box in front of you: you can choose the language you want, you can travel and meet interesting people, you can enjoy watching a film, the type of work you can do is infinite and it keeps your brain younger!'*

Mlle I Mosqueron, Head of MFL

Examination Board	AQA
Coursework %	20%
Exam %	80%

# GEOGRAPHY

## Course Summary

The course is studied as a full A Level linear course (two years).

The AQA syllabus content is presented in the form of topics related to people and their environment. We examine many of the problems facing the world today and what can be done to manage these problems. An environmental focus is important covering a wide variety of topics, e.g. climate change, global warming, earthquakes, volcanoes, glaciers and flooding. Socio-economic problems are also considered such as world population growth, inequalities in development, migration issues as well as peoples' perspective of place and space.

## The topics

- The **physical** topics studied in Year 12 include Water and Carbon Cycles and Glacial Systems and Landscapes.
- The **human** topics studied in Year 12 include Changing Places and Global Systems and Global Governance.

In Year 13, students will study Hazards for Physical Geography and Contemporary Urban Environments for Human Geography. In addition, they will also complete an NEA independent investigation of their own focus based on one of the topics in the specification.

## Higher Education & Career Options

Qualifications in Geography can lead to a wide-ranging choice of careers, either in employment where Geography is the essential element such as teaching, or occupations ranging from Landscape Architecture, Tree Preservation, Tourism, Outdoor Leisure Management, Volcanology, Cartography and Surveying.

*'Einstein decided to give up Geography and study Physics because the range of topics and scope for the subject was too vast for him to handle. So therefore every Geographer can happily put themselves on par with Einstein.'*

Mr A Essex, Head of Geography Department

# GERMAN

Examination Board	AQA
Oral %	30%
Exam %	70%

## Course Summary

The course is studied as a full A Level linear course (two years).

Topics studied are similar to those touched on at GCSE but are studied in more depth. It also includes the study of two literary works comprising one film and one novel/play/selection of poems and the development of independent research skills on a topic of personal interest.

A Level German helps students develop confident, effective communication skills in the German language and a thorough understanding of the culture of countries and communities where German is spoken. This specification develops an interest in, and enthusiasm for, language learning and encourages students to consider their study of the language in a broader context. The four unit specification requires students to develop their ability to write and speak in German with accurate grammar and syntax for a range of purposes and to understand written or spoken German in a variety of contexts and genres.

A Level German is particularly suitable for students who have studied GCSE German or the AQA Certificate in German and wish to study the language at a higher level.

Students study technological and social change, looking at the multicultural nature of German-speaking society. They will study highlights of German-speaking artistic culture, including art and architecture, and will learn how Germany's political landscape was formed. Students will explore the influence of the past on present-day German-speaking communities. Students will study texts and film and will have the opportunity to carry out independent research on an area of their choice.

Assessment tasks will be varied and cover listening, speaking, reading and writing skills. Students also attend a conversation practice with a native speaker to help them prepare the oral.

## Higher Education & Career Options

Linguists are in demand with employers and recruitment agencies. Modern Languages and Linguistics university graduates regularly go on to careers in areas such as law, management, accountancy, banking, international journalism, the media, advertising, the Diplomatic Service and the performing arts, as well as language specific jobs like speech therapy, teaching, speech and language technology, translation or interpreting.

Examination Board	Edexcel
Coursework %	0%
Exam %	100%

# GOVERNMENT & POLITICS

## Entry Requirements

The course requires students to have proficient essay writing skills and therefore a grade 6 in either English Literature or Language is highly recommended.

## Course Summary

The course covers three components; UK Politics, UK Government and Comparative Global Politics. Each component is examined separately in a 2 hour examination consisting of a combination of shorter and longer essay based questions.

The first year of the course consists of two components:

UK Politics- topics consist of:

- Democracy and Participation
- Political Parties
- Electoral Systems
- Voting Behaviour and the Media

UK Government- topics consist of:

- The Constitution
- Parliament
- Prime Minister and Executive
- Relationships between Institutions
- Core Political Ideas – Liberalism, Conservatism, Socialism

During year 2 students will study 2 components:

- An optional Non-core Political Idea – Nationalism
- Comparative Politics – Global politics, theories of global politics, sovereignty and globalisation, global governance: political and judicial, global governance: economic and environmental, power and developments, regionalism and the European Union

## Higher Education & Career Options

A qualification in A level Politics is valuable to anyone aiming to enter higher education and is a course which is well respected by universities, whatever the student's chosen subject. It is particularly useful for those interested in a career in journalism and the media, marketing, law, public relations or the civil service.

'This is an engaging and relevant A level which develops literacy, critical thinking, analysis and research skills. It complements History, Economics, Psychology as well as other subjects. Through studying A level Politics students will develop knowledge and understanding of the role politics plays in current local, national and global issues.'

# GRAPHIC COMMUNICATION

Examination Board	AQA
Coursework %	60%
Exam %	40%

## Entry Requirement

Studying and application of the Arts or Design technology at GCSE level 5 or above would be an advantageous start to the course.

## Course Summary

Students are required to work in one or more area(s) of graphic communication. They may explore overlapping areas and combinations of areas:

- Advertising
- Packaging design
- Design for print
- Illustration
- Communication graphics
- Branding

Students will study the Art and Design Specification, following the Graphic communication pathway. Both units are internally set, assessed by the teacher and externally moderated.

## Component 1 Title: Personal Investigation

This component allows students opportunities to generate and develop ideas, research primary and contextual sources, record practical and written observations, experiment with media and processes, and refine ideas towards producing personal resolved outcome(s)

## Component 2 Title: Externally Set Assignment

Incorporates two major elements: preparatory studies and the 15–hour period of sustained focus. Preparatory studies will comprise a portfolio of practical and written development work based on the Externally Set Assignment.

## Higher Education and Career Options

As Graphics is both a creative and communication based subject it can lead into many fields of work including:

- Graphic Designer (freelance and company based)
- Animation design
- Video games design
- Website designer
- Illustrator
- Book conservation
- Teacher
- Promotional design– corporate identities
- Typographer

And of course the qualification needed to apply for an Art Foundation or BA degree in Graphics, product design, animation, book conservation.

‘Graphic design is driven by innovation, rapid developments in technology and highly creative minds. The course will give you an understanding of the importance of visual awareness that everything in the world around us has been designed to suit a specific need or a user.’

Miss R Azulay

Examination Board	Edexcel
Coursework %	20%
Exam %	80%

# HISTORY

A Level History at Farringtons remains a popular choice amongst our students and is offered as a two-year course, where analytical, research, and communication skills are developed alongside historical knowledge.. Students are expected to take responsibility for their own learning by meeting deadlines and by actively engaging with the topics being considered. Students have the opportunity to explore different interpretations, evaluate the significance of an event and their consequences, and develop their ability to draw connections across topics studied. These are essential and transferable skills, which will support their wider learning and development.

Students who achieve well in History are intellectually prepared for the rigours of university and the wider world of work regardless of the direction they take. The pace of work is demanding and the expectations are high, however, if a student works to their potential, the transition to the next phase of their lives, will be that much easier to make.

## Course Summary

History is divided into four units completed over two years. The current course specification is Edexcel History and we are following Route E. Communist States in the Twentieth Century.

In Year 12, students will complete the content and skills for Paper 1 and Paper 2. They will sit an internal assessment at the end of the year.

- Paper 1: Russia 1917–91: from Lenin to Yeltsin (30% of A Level)
- Paper 2: Mao's China: 1949–76 (20% of A level)

There is also a British History component and an independent research component which takes place in Year 13. Students will start the Coursework component towards the end of Year 12, and will start the independent research during the summer break. In Year 13, they will complete the coursework with some guided lessons alongside completing Paper 3.

- Paper 3: Britain's Experience of Warfare 1790–1918 (30% of A Level)
- Paper 4: Coursework is based on the Origins and Interpretations of the Holocaust (20% of A Level)

## Higher Education and Career Options

Students completing A Level History are prepared for careers in teaching, law, journalism, business, economics, and finance, the civil and security services, charity sector, and in the theatre, cinema, or media industries.

# MATHEMATICS

Examination Board	Edexcel
Coursework %	0%
Exam %	100%

## Course Summary

The A Level Mathematics course is linear, with all three exams being taken at the end of Year 13.

The content is broken down into Pure and Applied modules with two Pure Mathematics examinations and one Applied examination. Students have to study both Statistics and Mechanics in the Applied; there is no longer a choice within the course.

The pure modules consist of geometry, algebra, trigonometry, sequences and series, and calculus. The third module is the Statistics and Mechanics applied module. Statistics looks at probability, representing and interpreting data and predicting outcomes whereas Mechanics is looking at the physical side of Mathematics, including forces acting upon particles, centres of mass and kinematics. These two modules apply the mathematics learnt in the core modules to solve real-world problems.

Maths A Level complements a wide variety of subjects such as the Sciences, ICT, Geography, Economics and Psychology etc. You will learn how to solve problems in a logical manner which is a skill highly sought after by employers.

## Higher Education & Career Options

Studying Mathematics will open up a huge number of pathways for you both at University and in your career due to the high level of thinking skills required to interpret and solve the many problems presented to you.

Maths students go on to study all sorts of degrees, such as engineering, physics, computing, mathematics, accounting, finance and meteorology to name just a few. Many graduates go on to be Accountants, Actuaries, Meteorologists and Statisticians for companies such as the NHS and the Home Office.

# FURTHER MATHEMATICS

Examination Board	Edexcel
Coursework %	0%
Exam %	100%

## Course Summary

Further Maths has to be studied alongside the Mathematics A Level.

As with the Mathematics A Level, Further Mathematics is a linear course with all four modules taken at the end of Year 13. You will study two compulsory Core Pure modules, which look at complex numbers, proofs, numerical methods and series etc. with the remaining two modules being chosen from further Statistics, Mechanics, Decision or Pure modules. The Statistics, Mechanics and Pure modules will continue from the Maths A Level. Decision Maths however is looking at algorithms and how computers use these algorithms to solve complex problems such as the Travelling Salesman problem and the Seven Bridges of Königsberg problem.

## Higher Education & Career Options

Studying Mathematics will open up a huge number of pathways for you both at University and in your career due to the high level of thinking skills required to interpret and solve the many problems presented to you.

Examination Board	Eduqas
Coursework %	60%
Exam %	40%

# MUSIC

## Course Summary:

The course is studied as a full A Level linear course over two years.

You complete both options A or both B for both of each of components 1 and 2. All complete component 3.

**Component 1 – Performing:** A recital, externally assessed by a visiting examiner.

Option A (35%) A minimum of 3 pieces – 10–12 minutes' total duration

Option B (25%) A minimum of 2 pieces – 6–8 minutes' total duration

You must have at least 2 of the AoS reflected in the recital and include at least 1 solo. It is advisable, but not essential to include an ensemble performance. You will also perform publicly at regular intervals throughout the year.

**Component 3: A written examination: 2 hours 15 minutes approximately (40%)**

**AoS include**

- The Western Classical Period (AoS A)
- The Development of the Symphony, 1750 – 1900.

One from this choice of B C or D:

- Rock and Pop (1960–2000) (AoS B)
- Musical Theatre (AoS C)
- Jazz (1920–1960) (AoS D)

Together with one from:

- Into the C20th (AoS E)
- Into the C21st (AoS F)

**Component 2 – Composition:** Compositions externally assessed by Eduqas.

Option A (25%) Two compositions with a total duration of 4 – 6 minutes.

One must reflect the musical techniques and conventions of the Western Classical Tradition in response to a choice of 4 briefs set by Eduqas. The second is a free composition

Option B (35%) Three compositions with a total duration of 8 – 10 minutes.

One must reflect the Western Classical Tradition from 1 of 4 briefs set by Eduqas. The other must reflect the musical characteristics of a different Western Classical AoS. The third is a free composition.

## Higher Education & Career Options

Studying Music will help develop many transferable skills that employers and higher education desire. Many universities recognise the wide range of skills studied in music as advantageous to both arts and science courses. There are opportunities for technicians, performers, teaching, composers, both traditional and modern, as well as many more.

*'For those wanting to increase their skills in Composing, Listening and Performing. A course that helps you to access and demonstrate a wide range of transferable skills that universities and employers look for.'*

# MUSIC TECHNOLOGY

## Course Summary

The course is studied as a full A Level linear course (two years).

### Component 1: Recording – practical coursework

Use production tools and techniques to capture, edit, process and mix an audio recording.

- One recording, chosen from a list of 10 songs provided by the exam board, consisting of a minimum of five compulsory instruments and two additional instruments. Keyboard tracks may be sequenced.

### Component 2: Technology based composition – practical coursework

Creating, editing, manipulating and structuring sounds to produce a technology-based composition.

- One technology-based composition chosen from three briefs set by the exam board.
- Synthesis and sampling/audio manipulation and creative effects use must be included.

### Component 3: Listening and analysing – written exam

Knowledge and understanding of recording and production techniques and principles, in the context of a series of unfamiliar commercial recordings supplied by the exam board.

Application of knowledge related to all three areas of study:

- Recording and production techniques for both corrective and creative purposes.
- Principles of sound and audio technology.
- The development of recording and production technology.

Examination Board	Edexcel
Coursework %	40%
Exam %	60%

### Component 4: Producing and analysing – practical and written exam

Knowledge and understanding of editing, mixing and production techniques, to be applied to unfamiliar materials provided by the exam board in the examination.

Application of knowledge related to two of the areas of study:

- Recording and production techniques for both corrective and creative purposes
- Principles of sound and audio technology.

## Higher Education & Career Options

Studying Music Technology will help to develop a broad range of skills including project management, appraising and analysis, creativity and imagination. Students will be able to progress to undergraduate study in Music Technology, Sound Production, Sound Engineering and many other courses requiring a similar skill set. Careers opportunities include film and television, theatre, and of course in the recording industry, both pop and classical.

Examination Board	OCR
Coursework %	60%
Exam %	40%

# PHOTOGRAPHY

## Course Summary

The course is studied as a full A Level linear course (two years).

All specifications will be 100% internally marked and externally moderated including the Controlled Assignments. In Year 12 students engage in integrated critical, practical and theoretical study in Photography. Students will be required to develop skills to record experiences and observations in a variety of ways and be expected to engage in integrated critical, practical and theoretical study in art and design.

The course is made up of 2 components; a personal study with related study and EST (Externally Set Task).

## Higher Education & Career Options

Foundation & Degree Courses in Art and Design and Photography.

*'Photography and image making in the modern world is so complex, the possibilities of the course are limitless. You will develop as an artist, a creator and as an individual by undertaking tasks in a medium you will not have encountered before. Working both individually and as a group students bond, learn and grow together, sharing ideas and understanding what it means to be a creative and express yourself through your work. The course will help you gain a comprehensive understanding of photographic techniques, practice and history. Focus on a format of your choice, digital or analogue, still or moving image.'*

*Additionally the role of the A Level course is to prepare you for Higher Education. Understanding contextual and critical analysis of both historical and contemporary works, coupled with essay writing in the second year will aid a seamless transition into undergraduate studies.'*

Mr R Matthews, Photography Teacher

# PHYSICS

Examination Board	OCR
A Level Course Code	H556
Coursework %	0%
Exam %	100%

## Course Summary:

Physics can be studied as a full A Level course.

At Farringtons, Physics is divided into topics, each covering different key concepts. In the Lower Sixth the four modules studied are:

- Development of practical skills
- Forces and motion
- Foundations of physics
- Electrons, waves and photons

In the Upper Sixth the two modules studied are:

- Newtonian world and astrophysics
- Particles and medical physics

The course will be examined by two papers of two hours and fifteen minutes each and one paper of one hour and thirty minutes. Practical work will be assessed and reported separately.

## Higher Education & Career Options:

Studying Physics at A Level is highly regarded by universities and can lead to undergraduate courses in Physics, Engineering, Medicine, Computing and Mathematics. Additionally many financial institutions require the good analytical and problem solving skills that are developed throughout the course.

Physics is a Natural Science which conducts experiments, measurements and mathematical analysis to explain the physical world around us. This scientific enquiry is from the smallest fundamental particles to galaxies and the origins of the Universe.

The early Greeks established the first quantitative physical laws, such as Archimedes' reputedly discovering buoyancy by using his own bath. Experimental work was brought to the heart of Physics studies by Galileo and Newton accompanied by some pioneering work in mathematics leading to advances in describing Planetary Motion, the Laws of Gravity and the Three Laws of Motion.

The laws of Electricity and Magnetism were developed in the 1800s by Faraday and Maxwell, whilst Optics and Thermodynamics were also making great advances at this time with a myriad of exciting experiments that we still execute today.

Modern physics can be said to have started around the turn of the 20th century, with the discovery of X-rays (Röntgen 1895), Radioactivity (Becquerel 1896), Quantum Theory (Planck 1900), and Atomic theory (Bohr 1913). Nuclear and Particle Physics have become fascinating fields, with the advent of the Standard Model (1961) and evidence for it – the Higgs Boson (2012). Particle Physics is now the basis for Astrophysics and Cosmology.

*'The A level course draws on all these intriguing areas richly embedded in a practical based curriculum. A creative, demanding but very rewarding time will be had by those interested and adventurous enough to explore the challenging world of Physics.'*

Mrs V Owen, Physics Teacher

Examination Board	AQA
Coursework %	0%
Exam %	100%

# PSYCHOLOGY

## Course Summary

The course is studied as a full A Level linear course (two years).

Psychology at Farringtons covers the following subjects with equal weighting:

- How memories are made and theories explaining why we forget
- Social influence – how others affect our behaviour in sport, everyday life and situations when we are under authority
- Research Methods – the many ways to investigate human behaviour are learned, evaluated and practised by students
- Approaches in Psychology looks at a variety of approaches to understanding human behaviour from psychodynamics to biochemistry
- Attachment considers the formation of relationships and the effects of our first relationships upon our adult life
- Psychopathology looks at Depression, OCD and Phobias, the causes and treatments are learnt and evaluated

In Year 2, students build on Year 1 topics and also study Aggression, Relationships and Schizophrenia.

## Higher Education & Career Options

This A Level is categorised as a science subject by universities. Psychology will provide you with a skill set for further study or employment. You will be able to write a critical essay, conduct research, give a presentation and evaluate the research of others.

‘Psychology is the scientific study of the mind and human behaviour. Studying this subject will help you understand yourself and other people by learning about aspects of human behaviour that will help you in daily life, including your interactions with others, your learning and memory performance, your ability to cope with pressure and your understanding of the causes of psychological disorders. It suits those with a keen interest in science and strong English and Maths skills.’

Antonia Sawyer, Teacher of Psychology

# RELIGIOUS STUDIES

Examination Board	OCR
Coursework %	0%
Exam %	100%

*Is there a God? If so, then what is God like, and what does God want from us? Do we have souls that live on after death, or are we just machines of flesh and blood? How can we know right from wrong? What is human nature truly like?*

If you like debating life's big questions then A Level Religious Studies is the right choice for you!

- RS uses philosophical perspectives to analyse Christianity, human nature, and ethics
- RS helps to develop thinking skills that can be applied across all other subjects
- RS helps to develop essay writing skill and clarity of expression

## Why choose Religious Studies?

Since ancient times human beings have debated the nature of human existence, its importance, and its origins. The ideas of philosophers have helped to pave the way for the development of science and other fields of knowledge, yet there are still many unanswered questions to explore. Religious Studies explores questions of life and death, values and relationships, and the nature of reality itself.

Religious Studies is an inclusive subject designed for everybody, and you do not have to be religious to study it, you simply need to have a desire to understand the world around you and our role within it. In every part of the course there is room for your own ideas, experiences, and conclusions.

## Course Summary

The *Philosophy of Religion* aspect of the course includes learning about and evaluating the thoughts of Plato and Aristotle from ancient Greece, arguments for the existence of God, arguments against God's existence such as the presence of evil in the world, and contemplation of the human mind.

The *Ethics* aspect of the course includes learning about and analysing the key moral theories that have shaped our world, such as the flexible "needs of the many" theory of Utilitarianism, or Immanuel Kant's strict ethical code of rules and duties. Practical moral issues such as euthanasia are hot topics for discussion, and the very origin of morality is explored – does right and wrong actually exist at all? If so, then where do morals actually come from? If not, then what is next for society?

Finally, the *Developments In Christian Theology* aspect of the course looks at the major religious tradition of the UK, exploring the life of Jesus, the views of St Augustine on human nature and salvation, the challenges of science and atheism to beliefs, and how religion has changed in modern times.

## Higher Education and Career Options

Religious Studies is a well-respected academic subject which enables pupils to access a wide range of degree subjects. University graduates have entered a wide range of professions including journalism, law, medicine, teaching, marketing, management, and the media.

"A human lifespan is less than a thousand months long. You need to make some time to think how to live it."

Examination Board	AQA
Oral %	30%
Exam %	70%

# SPANISH

## Course Summary

The course is studied as a full A Level linear course (two years).

Topics studied are similar to those touched on at GCSE but are studied in more depth. It also includes the study of two literary works comprising one film and one novel/play/selection of poems and the development of independent research skills on a topic of personal interest.

Students will study technological and social change, looking at the multicultural nature of Hispanic society. We will explore the highlights of Hispanic artistic culture, including a focus on Spanish regional identity and the cultural heritage of past civilisations. You will learn about aspects of the diverse political landscape of the Hispanic world. You will also explore the influence of the past on present-day Hispanic communities. Throughout the course you will learn the language in the context of Hispanic countries and issues and influences which have shaped them. You will study both texts and film and will have the opportunity to carry out independent research on an area of your choice.

The department helps students hone their listening, reading, writing and speaking skills in Spanish in lessons and through one-to-one conversation practice with a native speaker.

## Higher Education & Career Options

Studying Spanish will provide you with an impressive and unique portfolio of cultural knowledge, transferable skills and placement experiences that is much valued by employers worldwide. The combination of linguistic ability, intellectual rigour and cultural understanding that you acquire during your A Level makes you employable in a wide range of careers both here and abroad. These include specialist occupations, such as interpreting, translation and teaching, but also industry, business, marketing, finance, the civil service, the UN, law and the media.

# TEXTILES

Examination Board	AQA
Oral %	60%
Exam %	40%

## Course Summary

During the course students will develop their skills in fashion illustration, fabric manipulation, printing, surface pattern design and garment construction.

The A Level is split across two years and is made up of two components, the first being the personal investigation which is worth 60% and the externally set assignment which is 40%.

Students will produce practical and critical/contextual work in one or more areas of textiles, fashion design, fashion textiles, costume design, digital textiles, printed and dyed fabrics, wallpaper, interior design, constructed textiles, art textiles.

At A Level students will learn a greater specialisation in a process or medium, they will make a rigorous exploration to the development of themes ideas and concepts.

*'The course enables the student's autonomy, mastery and creative freedom to develop personalised intentions. As the students engage in both critical and practical investigations, links are made with subjects like Chemistry, History, art and other design disciplines.'*

## High Education & Career Choices

- Fashion design: women's wear/ menswear/ tailoring/ sportswear/ millinery
- Accessory design/ fashion illustration/fashion photography/visual merchandising/
- Pattern cutter/ fashion stylist/ costume design/ Interior design/ textile designer/ footwear designer.

Miss N Lubrani, Textiles Teacher

Examination Board	OCR
Coursework %	42%
Exam %	58%

# OCR CAMBRIDGE TECHNICAL DIGITAL MEDIA

## Course Summary

The OCR Cambridge Technical in Digital Media course is structured so that students cover five units in total which is equivalent to 1 A Level. The topics studied in Years 12 and 13 include:

- Unit 1: Media products and audiences – Exam
- Unit 2: Pre-production and planning – Exam
- Unit 3: Create a media product – Coursework
- Unit 20: Advertising Media – Coursework
- Unit 21 Plan and deliver a pitch for a media product – Coursework
- Plus an additional optional unit internally assessed, coursework.
- The course is great for those students who perform well in a variety of assessment methods.

Students will learn to write up the findings of their own research, use case studies to explore complex or unfamiliar situations, carry out projects for which they have choice over the direction and outcomes and demonstrate practical and technical skills using appropriate tools and processes. Completing this course will give you an opportunity to develop the key skills, knowledge and expertise that will make the difference to you when starting out on a new career or completing higher education.

## Higher Education & Career Options

Studying Digital Media is great for further studies at degree level or media-related apprenticeships.

Careers option include:

- Social media specialist or manager.
- Public relations, marketing or advertising professional.
- Search marketing specialist.
- Multimedia developer or designer.
- Visual journalist.
- Digital entrepreneur or consultant.
- Content strategy specialist, manager, strategist.
- Content developer.

For more information please refer to the OCR website: <https://www.ocr.org.uk/qualifications/cambridge-technicals/digital-media/#level-3>

# BTEC BUSINESS

Examination Board	Edexcel
Coursework %	42%
Exam %	58%

## Course Summary

The BTEC National Extended Certificate in Business course is structured so that students cover four units in total which is equivalent to 1 A Level. The topics studied in Years 12 and 13 include:

The mandatory units are:

- Unit 1: Exploring Business Assessed internally, coursework
- Unit 2: Developing a Marketing Campaign Assessed externally, written task in Year 12
- Unit 3: Personal and Business Finance Assessed externally, written exam in Year 12

Plus an additional optional unit internally assessed, coursework.

The course is great for those students who perform well in a variety of assessment methods.

Students will learn to take theory, use real life business examples to back up their points, argue their points and make a conclusion. It is a great way of finding out what is going on in the world around us and why business do what they do. As the course is assessed through examination as well as coursework students need to be dedicated both inside and outside of lessons to ensure that they meet all internal and external deadlines.

## Higher Education & Career Options

Studying BTEC Business is great for further studies at degree level. Higher Education Courses that our current Year 13 students are moving onto include:

- Business Management and Marketing
- Marketing
- International Business
- Computer Science
- Fashion Buying and Merchandising

For more information please refer to the Pearson website: <https://qualifications.pearson.com/en/qualifications/btec-nationals/business-2016.html#tab-ExtendedCertificate>

*'BTEC Business is a great option for anyone going into the world of work. The course is more practical than a traditional A Level and allows students to bring real life examples into their work. As well as gaining a qualification students are able to develop their team work, communication, literacy, numeracy, problem solving and ICT skills.'*

Miss K Ootim, Head of BEATS Department & BTEC Quality Nominee

Examination Board	Edexcel
Coursework %	33%
Exam %	67%

# BTEC SPORT

## Course Summary

The BTEC National Extended Certificate in Sport course is structured so that students cover four units in total which is equivalent to 1 A Level. The topics studied in Years 12 and 13 include:

The mandatory units are:

- Unit 1: Anatomy and Physiology Assessed externally, written exam
- Unit 2: Fitness Training and Programming Assessed externally, written task
- Unit 3: Development in the Sports Industry Assessed internally, coursework

Plus an additional optional unit internally assessed, coursework.

BTEC Level 3 Nationals Sport courses offer a flexible range of qualifications that can be studied alongside other level 3 qualifications such as A levels or other BTEC Nationals as part of a larger programme of study, or as the main focus of study.

They are designed for Post-16 Level 3 learners wishing to go on to further or higher level study of the sector or directly to employment. All sizes attract UCAS points and are widely recognised by universities and employers.

For more information please refer to the Pearson website: [https://qualifications.pearson.com/content/dam/pdf/BTEC-Nationals/Sport/20161/specification-and-sample-assessments/9781446938096\\_BTEC\\_Nat\\_ExtCert\\_Sport\\_SPEC.pdf](https://qualifications.pearson.com/content/dam/pdf/BTEC-Nationals/Sport/20161/specification-and-sample-assessments/9781446938096_BTEC_Nat_ExtCert_Sport_SPEC.pdf)

Examination Board	AQA
Coursework %	100%
Exam %	0%

# EXTENDED PROJECT QUALIFICATION

## Course Summary

Students choose a topic that interests them that is not already covered by their other qualifications. They must research this area and write a 5000 word essay as well as giving a presentation explaining their discoveries.

This suits independent workers and anyone with a special interest that is not really covered by A Levels or BTECs. It is roughly the equivalent of half an A Level but it is completed as an additional qualification rather than instead of an A Level or BTEC.

## Higher Education & Career Options

This qualification is highly regarded by universities as it very close to undergraduate working styles. Most universities do not accept it as UCAS points but it is great to put on your Personal Statement, especially if you choose a topic related to your proposed university subject.

Examination Board	British Council & Cambridge Assessment
Coursework %	0%
Exam %	100%

# ENGLISH AS AN ADDITIONAL LANGUAGE

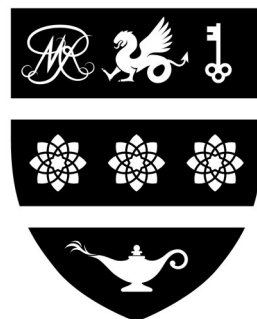
## Course Summary

The IELTS preparation course gives equal weight to the four key language skills: reading; writing; listening and speaking. The course covers a broad range of IELTS topics from local architecture to global problems. Students learn examination techniques for all key IELTS tasks and are given extensive opportunities to practise them. Mock examinations are held at regular intervals and students can take advantage of one-to-one speaking practice. The emphasis in class is on academic English but participation in IELTS classes also gives students an opportunity to improve their general English, address any areas of weakness and learn more about British culture.

## Higher Education & Career Options

Improving your English will boost your A Level grades, help your university and job applications and widen your choice of higher education courses and careers. IELTS is accepted by all British Universities as proof of English proficiency along with many institutions in Australia, New Zealand, the USA and South Africa.





# FARRINGTONS SCHOOL

[www.farringtons.org.uk](http://www.farringtons.org.uk)

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