

Queen Elizabeth's Girls' School
Sixth Form



2015 Entry

Subject Information Booklet

Choosing your subjects:

Be active in making your choices - it is often a good idea to work backwards e.g. go onto UCAS.com (University and Colleges Admissions Service) and research courses. Find out what the entry requirements are being asked for.

Look into the world of work. What jobs are out there that interest you? What will you need to have studied to be considered?

You need to choose courses you would like to follow— it is a good idea to keep in mind the following:

- **what interests you**
- **what you can succeed in**
- **which leads somewhere**
- **specific subjects which are required for specific degrees or careers**

Art	4
AS level Biology	5
A level Biology	6
Business Studies	7
AS level Chemistry	8
A level Chemistry	9
Critical Thinking	10
Dance	11
Drama & Theatre Studies	12
AS level Economics	13
A level Economics	14
English Lang/Lit	15
English Literature	16
Film Studies	17
French	18
Geography	19
Government & Politics	20
History	21
Applied ICT	22
Mathematics	23
Media Studies	24
Music	25
Music Technology	26
Philosophy & Ethics in Religious Studies	27
Physical Education	28
AS level Physics	29
A level Physics	30
Product Design	31
Psychology	32
Sociology	33
Spanish	34

ART



WHAT WILL I NEED BEFORE TAKING THIS COURSE?

The best foundation for success in Art A level is a good grade at GCSE. However, if you have an aptitude for the subject, and are creative or good at drawing, you may have the basic skills to succeed.



ASSESSMENT AND GRADING

AS Component 1 – Externally set task (100% of AS level marks).

- An early release paper will be issued on 1st January and will provide a number of themes, with visual starting points.
- From these, one must be selected, upon which to base a response.

You will have a minimum 8 weeks to explore, experiment & develop ideas for a **10 hr exam**.

A2 Component 1: Personal Investigation (60% of total A level). You will produce one major project; this includes a combination of practical work/1000-3000 word essay relating to your theme.

A2 Component 2: Externally set task (40% of total A level). You will have a minimum 8 weeks to explore, experiment and develop ideas for a **15 hr exam**. The topic will be set by the examination board.



HOW WILL I LEARN?

You will learn much more independently than at GCSE. Most of your learning will be classroom-based in the Art Studios which are solely used by Sixth Formers. You will be given regular weekly homework assignments to help you develop your ideas and skills further, and you will be expected to use the studio in some of your free periods. You will also have the opportunity to visit galleries/museums to develop your knowledge and understanding of Art history.



WHAT CAN I DO AT THE END OF THE COURSE?

A one-year Foundation course in Art & Design is the next stage to studying any visual art-based subject at a higher level. From there you will be able to study Art at degree level. Most degrees are three years.



WHAT WILL I LEARN?

The skills you learn will be varied. These include developing a knowledge of different materials and techniques, how to interpret and convey your ideas and feelings, how to develop your imaginative, analytical and documenting skills, as well as learning a specialist vocabulary and an understanding of Art in history and in contemporary society.

AWARDING BODY	OCR
LEVEL	GCE AS/A2
CONTACT FOR FURTHER DETAILS	
Miss H Price — Head of Art Department	

AS LEVEL BIOLOGY A (H020)



WHAT WILL I NEED BEFORE TAKING THIS COURSE?

Average Grade BB or above in GCSE Core and Additional Science (or a Grade B or above in GCSE Science: Biology). A Grade B or above in English and a Grade B or above in Mathematics.



ASSESSMENT AND GRADING

For AS level, there are two examined modules;

- Breadth in Biology (Worth 50%)
(Worth 50%) 70 marks (1 hour 30 minutes)
- Depth in Biology (Worth 50%)
(Worth 50%) 70 marks (1 hour 30 minutes)

Both papers are sat in June, these count for a total of 100% of the grade of AS Biology.

Currently an overall mark of 80% at AS level represents a Grade A, a Grade E is 40%, with intervening grades at 10% intervals. (The A* Grade is only available at the end of the full A level course, with a 90% score at A level.)



HOW WILL I LEARN?

Lessons involve a mixture of theory and practical activities. A commitment to discussion and study time outside lessons is essential for success in this course.



WHAT WILL I LEARN?

AS Course Outline :

The content is split into four teaching modules:

- Module 1 – Development of practical skills in Biology
- Module 2 – Foundations in Biology
- Module 3 – Exchange and transport
- Module 4 – Biodiversity, evolution and disease

Both components assess content from all four modules.

Module 1 – Development of practical skills in Biology

- 1.1.1 Planning
- 1.1.2 Implementing
- 1.1.3 Analysis
- 1.1.4 Evaluation

Module 2 – Foundations in Biology

- 2.1.1 Cell structure
- 2.1.2 Biological molecules
- 2.1.3 Nucleotides and nucleic acids
- 2.1.4 Enzymes
- 2.1.5 Biological membranes
- 2.1.6 Cell division, cell diversity and cellular organisation

Module 3 – Exchange and transport

- 3.1.1 Exchange surfaces
- 3.1.2 Transport in animals
- 3.1.3 Transport in plants

Module 4 – Biodiversity, evolution and disease

- 4.1.1 Communicable diseases, disease prevention and the immune system
- 4.2.1 Biodiversity
- 4.2.2 Classification and evolution

AWARDING BODY	OCR
LEVEL	GCE AS Level
CONTACT FOR FURTHER DETAILS	
Ms Myrtle — Head of Science	

A LEVEL BIOLOGY A (H420)



WHAT WILL I NEED BEFORE TAKING THIS COURSE?

Average Grade BB or above in GCSE Core and Additional Science (or a Grade B or above in GCSE Science: Biology). A Grade B or above in English and a Grade B or above in Mathematics.



ASSESSMENT AND GRADING

For A level, there are three examined modules;

- Biological processes
(Worth 37%) 100 marks (2 hour 15 mins)
- Biological diversity
(Worth 37%) 100 marks (2 hour 15 mins)
- Unified Biology
(Worth 26%) 70 marks (1 hour 30 mins)
- Practical endorsement in Biology
(non exam assessment, reported separately)

All papers are sat in June of Year 13, which count for 100% of the grade.

Currently an overall mark of 80% at A level represents a Grade A, a Grade E is 40%, with intervening grades at 10% intervals. (The A* Grade is only available at the end of the full A level course, with a 90% score at A2 level.)



HOW WILL I LEARN?

Lessons involve a mixture of theory and practical activities. A commitment to discussion and study time outside lessons is essential for success in this course.



WHAT CAN I DO AT THE END OF THE COURSE?

With a qualification in Biology you could go on to Further or Higher Education, studying Biology or one of the other sciences or related subjects, work in science-based industry such as pharmaceuticals, biotechnology or organisations which are obliged to have a concern for the environment. It is helpful for the medical field, pharmacy and environmental science. Biology is also a well-respected subject in its own right and suitable for entry into a wide range of professions, as success within this field requires good analytical and data processing skills and the ability to express ideas clearly in written English. Our students go on to a wide range of professions.



WHAT WILL I LEARN?

A Level Course Outline :

The content is split into six teaching modules:

Module 1 – Development of practical skills in Biology

- 1.1 Practical skills assessed in a written examination
- 1.2 Practical skills assessed in the practical endorsement

Module 2 – Foundations in Biology

- 2.1.1 Cell structure
- 2.1.2 Biological molecules
- 2.1.3 Nucleotides and nucleic acids
- 2.1.4 Enzymes
- 2.1.5 Biological membranes
- 2.1.6 Cell division, cell diversity and cellular organisation

Module 3 – Exchange and transport

- 3.1.1 Exchange surfaces
- 3.1.2 Transport in animals
- 3.1.3 Transport in plants

Module 4 – Biodiversity, evolution and disease

- 4.1.1 Communicable diseases, disease prevention and the immune system
- 4.2.1 Biodiversity
- 4.2.2 Classification and evolution

Module 5 – Communication, homeostasis and energy

- 5.1.1 Communication and homeostasis
- 5.1.2 Excretion as an example of homeostatic control
- 5.1.3 Neuronal communication
- 5.1.4 Hormonal communication
- 5.1.5 Plant and animal responses
- 5.2.1 Photosynthesis
- 5.2.2 Respiration

Module 6 – Genetics, evolution and ecosystems

- 6.1.1 Cellular control
- 6.1.2 Patterns of inheritance
- 6.1.3 Manipulating genomes
- 6.2.1 Cloning and biotechnology
- 6.3.1 Ecosystems
- 6.3.2 Populations and sustainability

AWARDING BODY	OCR
LEVEL	GCE A Level
CONTACT FOR FURTHER DETAILS	
Ms Myrtle — Head of Science	

BUSINESS STUDIES



WHAT WILL I NEED BEFORE TAKING THIS COURSE?

5 GCSE's at A* - C (including a Grade B in Mathematics). GCSE Business Studies is not a requirement.



ASSESSMENT AND GRADING

The course introduces students to business concepts and theories, which they are then required to apply to examples, stimulus materials and case studies. The reading and analytical writing involved requires a degree of literacy and fluent writing. The mathematical elements and calculations (eg calculating the percentage increase in sales) require solid numeracy skills. There are two exams at AS and two at A2.



HOW WILL I LEARN?

Business Studies AS and A2 will enable candidates to focus on the dynamic nature of the contemporary business world. The course will provide opportunities for research into topical business issues and offer students the opportunities for the development and application of a full range of academic skills.



WHAT CAN I DO AT THE END OF THE COURSE?

A level Business can lead to a variety of opportunities. There is a wide choice of business degrees available at most universities with topics ranging from general business studies to specific business areas such as accountancy, marketing, purchasing and business administration. Some students can focus on Business with a Joint Honours, for example Business and Law.



WHAT WILL I LEARN?

Unit 1 – Planning and Financing a Business:

Types of businesses, what businesses do, what businesses need to operate, why they operate and how they make a profit. This unit focuses on the basics of setting up a small business and the essential resources for doing so.

Unit 2 – Managing a Business:

This builds on the previous unit & will include further study of marketing, accounting & finance (how do companies budget, prevent themselves going bankrupt, decide what to invest in & what to do to make a profit, plus how they actually record their accounts). Students will also look at organisations structure, focusing on departmental areas, which are briefly explained below:

Marketing – the marketing mix including the 4 P's – price, place, promotion and product. Market research, understanding markets and competitive markets.

Finance – calculating costs, revenues and profit, cashflow forecasts, profit and loss statements, budgets and break-even.

Operations – capacity maximisation, capacity utilisation, quality focus and improving efficiency.

Human Resources – staff, motivation, leadership styles and methods of dealing with disputes.

AWARDING BODY	AQA
LEVEL	GCE AS/A2
CONTACT FOR FURTHER DETAILS	
Miss Thomas — Teacher of Business Studies	

AS LEVEL CHEMISTRY A (H032)



WHAT WILL I NEED BEFORE TAKING THIS COURSE?

Average Grade BB or above in GCSE Core and Additional Science (or a Grade B or above in GCSE Science: Chemistry). A Grade B or above in English and a Grade B or above in Mathematics.



ASSESSMENT AND GRADING

For AS level, there are two examined modules;

- Breadth in Chemistry (Worth 50%) (Worth 50%) 70 marks (1 hour 30 minutes)
- Depth in Chemistry (Worth 50%) (Worth 50%) 70 marks (1 hour 30 minutes)

Both papers are sat in June, these count for a total of 100% of the grade of AS Chemistry.

Currently an overall mark of 80% at AS level represents a Grade A, a Grade E is 40%, with intervening grades at 10% intervals. (The A* Grade is only available at the end of the full A level course, with a 90% score at A level.)



HOW WILL I LEARN?

Lessons involve a mixture of theory and practical activities. A commitment to discussion and study time outside lessons is essential for success in this course.

Before beginning the course in September, you would be well-advised to read up on atomic structure and the mole concept, which you will find in any library A level text. These are concepts which give most students a hard time in the first term!



WHAT WILL I LEARN?

AS Course Outline :

The content is split into four teaching modules:

- Module 1 – Development of practical skills in Chemistry
- Module 2 – Foundations in Chemistry
- Module 3 – Periodic table and energy
- Module 4 – Core organic Chemistry

Both components assess content from all four modules.

Module 1 – Development of practical skills in Chemistry

- Practical skills assessed in a written examination

Module 2 – Foundations in Chemistry

- Atoms, compounds, molecules and equations
- Amount of substance
- Acid–base and redox reactions
- Electrons, bonding and structure

Module 3 – Periodic table and energy

- The periodic table and periodicity
- Group 2 and the halogens
- Qualitative analysis
- Enthalpy changes
- Reaction rates and equilibrium (qualitative)

Module 4 – Core organic Chemistry

- Basic concepts
- Hydrocarbons
- Alcohols and haloalkanes
- Organic synthesis
- Analytical techniques (IR and MS)

AWARDING BODY	OCR
LEVEL	GCE AS Level
CONTACT FOR FURTHER DETAILS	
Ms Myrtle — Head of Science	

A LEVEL CHEMISTRY A (H432)



WHAT WILL I NEED BEFORE TAKING THIS COURSE?

Average Grade BB or above in GCSE Core and Additional Science (or a Grade B or above in GCSE Science: Chemistry). A Grade B or above in English and a Grade B or above in Mathematics.



ASSESSMENT AND GRADING

For A level, there are three examined modules;

- Periodic table, elements and physical Chemistry (Worth 37%) 100 marks (2 hour 15 minutes)
- Synthesis and analytical techniques (Worth 37%) 100 marks (2 hour 15 minutes)
- Unified Chemistry (Worth 26%) 70 marks (1 hour 30 minutes)
- Practical endorsement in Chemistry (non exam assessment, Reported separately)

All three papers are sat in June of Year 13, which count for 100% of the grade. Currently an overall mark of 80% at A level represents a Grade A, a Grade E is 40%, with intervening grades at 10% intervals. (The A* Grade is only available at the end of the full A level course, with a 90% score at A2 level.)



HOW WILL I LEARN?

Lessons involve a mixture of theory and practical activities. A commitment to discussion and study time outside lessons is essential for success in this course.



WHAT CAN I DO AT THE END OF THE COURSE?

With a qualification in Chemistry you could go on to Further or Higher Education, studying Chemistry or one of the other sciences or related subjects, or work in science-based industry such as chemical engineering, materials science or biotechnology. It is essential for the medical field, pharmacy and environmental science. Chemistry is also a well-respected subject in its own right and suitable for entry into a wide range of professions.

Before beginning the course in September, you would be well-advised to read up on atomic structure and the mole concept, which you will find in any library A level text. These are concepts which give most students a hard time in the first term!



WHAT WILL I LEARN?

A Level Course Outline :

The content is split into six teaching modules:

Module 1 – Development of practical skills in Chemistry

- Practical skills assessed in a written examination
- Practical skills assessed in the practical endorsement

Module 2 – Foundations in Chemistry

- Atoms, compounds, molecules and equations
- Amount of substance • Acid–base and redox reactions
- Electrons, bonding and structure

Module 3 – Periodic table and energy

- The periodic table and periodicity
- Group 2 and the halogens • Qualitative analysis
- Enthalpy changes
- Reaction rates and equilibrium (qualitative)

Module 4 – Core organic Chemistry

- Basic concepts • Hydrocarbons
- Alcohols and haloalkanes • Organic synthesis
- Analytical techniques (IR and MS)

Module 5 – Physical Chemistry and transition elements

- Reaction rates and equilibrium (quantitative)
- pH and buffers • Transition elements
- Redox and electrode potentials
- Enthalpy, entropy and free energy

Module 6 – Organic Chemistry and analysis

- Aromatic compounds
- Carbonyl compounds
- Carboxylic acids and esters
- Nitrogen compounds
- Polymers
- Organic synthesis
- Chromatography and spectroscopy (NMR)

AWARDING BODY	OCR
LEVEL	GCE A Level
CONTACT FOR FURTHER DETAILS	
Ms Myrtle — Head of Science	

CRITICAL THINKING



WHAT WILL I NEED BEFORE TAKING THIS COURSE?

This is an enrichment course which students complete as an extra AS (in addition to their other AS choices), so ideally you will have achieved very good GCSE grades.



ASSESSMENT AND GRADING

By two written examinations:

Unit 1: Introduction to Critical Thinking.

1 hour 30 minutes—students analyse a simple argument contained in a piece of text and evaluate whether certain individuals and/or organisations in the Media are likely to be telling the truth.

Unit 2: Assessing and Developing Arguments.

1 hour 30 minutes—containing challenging multi-choice questions, and students also create their own arguments.



HOW WILL I LEARN?

Through class activities such as discussing and debating, for example, evaluating arguments in the Media. Also, by examining evidence from disputes and creating your own arguments. You will assess and monitor your own and others' progress. In addition, by applying critical thinking concepts to examples of strong and weak arguments.



WHAT CAN I DO AT THE END OF THE COURSE?

Critical Thinking can lead into any university degree, but is particularly useful if you are considering careers which require high level, precise thinking skills, such as law or science.



WHAT WILL I LEARN?

To analyse and assess the strengths and weaknesses of arguments, identify flaws in arguments and to use precise ways of expressing ideas.

AWARDING BODY	OCR
LEVEL	GCE AS
CONTACT FOR FURTHER DETAILS	
Ms Honeyford - Head of Social Studies	

DANCE



WHAT WILL I NEED BEFORE TAKING THIS COURSE?

A strong background in dance. At least Grade B at GCSE Dance or examinations of equivalent status; for example a good pass at Grade 5 or above in RAD or ISTD or another recognised examination board, plus Grade B at GCSE in English Language. Admission to the Dance course is through interview at Woodhouse. Auditions may be held for this course.



ASSESSMENT AND GRADING

AS Unit 1 – Understanding Dance:
Written exam (40% of AS level marks).

Unit 2 – Choreography and Performance:
(60% of AS level marks).

A2 Unit 3 – Appreciation: Content and Context:
Written exam (25% of total A level marks).

Unit 4 – Group Choreography and Solo Performance:
(25% of total A level marks).



HOW WILL I LEARN?

Weekly sessions at Woodhouse are undertaken in twilight hours to fit in with QEGS tuition for other subjects.

Students need to come with a passion for dance and performance as well as an analytical approach to their own development and appreciate professional works. The course is demanding as it explores practical and academic methods of study.



WHAT CAN I DO AT THE END OF THE COURSE?

Dance is an excellent subject to study in preparation for university or employment. It develops communication and presentation skills that are so vital in a modern working environment. Possible careers: Media, Teaching, Theatre production, Arts development, Social Work.



WHAT WILL I LEARN?

Understanding Dance: This unit comprises two sections. Both practical and theory lessons will focus on the dancer as a performer, the process and craft of choreography and the significance of dances.

Choreography and Performance: Students investigate the process of solo choreography. Students also learn skills for performance of the solo choreography and the duo/trio performance.

Appreciation: Content and Context: Students will study an area of dance through practical and written exploration. They will also study a set work which will be assessed in the form of a written examination.

Group Choreography and Solo: Each student will choreograph a group dance based on a selection of questions. They will also perform a solo piece in the style of an individual practitioner.

AWARDING BODY	AQA
LEVEL	GCE AS/A2
CONTACT FOR FURTHER DETAILS	
Mrs Mann - Teacher in charge of Dance Woodhouse College	

DRAMA AND THEATRE STUDIES



WHAT WILL I NEED BEFORE TAKING THIS COURSE?

A minimum of a Grade B in both GCSE Drama and GCSE English Literature is advised.



ASSESSMENT AND GRADING

AS—There is no written exam at AS level, you are assessed on practical and written coursework, completed under controlled conditions as well as in a performance exam to a visiting examiner.

A2—You will be assessed on practical performance and accompanying written work. You will also undertake a written exam at the end of the course.



HOW WILL I LEARN?

You will work as a director, a deviser, a designer and a performer to develop Drama from script and other stimuli. You will take part in practical workshops and rehearsals as well as engaging in regular 'seminar' style lessons where you will contribute to discussions and make notes. Through this style of learning you will get to grips with Theatre as an art form and understand the development and history of different theatrical movements and styles as well as developing your own skills as a performer.



WHAT CAN I DO AT THE END OF THE COURSE?

Many pupils go on to study Drama, Theatre Studies or Performing Arts at university or drama school. Many university courses value this subject as it imparts critical and analytical skills as well as contributing to communication skills. Pupils have gone on to study courses as diverse as Law and Medicine after studying this course.



WHAT WILL I LEARN?

AS

Unit 1 – Exploration of Drama and Theatre (40% of AS)

Exploration of two contrasting plays and study of a key practitioner.

An evaluation of a live performance.

Unit 2 – Text in Performance (60% of AS)

A practical examination of acting in a directed production of a published play.

The performance of a monologue or duologue.

A2

Unit 3 – Exploration of Dramatic Performance (40% of A2)

A devised performance and written portfolio.

Unit 4 – Theatre Text in Context (60% of A2)

Exploration of a set text and review of theatre performance in an historical period.

AWARDING BODY	Edexcel
LEVEL	GCE AS/A2
CONTACT FOR FURTHER DETAILS	
Miss Hart — Head of Drama	

AS LEVEL ECONOMICS



WHAT WILL I NEED BEFORE TAKING THIS COURSE?

You will need at least a Grade B in both GCSE English Language and GCSE Mathematics. You must be confident about numerical concepts and graphs. You do not have to have studied Business Studies or Economics at GCSE in order to study A level Economics.



ASSESSMENT AND GRADING

There are two exams at AS level taken in June 2015.

Paper 1—Introduction to Markets and Market Failure

Duration : 1 hour 30 mins. 50% of total qualification.

Paper 2—The UK Economy—Performance and Policies

Duration : 1 hour 30 minutes. 50% of the total qualification.



HOW WILL I LEARN?

Students will develop their analytical and logical thinking. You will be required to apply economic theories to real life examples.

Economics is a demanding but very rewarding subject which should appeal to academic students.

You will need to be interested in topical stories about the economy and be prepared to follow such stories in the press and media.



WHAT CAN I DO AT THE END OF THE COURSE?

Most students taking A level Economics intend to go to university, and many take subjects unrelated to Economics. However, a significant number continue to study Economics at degree level, or combine Economics with another subject such as Politics, or choose from a range of related subjects such as Management, Accounts etc. Economists are employed in a wide range of areas including advisory roles in government and business.



WHAT WILL I LEARN?

Edexcel Level 3 Advanced Subsidiary GCE in Economics A

This is structured into two themes :

Theme 1: Introduction to Markets and Market Failure

Theme 2: The UK Economy—performance and policies

There are then two exams :

Paper 1: Introduction to Markets and Market Failure

This will assess microeconomics and questions will be drawn from Theme 1.

There are two sections:

Section A involves multiple choice and short answer questions.

Section B comprises one multiple choice question broken down into a number of parts and a choice of one from two extended open response questions.

Paper 2: The UK Economy—Performance and Policies

This will assess macroeconomics and questions will be drawn from Theme 2.

There are two sections:

Section A comprises of a range of multiple choice and short answer questions.

Section B comprises one data response question broken down into a number of parts. Students also choose one - extended open response question from a choice of two.

AWARDING BODY	Edexcel
LEVEL	GCE AS/A2
CONTACT FOR FURTHER DETAILS	
Mr Royden, Miss Thomas	

A LEVEL ECONOMICS



WHAT WILL I NEED BEFORE TAKING THIS COURSE?

You will need at least a Grade B in both GCSE English Language and GCSE Mathematics. You must be confident about numerical concepts and graphs. You do not have to have studied Business Studies or Economics at GCSE in order to study A level Economics.



ASSESSMENT AND GRADING

There are three exams at A level

Paper 1—Markets and Business Behaviour

Duration 2 hours. 35% of the total qualification.

Paper 2—The National and Global Economy

Duration 2 hours . 35% of the total qualification

Paper 3—Microeconomics and Macroeconomics

Duration 2 hours. 30% of the total qualification.



HOW WILL I LEARN?

Students will develop their analytical and logical thinking. You will be required to apply economic theories to real life examples.

Economics is a demanding but very rewarding subject which should appeal to academic students.

You will need to be interested in topical stories about the economy and be prepared to follow such stories in the press and media.



WHAT CAN I DO AT THE END OF THE COURSE?

Most students taking A level Economics intend to go to university, and many take subjects unrelated to Economics. However, a significant number continue to study Economics at degree level, or combine Economics with another subject such as Politics, or choose from a range of related subjects such as Management, Accounts etc. Economists are employed in a wide range of areas including advisory roles in government and business.



WHAT WILL I LEARN?

Edexcel Level 3 Advanced GCE in Economics A.

The course is structured into four themes:

Theme 1 : Introduction to Markets and Market Failure

Theme 2 : The UK Economy—performance and policies

Theme 3 : Business Behaviour and the Labour Market

Theme 4 : A Global Perspective

There are then 3 exam papers:

Paper 1 Markets and Business Behaviour

This will assess Microeconomics and questions will be drawn from Themes 1 and 3.

The paper includes Multiple choice, short answer questions, data response and open response questions from a choice of two.

Paper 2: The National and Global Economy

This paper will assess macroeconomics and questions will be drawn from Themes 2 and 4. The paper includes Multiple choice, short answer questions, data response and open response questions from a choice of 2.

Paper 3: Microeconomics and Macroeconomics

This will assess content across all 4 Themes.

The paper has two sections and each section comprises one data response question broken up into a number of parts and a open response question from a choice of two.

AWARDING BODY	Edexcel
LEVEL	GCE AS/A2
CONTACT FOR FURTHER DETAILS	
Mr Royden, Miss Thomas	

ENGLISH LANGUAGE / LITERATURE



WHAT WILL I NEED BEFORE TAKING THIS COURSE?

A minimum of Grade B in both English and English Literature GCSEs is advised.



ASSESSMENT AND GRADING

20% coursework

80% examination

This is a two year course with all examinations at the end of the two years.

The coursework will be completed during the two years.



HOW WILL I LEARN?

- Class and group discussion.
- Collaborative and independent learning.
- The acquisition of technical tools with which to analyse language.
- Linguistic analysis of non-fiction and literary texts, including spoken texts.
- Writing for a variety of purposes and audiences.
- Opportunities to explore the relationship of language and literature.
- Appreciation of spoken discourse.

The course will allow students to develop as confident, independent and reflective readers and writers.



WHAT CAN I DO AT THE END OF THE COURSE?

The course can lead to the study of English or any Arts related subject at university.



WHAT WILL I LEARN?

Specifications for A level English Language / Literature have not yet been approved and published.

The new A level English Language / Literature course will be a two year linear course with terminal exams worth 80% and written coursework assignments worth 20%.

Students will study a range of texts throughout the course which demonstrate language use in a variety of contexts.

Students learn how language choices help to shape the representations of different worlds and perspectives in literary fiction. They apply their knowledge to the following:

- prose fiction that constructs imaginary worlds
- poetry that constructs a strong sense of personal perspective

Students will learn about methods of language analysis.

- phonetics, phonology and prosodics – for example, the sounds of real speech and the patterns of
- sound symbolism (rhyme, alliteration, onomatopoeia) that some writers employ
- lexis and semantics – for example, the connotations of words and phrases, metaphor and idiomatic language
- grammar – for example, how the use of pronouns can shape narrative viewpoints
- pragmatics – for example, the assumptions made about listeners/readers by the speaker's/ writer's language choices
- discourse – for example, the way different text types use particular features or routines, including aspects of visual design and layout.

AWARDING BODY	tbc
LEVEL	GCE A2
CONTACT FOR FURTHER DETAILS	
Mrs Madigan or Ms Kenney-Dwyer	

ENGLISH LITERATURE



WHAT WILL I NEED BEFORE TAKING THIS COURSE?

A minimum of Grade B in both English and English Literature GCSEs is advised but exceptions will be made for students who are deemed suitable.



ASSESSMENT AND GRADING

20% coursework

80% examination

This is a two year course with all examinations at the end of the two years.

The coursework essays will be completed during the two years.



HOW WILL I LEARN?

- Independent learning.
- Collaborative learning.
- Individual / paired / group presentations.
- Theatre trips and extra curricular activities, lectures, workshops, study day at the Globe Theatre.
- Formal essays.
- An opportunity to produce creative responses to texts.



WHAT CAN I DO AT THE END OF THE COURSE?

The course can lead to the study of English or any Arts related subject at university.



WHAT WILL I LEARN?

Specifications for A level English have not yet been approved and published.

The new A level English Literature course will be a two year linear course with terminal exams worth 80% and written coursework assignments worth 20%.

Students will study a range of literature texts including:

- A range of poetry, prose and drama.
- At least three texts published before 1900, including at least one text by Shakespeare (e.g. Hamlet).
- At least one work first published or performed after 2000.
- At least one unseen text.

The course will require students to show knowledge and understanding of:

- ways in which texts are interpreted by different readers, including over time.
- ways in which texts relate to one another and to literary traditions, movements and genres.
- the significance of cultural and contextual influences on readers and writers.

Further information about the selected course for September 2015 will be available as soon as possible.

AWARDING BODY	tbc (AQA or OCR)
LEVEL	GCE A Level
CONTACT FOR FURTHER DETAILS	
Mrs Madigan or Ms Kenney-Dwyer	

FILM STUDIES



WHAT WILL I NEED BEFORE TAKING THIS COURSE?

At least a Grade C in GCSE English Language.



ASSESSMENT AND GRADING

Students will be assessed through a coursework unit in Year 12 (40% of the AS) and a written exam in the summer of the first year (60% of the AS).

At A2 the research unit and the short film work represent 50% of the A2 with the exam in the summer of the second year representing the remaining 50% of the A2.



HOW WILL I LEARN?

Students will need to have an enquiring and critical approach to film through :

- Independent learning.
- Micro analysis of a film clip chosen by the student.
- Macro analysis of film genre.
- Comparative analysis of films.
- Group work—especially for the A2 short film.
- Presenting powerpoints with peer feedback.
- Formal essays.
- Individual research day at the BFI Library as part of the small scale research unit.
- Case studies informing students about institutions/producers and audiences of film.
- Creative projects.



WHAT CAN I DO AT THE END OF THE COURSE?

Past students have gone on to study Film, Media, English, Politics, Arts Foundation, Sociology, Design and other Arts related subjects. Some students may want to pursue a more practical film courses and careers in film production and post production.



WHAT WILL I LEARN?

AS

Unit 1 Exploring Film Form - coursework (40% of the total AS marks)

- An analysis of how the aspects of a chosen extract from a film of the candidate's choice produce meanings and responses.
- A creative project - e.g. a short film or a digital storyboard.

Unit 2 British and American Film - 2 hours 30 minutes written paper (60% of the total AS marks)

Section A—Responses to stimulus material concerning producers and audiences of film.

Section B—Topics in British film - for instance in 2014/15 we are looking at British Horror focusing on 3 film texts - Dracula Prince of Darkness, The Wickerman and Plague of the Zombies.

Section C—US Cinema Comparative Study. The students will be required to compare and contrast two films.

A2

Unit 3 A small scale film research and creative project - coursework (25% of the total A level marks)

- A research project based on one director and two/three of his/her films.
- A creative project – a short film approx four minutes long - a group piece.

Unit 4 Written Exam - 2 hours 30 minutes (25% of the total A level marks)

Section A: World Cinema topics

Section B: Spectatorship topics

Section C: Single Film - Critical Study e.g. in 2014/15 we are studying Hitchcock's *Vertigo*.

AWARDING BODY	WJEC
LEVEL	GCE AS/A2
CONTACT FOR FURTHER DETAILS	
Mr Royden - Head of Film Studies	

FRENCH



WHAT WILL I NEED BEFORE TAKING THIS COURSE?

Grade A or above at GCSE. Candidates who obtain a Grade B may be considered depending on their performance in the listening and speaking components of the GCSE exam.



ASSESSMENT AND GRADING

Unit 1 : Spoken expression and response: 15 minutes given to prepare a stimulus for an oral examination in French which include 2 standard questions followed by a variety of questions based on a topic chosen by the student. (15%)

Unit 2 : Understanding and spoken response: A mix of listening and reading tasks of authentic materials based on the AS topics followed by a section with continuous writing. (35%)

Unit 3 : Understanding and spoken response: A debate on a prepared issue and a further discussion of at least three further topic areas. (17.5%)

Unit 4 : Research, understanding and written response: A variety of tasks including a prose style translation, an essay (discursive or creative) research-based task. (32.5%)



HOW WILL I LEARN?

Students are expected to follow an independent listening and reading programme that complements the work covered in lessons. All areas of French grammar are covered from scratch and students regularly watch and analyse the French news. In Year 12, students are encouraged to take part in the one week work experience programme to France. Students have found this element of the course very beneficial.



WHAT CAN I DO AT THE END OF THE COURSE?

Students studying a language at A level are among the most employable. (Unemployment rate is 6%). Future jobs include teaching, translation, interpreting, engineering, travel and tourism, business and marketing but with a language all career paths are open.

There will be a range of opportunities open to you, where you can continue to use and further develop your language skills and knowledge of contemporary society. However you may just use all the invaluable skills learnt through learning another language such as widening your general knowledge, the ability to discuss topical issues, memory and communication skills amongst others.



WHAT WILL I LEARN?

Topics studied include: Relationships, Family, The Generations, Youth Concerns; Education, Training and Employment; Food, Diet and Health; Social Issues; The Media; The Arts; Religion; The Environment and Pollution.

At A2, students will be studying a piece of literature or a film.

AWARDING BODY	AQA
LEVEL	GCE AS/A2
CONTACT FOR FURTHER DETAILS	
Mrs Thevan or Ms Barral Ruiz	

GEOGRAPHY



WHAT WILL I NEED BEFORE TAKING THIS COURSE?

A Grade B in at least one of the following subjects – Geography, History or Religious Studies.



ASSESSMENT AND GRADING

Students will be assessed through four written exams; Global Challenges and Geographical Investigations in June of Year 12; these will contribute towards half of the A level.

At A2, Contested Planet and Geographical Research will be sat in June of Year 13.



HOW WILL I LEARN?

Students will need to have an open, inquiring and critical approach to the subject. The course is demanding and a consistently disciplined approach to study is necessary. Fieldwork is an integral part of the course.



WHAT CAN I DO AT THE END OF THE COURSE?

Statistics show that compared with other subjects, Geographers are among the most employable. Geography unifies the divide between the sciences and the arts and therefore a wide range of career opportunities are available. Possible careers for Geography students include: Teacher, Geologist, Management, The Media, Law, Town Planning, Development Agencies and Journalism.



WHAT WILL I LEARN?

Global Challenges: The meaning, causes, impacts and management of global challenges such as climate change, natural disasters, globalisation and migration.

Geographical Investigations: A closer look at how physical and human issues influence lives and can be managed. Physical Topic: Crowded Coasts. Human Topic: Re-branding Places.

Contested Planet: The use and management of resources is a key issue for geography in today's world. Consumption patterns highlight stark inequalities between regions, countries and groups of people. Topics include: Water Conflicts, Superpower Geographies and Bridging the Development Gap.

Researching Geography: An independent research module, allowing students to focus in more detail on one topic – Pollution and Human Health at Risk.

AWARDING BODY	Edexcel
LEVEL	GCE AS/A2
CONTACT FOR FURTHER DETAILS	
Mrs Beavis – Head of Geography	

GOVERNMENT & POLITICS



WHAT WILL I NEED BEFORE TAKING THIS COURSE?

GCSE English Language Grade B or above plus a GCSE (Grade B or above) in at least one Humanities subject.



ASSESSMENT AND GRADING

Written exam papers (essay-based) with students assessed on their knowledge and understanding, analysis and interpretation and communication skills.



HOW WILL I LEARN?

- Class based discussion, debate and developing writing and exam skills.
- After-school revision and support classes.
- One-on-one tutorials.
- Out of school learning has included trips to Parliament, Party Conferences and political theatre.



WHAT WILL I LEARN?

- **People, Politics and Participation (AS)** - including elections, voting behaviour, political parties and pressure groups.
- **Governing Modern Britain (AS)** - including how laws are made and the work of the Prime Minister and Parliament.
- **Ideologies (A2)** - political theories of Liberalism, Socialism, Conservatism and Fascism and their influence on British politics.
- **Political Issues (A2)** - debating political issues such as the economy, the environment, education and ethnic and gender equality.

AWARDING BODY	AQA
LEVEL	GCE AS/A2
CONTACT FOR FURTHER DETAILS	
Mr Kovar – Teacher in charge of Government and Politics	



WHAT CAN I DO AT THE END OF THE COURSE?

Related degree subjects include Politics, Philosophy, Social Policy, Economics and Law. Relevant future careers include Public Affairs, The Civil Service, Parliament and The Law.

HISTORY



WHAT WILL I NEED BEFORE TAKING THIS COURSE?

Minimum of a GCSE Grade B in History and in English Language.

Except in exceptional circumstances, students who have not studied History at GCSE will not be able to take the subject at A level.



ASSESSMENT

*There are separate qualifications for AS level and A level. Both of these will be new for September 2015.

*All students will take AS History exams at the end of Year 12 and A2 History exams at the end of Year 13.

*The AS consists of two examined units taken at the end of year 12. Unit 1 consists of a 2hr 15 minutes exam and is worth 60% of the qualification. Unit 2 consists of a 1hr 30 minutes exam and is worth 40% of the qualification.

*Although the topics studied at AS are the same as the first two units of the A level, AS grades do not contribute to A level grades.

*The actual questions in the AS Year 12 exams are different to those of the Year 13 A level exams in units 1 & 2.

*The A level is an entirely separate qualification to the AS. The four components are three examined units, Papers 1, 2, 3 and the Coursework unit. Units 1 & 3 are worth 30% each and units 2 & 4 are worth 20% each.

*Students taking A level exams will sit all their A level exams at the end of Year 13.



WHAT CAN I DO AT THE END OF THE COURSE?

- It helps us understand the world in which we live.
- It develops skills of understanding, analysis, comprehension, synthesis and presentation and it is a well respected academic subject.
- It is a good launching point for doing Humanities, Arts and Law degrees at university.
- It is useful for a career in Law, Journalism, Leisure & Tourism, Administration, Research, Teaching, Media, the Civil Service, Local Government and elsewhere.



WHAT WILL I LEARN?

*Across your A level studies you will study a 200 year period of British, European and World History

*Year 12 (AS and A level) - Mr Fielder Paper 1 – 1H: Britain Transformed 1918-97 (30%) Unit 1 is a breadth study assessed by two extended writing essays which test breadth of understanding, as well as a compulsory source question.

*Year 12 (AS and A level) - Mr Clarkson Paper 2 – 2H.1: The USA c1920-55: Boom, Bust and Recovery (20%) Unit 2 is a depth study and comprises of a two part source based question and an essay question.

*Year 13 (A level only) - Miss Field and Miss Madden Paper 3 – 36.2: Ireland and the Union c1774-1923 (Depth & Breadth study) (30%) Unit 3 is an examined unit which comprises of a source based question, an essay assessing understanding of the period in breadth and an essay assessing understanding of the period in depth.

*Year 13 (A level only) - Miss Madden and Miss Field will also teach Paper 4 the coursework task.



HOW WILL I LEARN?

Typical lessons may involve:

- Discussion
- Debate/Argument
- Investigating controversy
- Group-work
- Making notes
- Looking at sources
- Empathy / Role-Play
- Presentations

AWARDING BODY	EDEXCEL
LEVEL	GCE AS/A Level
CONTACT FOR FURTHER DETAILS	
Mr Clarkson — Head of History or any other member of the History department.	

APPLIED ICT



WHAT WILL I NEED BEFORE TAKING THIS COURSE?

GCSE in ICT at Grade B or above (OCR National/ DiDA Merit grade). Students who have not studied ICT at GCSE Level will be considered on an individual basis.



ASSESSMENT AND GRADING

AS level:

- 66% coursework
- 33% examination

A2 level:

- 100% coursework

All of the above are graded from A-E.

Our students enjoy a high level of success, with most students achieving grades above their target grades.



HOW WILL I LEARN?

You will learn in a practical, 'hands on' way, making use of group work and learning how to problem solve. You will work on engaging coursework tasks, with scope to take advantage of your own creativity and interests.



WHAT CAN I DO AT THE END OF THE COURSE?

The course links well with higher education, including the study of ICT and Computing at college or university level. This is also an excellent course for those wishing to improve their practical ICT skills beyond GCSE level, supporting your study of other subjects.



WHAT WILL I LEARN?

At AS level, you will learn how ICT is used in the real world and you will get the opportunity to develop your existing ICT skills to a more advanced level. Then, at A2 level, you will learn project management techniques to help you manage your own ICT project. You will also study desktop publishing and you will learn more advanced multimedia editing skills using Flash. An overview of the units of study are listed below:

AS units:

- G040: Using ICT to communicate
- G041: How organisations use ICT
- G042: ICT solutions for individuals and society

A2 units:

- G048: Working to a brief
- G050: Publishing
- G051: Interactive multimedia

ICT is suitable for those wishing to boost their ICT skills and productivity as well as those with a keen interest in the subject.

AWARDING BODY	OCR
LEVEL	GCE AS/A2
CONTACT FOR FURTHER DETAILS	
Mr Laing — Head of ICT Ms McCarthy or Miss Berman	

MATHEMATICS



WHAT WILL I NEED BEFORE TAKING THIS COURSE?

For A level Maths, students will need at least a Grade B at GCSE. All pupils are required to attend the "Introduction to AS Mathematics" lesson, which will take place during the Sixth Form Induction Day at the end of June 2015. All pupils are required to complete the "Head Start to AS Maths" work book as preparation for the AS course. This strengthens the A / A* material in the GCSE syllabus which is an essential prerequisite of the course.

Further Maths is offered as an extra AS level, with the option to continue to A2 in Year 13. Students will need an A* Grade to study this because it is an accelerated course; completing six modules at the end of the first year, instead of three. Therefore, at the end of Year 12, students will gain an AS level in Maths and an AS level in Further Maths.



ASSESSMENT AND GRADING

Year 12 Course Outline (leading to Maths AS level)
Three modules. C1, C2 and S1 are examined in June.

Alternative Year 12 Course Outline (leading to Maths AS level and Further Maths AS level)
Six modules. C1, C2, D1, S1, S2 and FP1 are examined in June.

Year 13 Course Outline (leading to Maths A2 level)
Three modules. C3, C4 and M1 are examined in June.

Alternative Year 13 Course Outline (leading to Maths A2 level and Further Maths A2 level)
Six modules. C3, C4, D2, M1, M2 and FP2 are examined in June.

An average mark of 80% at AS level represents a Grade A, 70% is a Grade B, 60% is a Grade C, 50% a Grade D and 40% an E Grade. An A* Grade is available with an average mark of 90% at A2 level with a compulsory minimum of 90% in C3 and in C4.



HOW WILL I LEARN?

Lessons include theory and practice, problem solving and group work. Being able to talk through set questions and solutions with class mates is highly desirable and students should aim to be independent learners and committed to working through practice questions. A formal assessment will be completed after each chapter of work to ensure there is thorough understanding and help identify any misconceptions. You need an ability to think clearly and produce systematic solutions. The work needs to be covered at a regular and steady pace, since the topics are inter-dependent. There is some written work with Statistics but on the whole, the subject provides a good contrast to heavily essay-based subjects.



WHAT CAN I DO AT THE END OF THE COURSE?

Students studying A level Maths are widely recognised as going on to earn a higher than average salary. Career opportunities include engineering, teaching, accountancy, insurance, actuarial work and business. However, the skills developed in Maths lend themselves very well to many and varied jobs; analytical skills, problem solving skills, communication skills, etc.



WHAT WILL I LEARN?

Year 12 Maths

Module C1 – Pure Maths 1

Algebra and functions, sequences and series, coordinate geometry, differentiation and integration.

Module C2 – Pure Maths 2

As C1, plus trigonometry, exponentials and logarithms.

Module S1 – Statistics 1

Representing and summarising data, probability, correlation and regression, distribution.

Year 12 Further Maths (in addition to the above modules)

Module D1 – Decision Maths 1

Algorithms, graphs and networks, critical path analysis, linear programming and matchings.

Module S2 – Statistics 2

Binomial and Poisson distributions, normal approximations, populations and samples and hypothesis testing.

Module FP1 – Further Pure Maths 1

Equations, inequalities, complex numbers and matrices.

Year 13 Maths

Module C3 – Pure Maths 3

Algebra and functions, coordinate geometry, trigonometry, exponentials and logarithms, differentiation, numerical methods.

Module C4 – Pure Maths 4

As C3, plus sequences and series, integration and vectors.

Module M1 – Mechanics 1

Kinematics, dynamics, statics, moments and vectors.

Year 13 Further Maths (in addition to the above modules)

Module D2 – Decision Maths 2

Further linear programming, cost matrix reduction, travelling salesman problem and game theory.

Module FP2 – Further Pure 2

First and second order differential equations, further complex numbers and coordinate systems.

Module M2 – Mechanics 2

Kinematics, centres of mass, work, energy and power, collisions, statics of rigid bodies.

AWARDING BODY	Edexcel
LEVEL	GCE AS/A2
CONTACT FOR FURTHER DETAILS	
Mr Greenwood — Head of Mathematics	

MEDIA STUDIES



WHAT WILL I NEED BEFORE TAKING THIS COURSE?

At least a Grade C in GCSE English Language.



ASSESSMENT AND GRADING

The Foundation Production Module accounts for 50% of the AS. The summer exam accounts for the other 50% of the AS.

For A2 the marks are again equally divided between the Advanced Production and the summer examination.



HOW WILL I LEARN?

Typical lessons may involve:

- Independent learning.
- Collaborative learning - there is the opportunity for this with the foundation and advanced portfolio.
- Individual / paired presentations.
- Cinema trips and study days.
- An opportunity to deconstruct media texts.
- Practical skills – filming and editing and involving final cut express and garageband. Plus still image work using photoshop for image manipulation and illustrator for text manipulation.



WHAT CAN I DO AT THE END OF THE COURSE?

Past students have gone on to study, Media, Film English, Politics, Arts Foundation, Sociology, Design and other Arts related subjects. Some students may want to pursue a more practical film courses and careers in media production and post production.



WHAT WILL I LEARN?

The main aspect of the AS Foundation Production involves the production of the opening two minutes of a movie including titles. As part of your preparation you also need to produce a continuity exercise to demonstrate the ability to produce a number of techniques including shot/reverse/ shots.

The AS Media Concepts examination in the summer is divided into two parts. For the first part the students have to deconstruct an extract from a TV drama – with the students making notes whilst being shown the clip four times. Then the students have an hour and a half to analyse the extract focusing on a specific area of representation, and then to answer an essay question based on their newspaper case study.

The Advanced Portfolio at A2 concerns producing a marketing portfolio for a new album to include a music promo for a single, the packaging for a digi-pack, and a music magazine advertisement. For the A2 Critical Perspectives in Media examination you will apply media theories to your AS and A2 Practical Portfolios. You will also study media censorship and regulation through case studies on newspaper libel laws and self censorship, computer game censorship issues, and issues arising from film board classification.

AWARDING BODY	OCR
LEVEL	GCE AS/A2
CONTACT FOR FURTHER DETAILS:	
Mr Royden — Head of Media Studies	

MUSIC



WHAT WILL I NEED BEFORE TAKING THIS COURSE?

Admission to the Music course is through interview at Barnet A Level Music Centre (Woodhouse College) and the usual Music GCSE Grade asked is for B or A at GCSE. Occasionally proof of passing theory and practical ABRSM exams (approximately to Grade 5 level) may be acceptable instead.



ASSESSMENT AND GRADING

The Music AS and A2 courses both have a 40% listening and appraising exam, 30% performance paper and 30% composition.

Year 12

- Unit 1 Performing 30%
- Unit 2 Composing 30%
- Unit 3 Listening 40%

Year 13

- Unit 4 Performance Recital 30%
- Unit 5 Composition & Technical Study 30%
- Unit 6 Listening 40%



HOW WILL I LEARN?

Weekly sessions take place at Barnet A Level Music Centre (Woodhouse College) and are undertaken in twilight hours to fit in with QEGS tuition for other subjects.

The course comprises of a mixture of practical activities alongside learning about traditional harmony, composition styles and study of set works in the Anthology of Music.

An hour long lesson of backup support to the work undertaken at Woodhouse is timetabled with Mr Nathan at QEGS. Working on harmony, understanding of musical vocabulary and performance skills are just some of the topics covered in these lessons.

Enrichment events such as participation in the Royal Albert Hall concert, chamber music workshops and visits to performances are also organised. All Music A level students are encouraged to perform at QEGS in school concerts and events such as the Media Arts evening and outreach music-making.



WHAT CAN I DO AT THE END OF THE COURSE?

This music qualification can lead to many forms of study and careers afterwards. Teaching, performing, music administration, community music leading and music therapy are just some of the careers available in this field.



WHAT WILL I LEARN?

In the Music AS and A2 you will learn an in depth use of musical terminology and vocabulary and apply it to listening and creative work. You will study set works taken from an anthology of music and analyse and identify features within them.

Your composition skills will be developed with basic harmony SATB writing initially and through genre based briefs which are set by Edexcel.

In AS and A2 there are 3 units, both weighted similarly.

Year 12

- Unit 1 Performance 30%
- Unit 2 Composition 30%
- Unit 3 Listening 40%

Year 13

- Unit 4 Performance 30%
- Unit 5 Composition 30%
- Unit 6 Listening 40%

AWARDING BODY	Edexcel
LEVEL	GCE AS/A2
CONTACT FOR FURTHER DETAILS	
Mr Nathan — Head of Music QEGS Ms Barnes — Director of Music Course, Woodhouse College	

MUSIC TECHNOLOGY



WHAT WILL I NEED BEFORE TAKING THIS COURSE?

Admission to the Music Technology course is through interview at Barnet A Level Music Centre (Woodhouse College) where the course is taught to QEGS students as well as students from other schools in the Borough. Ideally you should have an A or B grade at Music GCSE and some experience of music technology but alternative qualifications such as approximately Grade 5 in practical or theory music exams.



ASSESSMENT AND GRADING

Year 12 UNIT 1—70%

Submission of recordings, MIDI files of all 3 pieces. Completion of logbook.

You are allowed a maximum of 20 hours to complete each piece of work.

UNIT 2—30%

This is a listening and written exam in May of Year 12 testing your knowledge of the areas and topics studied. This is 1 hour 45 minutes and is taken at QEGS.

Year 13 UNIT 3—60%

Here the assessment consists of submission of 3 pieces of coursework:

A sequenced integrated performance.

Multi Track recording. A composition.

All 3 recordings are assessed and a logbook about the tasks. You have a maximum of 20 hours to complete each task.

UNIT 4—40%

A practical and listening exam in May of Year 13.



HOW WILL I LEARN?

This course is essentially practical with 70% being based on musical technology techniques. You will learn about recordings and arranging using a range of programmes. The unit 2 involves studying features and styles of popular music since 1910.

The Year 13 course looks at music technology in practice and elements and principles of technology which are tested in the unit 4 exam. The unit 3 which is the largest part of the course (60%) focuses on sequencing, multi tracking and composing in more depth.

Whilst the bulk of the course is timetabled at Woodhouse College you will receive an hour long support lesson with music staff at QEGS. You will also be encouraged to participate in music performances at school and Woodhouse as well as music outreach events.



WHAT CAN I DO AT THE END OF THE COURSE?

This music qualification can lead to many forms of study and career after school. Although a relatively new course, music technology is very popular at universities and colleges and can lead to work in many fields—broadcasting, recording, performing, teaching and music administration.



WHAT WILL I LEARN?

UNIT 1 Music Technology Portfolio 70%

Here you learn to multi track, sequence creatively and realise a sequenced performance.

UNIT 2 In the listening exam you will learn basic notational theory and identify features of technological and musical developments in popular music from 1910.

In Year 13 the 2 units are again taken in the form of coursework and an exam although the latter is practical in nature.

UNIT 3 is a Music Technology Portfolio where you produce a sequenced integrated performance, a multi track recording and a composition using technology.

UNIT 4 Here the focus of what you will learn is based around music technology in practice and the principles of technology. This is learnt so you can apply it in a series of tasks in the exam.

AWARDING BODY	Edexcel
LEVEL	GCE AS/A2
CONTACT FOR FURTHER DETAILS	
Mr Nathan — Head of Music QEGS Ms Barnes — Director of Music Course, Woodhouse College	

PHILOSOPHY AND ETHICS IN RELIGIOUS STUDIES



WHAT WILL I NEED BEFORE TAKING THIS COURSE?

Either Grade B in GCSE RS or Grade B in GCSE English.



ASSESSMENT AND GRADING

The course is demanding and a consistently disciplined approach to study is necessary. There will be regular assignments and timed essays throughout the course.

The AS modules are taken as written exams both taken in the June session. For a certificate for Advanced Subsidiary GCE, students will have studied for and been assessed in two AS units.



HOW WILL I LEARN?

The course involves discussion, debate, presentations and developing written skills needed for the exam. It also involves extensive reading and note taking, as this is essential for a comprehensive understanding of the philosophical theories. There will be tutorials and revision sessions to prepare for the exams.



WHAT CAN I DO AT THE END OF THE COURSE?

Many subjects go well with Philosophy & Ethics: for example English, History, Politics, Critical Thinking, Sociology, Geography and Psychology. Philosophy & Ethics can be a useful complement to science subjects. The skills developed in Philosophy & Ethics are particularly useful for careers in law, education, politics, medicine, administration or the media.



WHAT WILL I LEARN?

Year 12

Module G571 – Philosophy of Religion

This module begins with a study of Ancient Greek philosophers Plato and Aristotle and the Judeo-Christian influences on the philosophy of religion. The existence of God is examined through the teleological and cosmological argument and challenges to them by Hume, Mill and Darwin. Also the problem of evil and suffering are posed as a challenge to the nature of God.

Module G572 – Religious Ethics

This module is a study of the ways in which people make moral decisions, and the influences of religious belief on morality. Students will study classic ethical theories including Natural Law, Utilitarianism and Virtue ethics with arguments from philosophers including Kant, Aquinas and Singer. The applied ethics component includes a study of some contemporary moral issues in medical ethics – abortion, euthanasia, the right to life, and the right to have a child.

Year 13

Module G581 – Philosophy of Religion

This module includes units on the use of religious language, religious experience and the evidence and interpretation of religious miracles. Also the nature of the soul and the post mortem existence is explored as well as the attributes and nature of God.

Module G582 – Ethical Studies

This unit investigates meta-ethics, the concept of freewill, the role of the conscience, and the applied ethics of sexual relationships, the environment and in business.

Full details of the specification can be found at www.ocr.org.uk and following the links to RS.

AWARDING BODY	OCR
LEVEL	GCE AS/A2
CONTACT FOR FURTHER DETAILS	
Miss Southwell — Head of Religious Studies	

PHYSICAL EDUCATION



WHAT WILL I NEED BEFORE TAKING THIS COURSE?

Students must have taken GCSE PE as a pre requisite achieving a Grade C in the theory exam and as an overall grade. They are also required to have a Grade C in Science. Practically they must participate in 2 sports at school or club level.



ASSESSMENT AND GRADING

Year 12 : AS UNIT

Unit 1 (G451) Content – 60%

Unit 2 (G452) Practical – 40%

Year 13 : A2 UNIT

Unit 1 (G453) - Optional topics – 60%

Unit 2 (G454) - Improvement of performance – 40%

Coursework (Practical)



HOW WILL I LEARN?

The course is based on the interaction between the theory and practice of Physical Education. The focus of AS/A level Physical Education is on participation and performance in physical activity as part of a balanced, active and healthy lifestyle.



WHAT CAN I DO AT THE END OF THE COURSE?

Provides an excellent foundation for students who wish to pursue careers in teaching and coaching, sports development, the leisure industry, recreational management, the health and fitness industry and professional sport.



WHAT WILL I LEARN?

Year 12 : AS UNIT

Unit 1 (G451)

Anatomy and Physiology
Acquiring Movement Skills
Socio-Cultural Studies relating to PE and sport

Unit 2 (G452) Practical

Assessed in two chosen activities
Analysis of performance (Live) in ONE assessed activity

Year 13 : A2 UNIT

Unit 1 (G453) – Optional topics

Section A

A1 - Historical Studies

Section B (scientific):

B1 – Sports Psychology

B3 – Exercise & Sport Physiology

Unit 2 (G454)

Assessment in one sport from AS
Evaluation and Analysis of this sport (live)

Coursework (Practical)

Candidates build upon the skills acquired and developed in AS unit 'Acquiring, developing and evaluating practical skills in Physical Education'. In one of their chosen activities and work towards responding to a 'live' performance in their own assessed activity.

AWARDING BODY	OCR
LEVEL	GCE AS/A2
CONTACT FOR FURTHER DETAILS	
Miss Thomas — Head of PE	

AS LEVEL PHYSICS A (HI56)



WHAT WILL I NEED BEFORE TAKING THIS COURSE?

Average Grade BB or above in GCSE Core and Additional Science (or a Grade B or above in GCSE Science: Physics). A Grade B or above in English and a Grade B or above in Mathematics.



ASSESSMENT AND GRADING

For A level, there are two examined modules;

- Breadth in Physics
(Worth 50%) 70 marks (1 hour 30 minutes)
- Breadth in Physics
(Worth 50%) 70 marks (1 hour 30 minutes)

Both papers are sat in June, these count for a total of 100% of the grade of AS Physics.

Currently an overall mark of 80% at AS level represents a Grade A, a Grade E is 40%, with intervening grades at 10% intervals. (The A* Grade is only available at the end of the full A level course, with a 90% score at A level.)



HOW WILL I LEARN?

Lessons involve a mixture of theory and practical activities. A commitment to discussion and study time outside lessons is essential for success in this course.

*Before beginning the course in September, you would be well-advised to read :
Head Start to AS Level Physics by CGP*



WHAT WILL I LEARN?

The content is split into four teaching modules:

- Module 1 – Development of practical skills in Physics
- Module 2 – Foundations of Physics
- Module 3 – Forces and motion
- Module 4 – Electrons, waves and photons

Both components assess content from all four modules.

Module 1 – Development of practical skills in Physics

1.1 Practical skills assessed in a written examination

Module 2 – Foundations of Physics

2.1 Physical quantities and units

2.2 Making measurements and analysing data

2.3 Nature of quantities

Module 3 – Forces and motion

3.1 Motion

3.2 Forces in action

3.3 Work, energy and power

3.4 Materials

3.5 Newton's laws of motion and momentum

Module 4 – Electrons, waves and photons

4.1 Charge and current

4.2 Energy, power and resistance

4.3 Electrical circuits

4.4 Waves

4.5 Quantum physics

6.2 Electric fields

6.3 Electromagnetism

6.4 Nuclear and particle physics

6.5 Medical imaging

6.3.1 Ecosystems

6.3.2 Populations and sustainability

AWARDING BODY	OCR
LEVEL	GCE AS Level
CONTACT FOR FURTHER DETAILS	
Ms Myrtle — Head of Science	

A LEVEL PHYSICS A (H556)



WHAT WILL I NEED BEFORE TAKING THIS COURSE?

Average Grade BB or above in GCSE Core and Additional Science (or a Grade B or above in GCSE Science: Physics). A Grade B or above in English and a Grade B or above in Mathematics.



ASSESSMENT AND GRADING

For A level, there are three examined modules;

- Modelling Physics
(Worth 37%) 100 marks (2 hour 15 minutes)
- Exploring Physics
(Worth 37%) 100 marks (2 hour 15 minutes)
- Unified Physics
(Worth 26%) 70 marks (1 hour 30 minutes)
- Practical endorsement in Physics
(non exam assessment, Reported separately)

All papers are sat in June of Year 13, which count for 100% of the grade. Currently an overall mark of 80% at A level represents a Grade A, a Grade E is 40%, with intervening grades at 10% intervals. (The A* Grade is only available at the end of the full A level course, with a 90% score at A2 level.)



HOW WILL I LEARN?

Lessons involve a mixture of theory and practical activities. A commitment to discussion and study time outside lessons is essential for success in this course.



WHAT CAN I DO AT THE END OF THE COURSE?

Physics lends itself to a wide range of career opportunities including engineering, power generation, medicine, research and development. However, the analytical and problem-solving skills that you will develop will greatly enhance your employment prospects with any organisation.

*Before beginning the course in September, you would be well-advised to read :
Head Start to AS Level Physics by CGP*



WHAT WILL I LEARN?

A Level Course Outline :

The content is split into six teaching modules:

Module 1 – Development of practical skills in Physics

- 1.1 Practical skills assessed in a written examination
- 1.2 Practical skills assessed in the practical endorsement

Module 2 – Foundations of Physics

- 2.1 Physical quantities and units
- 2.2 Making measurements and analysing data
- 2.3 Nature of quantities

Module 3 – Forces and motion

- 3.1 Motion
- 3.2 Forces in action
- 3.3 Work, energy and power
- 3.4 Materials
- 3.5 Newton's laws of motion and momentum

Module 4 – Electrons, waves and photons

- 4.1 Charge and current
- 4.2 Energy, power and resistance
- 4.3 Electrical circuits
- 4.4 Waves
- 4.5 Quantum physics

Module 5 – Newtonian world and astrophysics

- 5.1 Thermal physics
- 5.2 Circular motion
- 5.3 Oscillations
- 5.4 Gravitational fields
- 5.5 Astrophysics and cosmology

Module 6 – Particles and medical Physics

- 6.1 Capacitors
- 6.2 Electric fields
- 6.3 Electromagnetism
- 6.4 Nuclear and particle physics
- 6.5 Medical imaging
 - 6.3.1 Ecosystems
 - 6.3.2 Populations and sustainability

AWARDING BODY	OCR
LEVEL	GCE A-Level
CONTACT FOR FURTHER DETAILS	
Ms Myrtle — Head of Science	

PRODUCT DESIGN

PRODUCT DESIGN, TEXTILES AND GRAPHICS

'Product Design' is the umbrella term used to describe the design of products whether these are **Textiles driven, Graphics driven or a Resistant Material** (wood, metal, plastic, smart or composite). This course allows you to explore design in the way that simulates design in the real world. You will have access to specialist teachers from each of the areas listed above so that you can develop a product that explores any number of materials. Because the course is set up in this way you are able to decide during the course which area you would like to specialise in.



WHAT WILL I NEED BEFORE TAKING THIS COURSE?

If you want to follow this course then ideally you should have achieved at least a Grade C in one of the GCSE D&T subjects, but we are prepared to negotiate. It is a subject that complements Maths, Physics, Chemistry, Biology and Art.



ASSESSMENT AND GRADING

Unit 1 – Design & Make Task (Year 12)

Coursework style project which makes up 60% of your AS grade (30% of your A level).

You will produce a design portfolio and 'design thinking' sketch book that includes hand drawn design, inspirational images, CAD design work and multimedia content. You will also produce a 'final product' based on a brief of your choice. This could be a Textiles product, a Graphic product or a product made from a Resistant Material.

Unit 2 – Exam (Year 12)

40% of your AS grade (20% of your A level).

This is a 'Product Design' exam with open questions that allows you to answer from either a Textiles, Graphics or Resistant Material perspective.

Unit 3 – Major Project (Year 13)

This is worth 30% of your A level and consists of an in-depth design and make task where you are given the opportunity to work with a range of materials, machinery and processes to produce a high quality product. You will explore all areas of the design process from setting your own brief, developing and exploring your ideas, manufacturing your final product and then marketing it in the form of an advertising campaign.

Unit 4 – Exam (Year 13)

This is worth 20% of your final grade and is a written paper that explores your knowledge of the materials and industrial processes used in your chosen discipline.



HOW WILL I LEARN?

You will learn through a mixture of theory and practical lessons focussing on creativity and innovation. You will work in teams and individually to explore and debate your design challenges.



WHAT CAN I DO AT THE END OF THE COURSE?

This course is for you if you are looking toward a career in the creative industry including product design and development, fashion and textiles, Graphic Design, Web Design, Architecture or Engineering.



WHAT WILL I LEARN?

You will be taught how to develop a design project from beginning of the design problem through to realisation of your product and advertising it to your target market. You will work much more independently than you did at GCSE but will have full use of the workshops and the Sixth Form D&T room for independent working and study.

AWARDING BODY	WJEC
LEVEL	GCE AS/A2
CONTACT FOR FURTHER DETAILS	
Mr Petrie, Miss Pearson, Ms Kyriacou	

PSYCHOLOGY



WHAT WILL I NEED BEFORE TAKING THIS COURSE?

Basic GCSE requirements for 'Advanced' level study (see 'Entrance Requirements') to include at least a Grade C in Maths, a Grade C in English and a Grade C in Science.



ASSESSMENT AND GRADING

AS LEVEL

Paper 1: Social and Cognitive Psychology, 1.5 hour exam 50% of AS

Paper 2: Biological and Learning Theories, 1.5 hour exam, 50% of AS

A2 LEVEL:

Unit 1 - Fundamentals of Psychology: how people behave in groups; memory, biological psychology + theories of learning

Written paper 2 hours = 35% of total marks.

Unit 2 - Applications of Psychology: Clinical and Criminal or Child Psychology

Written paper 2 hours = 35% of total marks.

Unit 3 - Psychological Skills: Research Methods, Review of Studies, Issues and Debates

Written paper 2 hours = 30% of total marks.



HOW WILL I LEARN?

By applying scientific principles when carrying out investigations and analysing psychological research and theory. Class activities e.g. debates, discussions, role-plays. By questioning 'common sense' ideas people have about human behaviour and critically examining psychological evidence.



WHAT CAN I DO AT THE END OF THE COURSE?

Psychology can lead into almost any degree at university. It is particularly useful for those considering a 'people orientated' career in the future.



WHAT WILL I LEARN?

AS Topics may include: Eye-witness testimony, false memories, learning theories and autism.

A2 Topics may include: Offender profiling, schizophrenia, case studies, research methods and debates.

AWARDING BODY	Edexcel
LEVEL	GCE AS/A2
CONTACT FOR FURTHER DETAILS	
Ms Honeyford — Head of Social Studies	

SOCIOLOGY



WHAT WILL I NEED BEFORE TAKING THIS COURSE?

Students are expected to have obtained at least a Grade C in English Literature and Language and a Grade C in Science. Furthermore, students should have an active interest in reading as the course tests knowledge and understanding as well as the ability to evaluate key theorists.



ASSESSMENT AND GRADING

Students will sit two exam papers for the AS syllabus. There is no coursework.

Paper 1 :

SCLY1 Research Methods and Families and Households

Exam: June 2015

50% of AS

Written paper, 1 hour. 30 minutes —60 marks

Paper 2 :

SCLY2 Education with Methods In Context

Exam: June 2015

50% of AS

Written paper, 1 hour . 30 minutes —60 marks



WHAT WILL I LEARN?

Students will learn two units within the year.

Unit 1 SCLY1—Research Methods and Families and Households.

Students must examine the following areas:

- quantitative and qualitative methods of research; research design.
- sources of data, including questionnaires, interviews, participant and non-participant observation, experiments, documents and official statistics.
- the distinction between primary and secondary data, and between quantitative and qualitative data.
- the relationship between positivism, interpretivism and sociological methods; the nature of 'social facts'.
- the relationship of the family to the social structure and social change, with particular reference to the economy and to state policies.

Unit 2 SCLY2 - Education with Methods In Context

Students are expected to be familiar with sociological explanations of the following content:

- the role and functions of the education system, including its relationship to the economy and to class structure
- differential educational achievement of social groups by social class, gender and ethnicity in contemporary society.



WHAT CAN I DO AT THE END OF THE COURSE?

Sociology can lead into almost any degree at university. It is particularly useful for those considering a 'people orientated' career in the future, such careers include education, law, policing, PR and public policy.

AWARDING BODY	AQA
LEVEL	GCE AS/A Level
CONTACT FOR FURTHER DETAILS	
Mr Blyth or Mr Young — Teachers of Sociology	

SPANISH



WHAT WILL I NEED BEFORE TAKING THIS COURSE?

A Grade A at GCSE or above. Candidates who obtain a Grade B may be considered depending on their performance in the listening and speaking components of the GCSE exam.



ASSESSMENT AND GRADING

Unit 1 : Spoken expression and response: 15 minutes given to prepare a stimulus for an oral examination in Spanish which include 2 standard questions followed by a variety of questions based on a topic chosen by the student. (15%)

Unit 2 : Understanding and spoken response: A mix of listening and reading tasks of authentic materials based on the AS topics followed by a section with continuous writing. (35%)

Unit 3 : Understanding and spoken response: A debate on a prepared issue and a further discussion of at least three further topic areas. (17.5%)

Unit 4 : Research, understanding and written response: A variety of tasks including a prose style translation, an essay (discursive or creative) research-based task. (32.5%)



HOW WILL I LEARN?

Students are expected to follow an independent listening and reading programme, that complement the work covered in lessons. All areas of Spanish grammar are covered from scratch and students regularly watch and analyse the Spanish news. In Year 12, students are encouraged to take part in the one week work experience programme to Spain. Students have found this element of the course very beneficial.



WHAT CAN I DO AT THE END OF THE COURSE?

Students studying a language at A level are among the most employable. (Unemployment rate is 6%). Future jobs include teaching, translating, interpreting, engineering, travel and tourism, business and marketing but with a language all career paths are open.

There will be a range of opportunities open to you, where you can continue to use and further develop your language skills and knowledge of contemporary society. However you may just use all the invaluable skills learnt through learning another language such as widening your general knowledge, the ability to discuss topical issues, memory and communication skills amongst others.



WHAT WILL I LEARN?

Topics studied include: Relationships, Family, the Generations, Youth Concerns; Education, Training and Employment; Food, Diet and Health; Social issues; The Media; The Arts; Religion; The Environment and Pollution. At A2, students will be studying a piece of literature or a film.

AWARDING BODY	AQA
LEVEL	GCE
CONTACT FOR FURTHER DETAILS	
Mrs Thevan or Ms Barral Ruiz	

A Level Reforms and QE Sixth Form

A levels are being reformed in two initial phases to make all A levels linear – this means that all exams will be taken at the end of the two years of study.

The AS is being de-coupled from the A level qualification. You will still be able to take AS qualifications but as the new linear A levels are introduced the AS level will not count towards the final A level. Currently the AS makes up half of the marks for the whole A2 qualification.

Phase one subjects (for teaching from Sept 2015) are English Language, English Literature, English Language and Literature, History, Biology, Chemistry, Physics, Psychology, Art & Design, Economics, Business and Sociology.

Phase two subjects (for teaching from Sept 2016) Maths, Further Maths, (although big pressure from the Maths working party to move to Sept 2017 to come in line with when new GCSE will have been examined) Modern and Ancient Languages, Geography, Dance, Drama & Theatre, Music, PE and Religious Studies.

At QEGS Sixth Form we are going to offer all students 4 subjects in Year 12 and all students will take an AS in their subjects in May / June of Year 12; even if the subject you are taking is a new 'linear' one. This is because of the mixed economy we are going to have to run until all the A level subjects are on the new Linear specifications.

Students might be taking a mixture of new and old, all new or all old style qualifications so to make it easier for the students to understand the process we are going to keep the 'take 4 then drop to 3 in Year 13' model. This will allow students to have AS results on their UCAS application which is what the universities have said they like to see; it will also allow students the opportunity to start with four and not have to decide the final three at the start of their advanced level studies.