



An Ashmole Academy Trust School
Excellence is a Habit

Post 16 Subject Information Booklet





ASHMOLE ACADEMY

An Ashmole Academy Trust School
Excellence is a Habit

Cecil Road Southgate
London N14 5RJ

Tel: 020 8361 2703

Fax: 020 8368 0315

Email: office@ashmoleacademy.org

Web: www.ashmoleacademy.org

CEO

Mr D Brown MA. MBA. DipEd

Associate Head Teacher

Mr T Sullivan

Deputy Head Teachers

Mr B Dhinsa

Deputy Head:

Educational Standards/Behaviour

Miss J Hart

Deputy Head:

Outstanding Teaching and Learning

Mr S El Sayed

Deputy Head:

Head of Sixth Form and Curriculum

Chair of Governors

Mr J Bradbury



Derrick Brown

CEO

Education
is about
preparing
young
people for
their future

Dear Post 16 Students and Parents/Carers

Welcome to Ashmole Academy. I trust that our Sixth Form Prospectus will help you make the most appropriate decision about continuing education Post 16.

Ashmole is a high performing 11-19 mixed school that seeks to provide the highest quality of education and the highest standard of academic success for its students. We have around 1570 students on roll including a Sixth Form of around 330 students. We place emphasis on all areas of the curriculum being highly successful. However, within that, we seek to stress extracurricular Music and at the Sixth Form level, Science and Maths as particular aspects of the schools provision.

At Ashmole Academy, young people are valued. We regard academic success as vital and work very hard to ensure that all students fulfil their true potential. We have very high expectations from all our students. Ashmole Academy is also a caring school. We create an environment of tolerance and respect where aspirations and responsibilities of individuals are emphasised. We expect students to show care and respect for others.

Close co-operation between the home and school is essential if our young people are to gain the maximum benefit from their schooling. The school's strong pastoral support system enables us to develop effective home-school relationships that are beneficial to the student concerned.

Education is about preparing young people for their future. Our students leave school to go to university, college or to start a career in their chosen field of employment. To assist in the preparation for that future, the school has an extensive Sixth Form provision covering a wide range of courses, career facilities and a well proven system for helping our young people with their university applications. We also have a dedicated able, gifted and talented team to ensure that aspirational Oxbridge students or those wishing to pursue a career in medicine for example, are highly successful in their ambition.

Ashmole is a forward looking school, keen to strive for further improvements in the quality of education we provide. We recognise that the quality of facilities can help students excel. We therefore have the very best in terms of accommodation and resources providing superb opportunities for the students to increase their enjoyment of school life, as well as having the latest teaching opportunities. In 2014, the new Sixth Form Centre, with a Starbucks Café, a social learning area and a high tech study centre suitable for e-learning was opened.

I thank you for considering Ashmole and hope that the information provided in this prospectus enables you to make the best choice for you in terms of courses and institution for continued education Post 16.

Derrick Brown

CEO

Ashmole Academy is a No Smoking Site.

The information contained in this Prospectus was correct at the time of publication. The school reserves the right to make changes in the best interest of maintaining high standards.

■ Contents

Subject	Page
Art & Design – Fine Art	6-7
Biology	8-9
Chemistry	10-11
Computer Science	12-13
Design & Technology: Product Design	14-15
Drama & Theatre Studies	16-17
Economics	18-19
English Literature	20
Further Mathematics	21
Geography	22
History	24-25
Mathematics	26
Media Studies	28-29
Modern Foreign Languages	30-31
Music	32-33
Physical Education	34
Physics	36-37
Psychology	38-39
Religion, Philosophy & Ethics	40-41
Sociology	42-43
Business Studies – <i>BTEC Extended Diploma</i>	44





Senior Team





Art & Design – Fine Art

ADVANCED LEVEL

Examination Board:

EDEXCEL

Syllabus No:

A-level: 9FA0

■ Course Content

Syllabus	Component	Weighting	Method of assessment
A-level Fine Art 9FA0	Unit 1 Incorporates three major elements: supporting studies, practical work, and a Personal study	60% of the total qualification	Internally set, assessed by the teacher and externally moderated.
	Unit 2 Externally set assignment	40 % of the total qualification	Externally set, assessed by the teacher and externally moderated.

Assessment Objectives and Weightings

All student work will be assessed against the following Assessment Objectives. Assessment Objectives are equally weighted in both qualifications.

Students are expected to keep work journals throughout the course. They are expected to fulfil all 4 assessment objectives within both Units.

Assessment Objectives		% in GCE
A01	Develop ideas through sustained and focused investigations informed by contextual and other sources, demonstrating analytical and critical understanding	25%
A02	Explore and select appropriate resources, media, materials, techniques and processes, reviewing and refining ideas as work develops	25%
A03	Record ideas, observations and insights relevant to intentions, reflecting critically on work and progress	25%
A04	Present a personal and meaningful response that realises intentions and, where appropriate, makes connections between visual and other elements	25%

■ Assessment

Externally set assignment

It is internally assessed, and externally moderated. The Externally Set Assignment will be delivered in January. Students can then begin their preparatory studies based on a given theme, culminating in the final 15-hour period of sustained focus under examination conditions.

■ Teaching Styles

Team teaching offers students a variety of teaching styles, personalities and expertise. Teaching styles embrace formal whole class and individual tutorials. The course emphasises the importance of self-directed student based research, experimentation and creative exploration, during study times and homework, as well as within the classroom. Students are expected to participate in individual/group evaluation and review of their own work and others work. Gallery visits are an important part of the course and attending a Life Drawing course is encouraged.

■ Career Opportunities

Many students following an Art A-level course do not necessarily intend to pursue a specifically Art based career. Some take the subject as an opportunity to develop a personal talent or interest, as a way of enriching an otherwise academic course. Many degree courses can be accessed with Art as an A-level. An ever enriching number of combined degree courses feature Art with another compatible subject e.g. Business Studies, English, European Studies, Drama, History and Media. There are also many specifically Art based career opportunities, e.g. Graphic Design, Product Design, Theatre Design, Advertising, Illustration and Architecture.



Biology

ADVANCED LEVEL

Examination Board:

AQA

Syllabus No:

A-level: 7402

■ Course Content

The AQA A-level Biology specification gives students a seamless transition from GCSE to university courses in Biology and Biology-related disciplines. It maintains students' enthusiasm for Biology and develops their interest in the subject. The practical endorsement offers practical and investigative experience throughout the two years of study.

You will study the concepts of biological molecules, cells, how organisms exchange substances with their environment and genetic information, variation and relationships between organisms during the first year. In the second year, you will learn about energy transfers in and between organisms, how organisms respond to changes in their internal and external environments, genetics, populations, evolutions and ecosystems and finally the control of gene expression.

There is an emphasis on developing key practical skills and you will carry out a number of required practicals throughout the two years. On successful completion, you will gain a practical skills accreditation which is given alongside your grade. The accreditation does not affect your overall grade.

In this linear A-level course, you will complete three examinations at the end of Year 13. The first paper covers topics 1-4 and will also contain practical skills questions. The second paper covers topics 5-8, with the third paper covering content from topics 1-8 and relevant practical skills.

The Biology specification places greater emphasis on mathematical content. At least 10% of marks in Biology assessments will require the use of mathematical skills.

■ Core Content

1. Biological Molecules.
2. Cells.
3. Organisms exchange substances with their environment.
4. Genetic information, variation and relationships between organisms.
5. Energy transfers in and between organisms.
6. Organisms respond to changes in their internal and external environments.

7. Genetics, populations, evolution and ecosystems.

8. The control of gene expression.

■ Assessment

Paper	Sections	Duration	Outline	Weighting
1	1 – 4, including relevant practical skills.	2 hours	91 marks (76 marks a mixture of long and short answer questions, 15 marks comprehension question).	35%
2	5 – 8, including relevant practical skills.	2 hours	91 marks (76 marks a mixture of long and short answer questions, 15 marks comprehension question).	35%
3	1 – 8, including relevant practical skills.	2 hours	78 marks (38 marks: structured questions, including practical techniques, 15 marks: critical analysis of given experimental data, 25 marks: one essay from a choice of two titles.	30%

■ Teaching Styles

In Biology you develop practical skills, by planning experiments, collecting data, analysing experimental results and making conclusions. You will also learn how scientific models are developed, the applications and implications of science, the benefits and risks that science brings and the ways in which society uses science to make decisions.

■ Career Opportunities

Biology opens the doors to a wide range of careers including: Doctor, Vet, Ecologist, Geneticist Researcher, Conservationist, Teacher.



Chemistry

ADVANCED LEVEL

Examination Board:

AQA

Syllabus No:

A-level: 7405

Course Content

Advanced Chemistry aims to show the ways in which Chemistry is used and the work that Chemists do. The course includes looking at the frontiers where the latest developments are taking place with basic chemical principles drawn from modern applications in industry, everyday life and the environment.

Students will study a range of chemical concepts which are grouped into the following topic areas:

▶ **Physical Chemistry**

This includes the study of Atomic Structure, Bonding, Energetics, Kinetics, Thermodynamics and Equilibria amongst others.

▶ **Inorganic Chemistry**

The study of the trends and groups of the periodic table.

▶ **Organic Chemistry**

The study of different homologous series and functional groups. Students will also explore the different methods of synthesis and analytical techniques.

In addition to this basic syllabus, students will also be examined on practical skills that they develop throughout the two years.

Students are provided with an online course book in conjunction with a pack containing data and target sheets.

Homework is a necessary part of the course, and students can expect at least 2 assignments each week, which represents 5 hours work. Independent study tasks are also set every two weeks, which develop study and research skills necessary for the subject.

Assessment

Students will sit 3 examinations at the end of Year 13. These are detailed in the following table:

Paper	Content Assessed	Duration	Weighting	
1	Physical Chemistry	2 hours	105 marks Short and long answer questions	35%
2	Physical Chemistry Organic Chemistry Practical Skills	2 hours	105 marks Short and long answer questions	35%
3	Any Content	2 hours	90 marks (40 marks Practical techniques and analysis of data. 20 Marks testing across the specification 30 marks multiple choice questions)	30%

Teaching Styles

A-level Chemistry is taught by a team of teachers. A variety of teaching styles is evident with practical sessions aimed at reinforcing theory.

Students will develop their skills in the following areas:

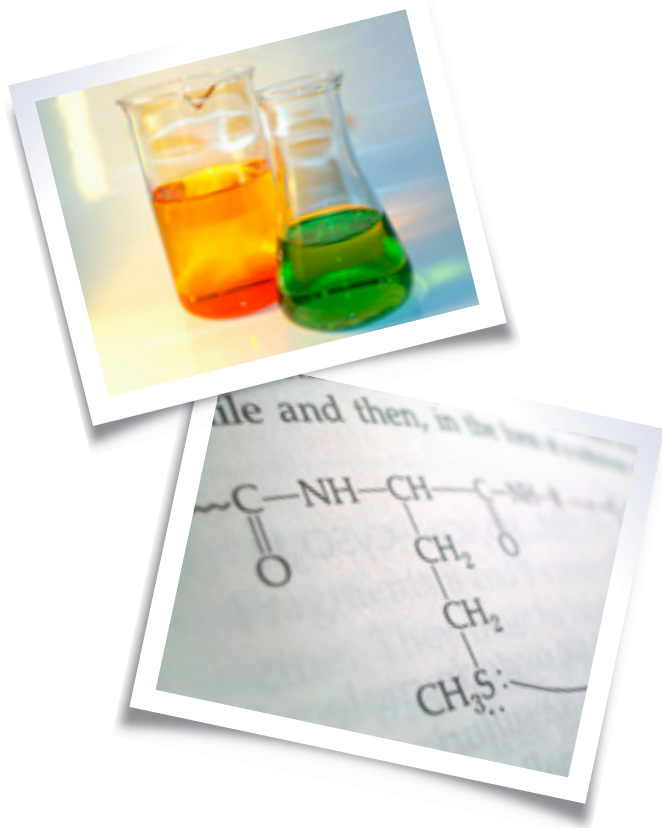
- ▶ Laboratory experiments, both open ended and prescriptive
- ▶ Finding and using a range of resources
- ▶ Independent learning
- ▶ Preparing and giving a presentation
- ▶ Discussion in groups
- ▶ Data handling
- ▶ Model making

- ▶ Computer-linked work involving modelling, word processing, spreadsheets etc.

■ Career Opportunities

Chemistry forms an obvious link with many other subject areas. For this reason Ashmole students often include Chemistry within a diverse range of A-level studies. The course provides an excellent grounding for those students who choose to pursue a career in Chemistry or a related subject. The majority of Ashmole students enter university on completion of the A-level course.

The range of courses and careers that incorporate Chemistry is limitless. Medicine, Pharmacy, Teaching, Nursing and Public Health are only a few of the careers in which Chemistry is an essential ingredient.



Computer Science

ADVANCED LEVEL

Examination Board:

AQA

Syllabus No:

A-level: 7517

■ Course Content

The A-level Computer Science specification requires students to think in both concrete and abstract terms, spanning both theory and practice. You will study the technical aspects of hardware and networking, alongside concepts of programming. There is also a significant focus on computational thinking – a style of reasoning used by both machines and humans, which is useful in problem solving.

It is recommended that students choosing to study this subject at A-level, should have the skills and knowledge associated with a GCSE Computer Science course or equivalent.

■ Core Content

1. Fundamentals of programming
2. Fundamentals of data structures
3. Systematic approach to problem solving
4. Theory of computation
5. Fundamentals of data representation
6. Fundamentals of computer systems
7. Fundamentals of computer organisation and architecture
8. Consequences of uses of computing
9. Fundamentals of communication and networking
10. Fundamentals of databases
11. Big Data
12. Fundamentals of functional programming
13. Systematic approach to problem solving
14. Non-exam assessment – the computing practical project.

■ Assessment objectives and weighting

Section	What is assessed	How is it assessed	Weighting
Paper 1	Ability to program as well as subject content from 1-4 above and the skills required from section 13 above.	On screen examination Short questions and write/adapt/extend programs. 2 hours 30 minutes	40%
Paper 2	Subject content from 5-12 above.	Written examination Short-answer and extended-answer questions. 2 hours 30 minutes	40%
Non-exam assessment	Ability to use the knowledge and skills gained through the course to solve or investigate a practical problem.	Computing practical project. 75 marks	20%

■ Teaching Styles

In Computer Science, you will work both independently and with others. Your teacher(s) will encourage you to pre-learn content covered in lessons and deliver the subject content to you through a range of methods that promote interactive learning.

Lessons will focus on the theory behind data, computing and look at how algorithms are used. Lesson tasks, study tasks and homeworks will centre around problem solving.

■ Career Opportunities

Computers are central to so many key tasks in our everyday lives; therefore, individuals who are able to demonstrate computational thinking and are proficient in problem solving are highly sought after. Content and skills from Computer Science overlaps with both Mathematics and the Sciences.

An A-level in Computer Science can lead to an undergraduate course in a computing, science or engineering related discipline. Career pathways are broad and well remunerated. They include jobs such as Computer Programmer, Software Developer, Hardware Engineer, Systems Analyst, IT Architect, Security Analyst, Nanotechnologist and IT Consultant.



Design & Technology: Product Design

ADVANCED LEVEL

Examination Board:
EDEXCEL

Syllabus No:
A-level: 9DT0

■ Course Content

This is suitable for students seeking to develop their designing and making skills to a more advanced and complex level. The course encourages creativity whilst ensuring that students have a good body of knowledge and understanding from which to design and make. The course has significantly changed and now encompasses the content of the previous A-level courses of Graphic Products and Resistant Materials to provide students with a broader understanding of products, materials and design. This wider understanding will provide students with a better foundation of knowledge in order to progress to Level 4 courses.

There are two units altogether (Coursework and Theory) which are weighted; 50% for the written theory paper (component 1) and 50% for coursework (component 2).

This course is suited to students who have taken GCSE in Technology.

■ Assessment

Exam	NEA (non-examined assessment)
50% of total grade 120 Marks Written examination 2.30 hrs Topic 1: Materials Topic 2: Performance characteristics of materials Topic 3: Processes and techniques Topic 4: Digital technologies Topic 5: Factors influencing the development of products	50% of total grade 120 Marks The investigation report is internally assessed and externally moderated. Students will produce a substantial design, make and evaluate a project which consists of a portfolio and a prototype. The portfolio will contain four parts:

Exam	NEA (non-examined assessment)
Topic 6: Effects of technological developments Topic 7: Potential hazards and risk assessment Topic 8: Features of manufacturing industries Topic 9: Designing for maintenance and the cleaner environment Topic 10: Current legislation Topic 11: Information handling, modelling and forward planning Topic 12: Further processes and techniques.	Part 1: Identifying and outlining possibilities for design Identification and investigation of a design possibility, investigation of client/end user needs, wants and values, research and production of a specification. Part 2: Designing a prototype Design ideas, development of design idea, final design solution, review of development and final design and communication of design ideas. Part 3: Making a final prototype Design, manufacture and realisation of a final prototype, including tools and equipment and quality and accuracy. Part 4: Evaluating own design and prototype Testing and evaluation.

■ Teaching Styles

In Design & Technology you will work both independently and with others in order to: research, analyse, design, manufacture and evaluate new and existing products. Students will have a special designated area and a workshop to work in during free periods and study sessions, which is just for the Sixth Form. Lockers and

individual shelving will be provided so that practical work can be stored. During this time, tools and equipment can be used, and a booking-in system for extra help and support with the technician is also provided. Computers and an A3 colour printer are also available. Students will need to be able to work independently on their practical work with supervision and guidance from their teachers.

■ Career Opportunities

Architecture, Product Design, Surveying, Interior Design, Furniture Design, Vehicle Design, Garden Design, Computer Animation, Set Design, Packaging Design, Engineering, Advertising and Graphic Design.



Drama & Theatre Studies

ADVANCED LEVEL

Examination Board:

EDUQAS

Syllabus No:

A-level A690QS

■ Course Content

Students will learn how to use their knowledge and understanding of theatrical forms to explore and perform plays. They will learn how plays relate to the contexts in which they are created and performed.

Students will study the ways in which plays are interpreted by different directors, designers, performers and audiences. They will need to acknowledge that drama and theatre texts have a range of intentions and meanings.

A range of plays will be studied for both practical examination purposes and for the written examination. This will include an in depth study of the texts explored from the point of view of a director and will require research into the production, its history and influences.

As part of the A-level course students will be required to create an original play from the stimulus provided, using the devising process and the appropriate theatrical terms. They will need to reflect upon this process and describe their experiences.

Students will be given the opportunity to visit the theatre over the two years of the course and are encouraged to see a variety of Drama in performance. They must reflect upon this, analysing the success of the performance for its target audience.

■ Assessment

Component 1: Theatre Workshop

Non-exam assessment: internally assessed, externally moderated.
20% of qualification.

Learners will be assessed on their acting and will participate in the creation, development and performance of a piece of theatre based on a reinterpretation of an extract from a text chosen from a list supplied by the exam board. The piece must be developed using the techniques and working methods of either an influential theatre practitioner or a recognised theatre company.

Learners must produce:

- ▶ a realisation of the performance
- ▶ a creative log

Component 2: Text in Action

Non-exam assessment: externally assessed by a visiting examiner.
40% of qualification.

Learners will be assessed on their acting and will participate in the creation, development and performance of two pieces of theatre based on a stimulus supplied by the exam board.

- ▶ a devised piece using the techniques and working methods of either an influential theatre practitioner or a recognised theatre company (a different practitioner or company to that chosen for Component 1).
- ▶ an extract from a text in a different style chosen by the learner.

They must realise their performance is live for the visiting examiner. Learners produce a process and evaluation report within one week of completion of the practical work.

Component 3: Text in Performance

Written examination: 2 hours 30 minutes.

40% of qualification.

Sections A and B

Open book: Clean copies (no annotation) of the two complete texts chosen must be taken into the examination.

Two questions, based on two different texts, one written pre-1956 and one written post-1956.

Section C

Closed book: The extract of text required for answering the questions will be printed on the examination paper. A question based on a specified extract from:

The Curious Incident of the Dog in the Night-Time by Mark Haddon, adapted by Simon Stephens.

Details of the 10-15 minute extract will be released during the first week of March, in the year in which the examination is to be taken.

■ Teaching Styles

The Eduqas course allows us to put an emphasis on Drama as a practical, intellectual and artistic subject with practical exploration of social, cultural and historical context.

We promote the constructing of Drama as a means of enquiry and communication and to encourage critical analysis through the making of informed judgments as part of the drama process.

Reflective practice is at the heart of the skills so that personal experience, knowledge and skills used in the creating and exportation of Drama is integrated to develop a deeper understanding of subject.

■ Career Opportunities

The course is designed to provide a stepping-stone towards any career in the theatre industry. As well as teaching key skills in acting, devising and designing, the course also provides an excellent theatrical grounding for a degree in Drama and English and English Literature. Knowledge and understanding developed during the course can, however, be usefully applied to a diverse range of higher education courses including Law, Communications, Teaching and Journalism to name a few. The skills developed in A-level Drama and Theatre enable students to develop vital skills for all degrees and career prospects. These include becoming confident individuals, excellent problem solvers, team workers, public speakers, creative, analytical and critical thinkers.



Economics

ADVANCED LEVEL

Examination Board:

EDEXCEL

Syllabus No:

A-level: A (9ECO)

It is important that students have an interest in economic affairs and a desire to explore why and how the study of Economics contributes to an understanding of the modern world.

■ Course Content

A-level

Theme 1: Introduction to Markets and Market Failure

- ▶ Nature of economics
- ▶ How markets work
- ▶ Market failure
- ▶ Government intervention

Theme 2: The UK Economy – Performance and Policies

- ▶ Measures of Economic Performance
- ▶ Aggregate demand
- ▶ Aggregate supply
- ▶ National income
- ▶ Economic growth
- ▶ Macroeconomic objectives and policy.

Theme 3: Business Behaviour and the Labour Market

- ▶ Business Growth
- ▶ Business objectives
- ▶ Revenues, costs and profits
- ▶ Market structures
- ▶ Labour market
- ▶ Government intervention.

Theme 4: A Global Perspective

- ▶ International economics
- ▶ Poverty and inequality
- ▶ Emerging and developing economies
- ▶ The financial sector
- ▶ Role of the state in the macroeconomy

■ Assessment

Paper	Name	Duration	Weighting
1	Markets and Business Behaviour	2 hours	35%
2	The National and Global Economy	2 hours	35%
3	Microeconomics and Macroeconomics	2 hours	30%

■ Teaching Styles

The first consideration is that Economics is a “living subject” which is subject to constant change. The teaching style must reflect these important characteristics. Thus students will:

- ▶ Study texts and theory
- ▶ Extensively use case studies
- ▶ Be kept constantly up to date with newspapers
- ▶ Be encouraged to visit places of current interest e.g. banks, industrial locations
- ▶ Be assessed in a variety of ways e.g. essay writing, multiple choice and data response work.

Thorough classwork and preparation for external assessment, key skills will be developed in communication, numeracy, IT, problem solving, working with others, planning and critical thinking. The nature of the subject means that students must keep up to date with current economic affairs, as well as develop an insight into a range of important markets within both the UK and the global economy.

■ Career Opportunities

Students with A-level Economics have access to a wide range of possible career and higher education opportunities. You learn and use a variety of transferable skills throughout the course. These include:

- ▶ Collection and analysing economic information from different sources
- ▶ Development of written communication skills
- ▶ Development of problem solving and evaluation skills

These skills are in great demand and are recognised by employers, universities and college as being of great value. Economics combines well with a range of Social Science and Humanities subjects to lead to University courses in such areas as Law, Business, Accounting, Politics, and of course, Economics.



English Literature

ADVANCED LEVEL

Examination Board:

OCR

Syllabus No:

A-level: H472

■ Course Content

A-level in English Literature aims to encourage students to develop their interest in and enjoyment of literature and literary studies. They are expected to read widely and independently both set texts and others that they have selected for themselves. They should engage critically and creatively with a substantial body of texts and ways of responding to them. Students will develop and effectively apply their knowledge of literary analysis and evaluation in writing. They will also explore the contexts of which texts are written and received and evaluate interpretations of those texts.

■ Assessment

There are 3 components to the A-level.

Component 1: This examination has two sections. Section 1 focuses on Shakespeare's play *The Tempest* and you will be required to answer two questions. The first requires you to analyse an extract from the play, the second asks you to write an evaluative response to a statement about the whole play.

In Section 2, you will compare an aspect of a drama text (*The Duchess of Malfi* by John Webster) and a poetry text (*Paradise Lost: Books Nine and Ten* by John Milton). You will be expected to be able to comment on and make detailed reference to the whole of each text.

Component 2: This examination has a series of questions based on a range of genres. You will answer two questions based on our chosen genre, Gothic Literature.

Question 1 requires you to write a critical appreciation of an unseen text relating to the genre being studied. This will require a significant understanding and experience of the genre and its tropes.

Question 2 requires you to write an analytical response about the genre by comparing two texts studied in class: *Frankenstein* by Mary Shelley and *The Bloody Chamber* by Angela Carter. A broad knowledge of the genre is vital and you will be required to read other Gothic texts to broaden your knowledge.

Component 3: Coursework. Task 1 is a close analysis of a chosen extract (1000 words) or poem. Task 2 compares two literary texts (2000 words). Our current texts include poetry by Carol Ann Duffy, *A View from the Bridge* by Arthur Miller and *The Road* by Cormac McCarthy.

Between the two tasks, one poetry, one prose and one drama text must be studied.

■ Teaching Styles

Students must be confident and enthusiastic readers as they embark upon the course. Each of the exams are 'closed text' so in order for students to be able to select the most appropriate materials to answer the question in detail under the pressure of an exam setting, it is vital that you have read each core text multiple times. This familiarity will enable you to apply your knowledge in the most evaluative and analytical way. In addition, you will be expected to engage with a range of reading materials such as essays, literary journals and articles, biographies and other texts from similar authors and genres. This breadth of knowledge and experience is vital to your success and will require a significant commitment to reading outside of your lessons.

Lessons will hone your analytical skills and enable you to develop breadth in your ideas, using your reading outside of the classroom to inform conversations with your teacher and other students. The techniques of effective annotation, summarising ideas, evaluation, collation of information from a range of sources and essay construction are all taught explicitly.

■ Career Opportunities

English Literature is one of the facilitating subjects for the Russell group universities. Students who study English Literature go on to a wide range of careers including Journalism, the Civil Service, Teaching, Advertising and Public Relations. The development of student response in a sympathetic and structured way is of great value in the student's own personal development.

Further Mathematics

ADVANCED LEVEL

■ Course Content

The course is designed to introduce students to a wide range of analytical techniques, with a greater emphasis on their application of skills to a range of practical problems. Over two years you will be introduced to content in three different areas of Mathematics: Pure, Further Statistics and Further Mechanics.

The Pure course includes:

- ▶ Complex numbers
- ▶ Proof
- ▶ Matrices
- ▶ Further Algebra and Functions
- ▶ Further Calculus
- ▶ Further Vectors
- ▶ Polar Coordinates
- ▶ Hyperbolic Functions
- ▶ Differential Equations

The Further Statistics course includes:

- ▶ Discrete Probability
- ▶ Poisson and Binomial distributions
- ▶ Geometric and Negative Binomial distributions
- ▶ Hypothesis Testing
- ▶ Central Limit Theorem
- ▶ Chi Squared Test
- ▶ Probability Functions
- ▶ Quality of Tests

The Further Mechanics course includes:

- ▶ Momentum and Impulse
- ▶ Work, Energy and Power
- ▶ Elastic Springs and Strings
- ▶ Collisions

■ Assessment

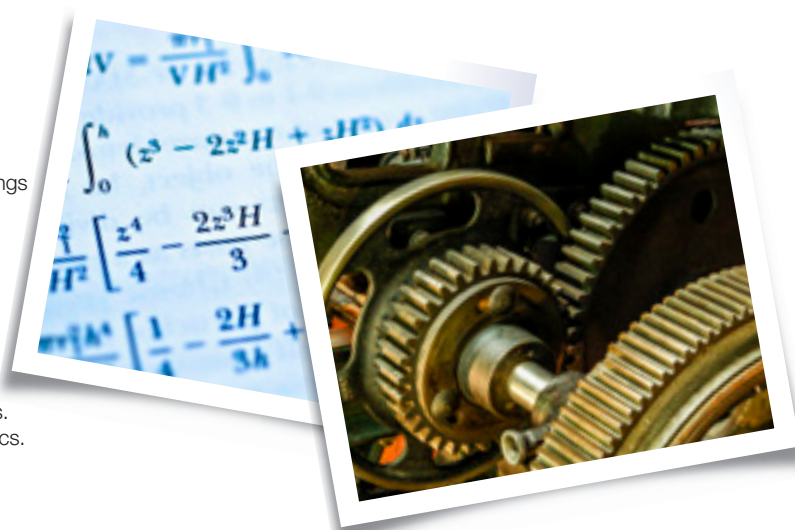
There is a formal examination at the end of Year 13. In Mathematics this consists of four examinations. Papers 1 and 2 are both 1.5 hours long and examine the Pure content. Paper 3 is also 1.5 hours long and examines Further Statistics. Paper 4 is also 1.5 hours long and examines Further Mechanics.

■ Teaching Styles

- ▶ Students will be taught in a variety of ways from formal teaching lessons which help prepare for tackling examination questions to activities and short investigations.
- ▶ Students will use calculators, computer programmes and a large data set to investigate the topics previously mentioned.
- ▶ Students are given assessments to assess their skills, knowledge retention and ability to problem solve as the course progresses.
- ▶ We will also be running formal booster and drop in sessions where students are able to get extra help with their studies.

■ Career Opportunities

The course is essential for anyone wishing to pursue a career in Mathematics. It is also extremely useful for entry into a wide range of other fields of study such as, Physics, Engineering, Finance, Economics and Computing.



Geography

ADVANCED LEVEL

Examination Board:

EDEXCEL

Syllabus No:

A-level: 9GEO

■ Course Content

The A-level course comprises four areas of study:

1. Dynamic Landscapes (Topic 1: Tectonic Processes and Hazards and Topic 2B: Coastal Landscapes and Change)
2. Dynamic Places (Topic 3: Globalisation and Topic 4A: Regenerating Places)
3. Physical Systems and Sustainability (Topic 5: The Water Cycle and Water Insecurity and Topic 6: The Carbon Cycle and Energy Security)
4. Human Systems and Geopolitics (Topic 7: Superpowers and Topic 8: Global Development)

The course also requires the completion of an Independent Investigation (coursework) based on fieldwork.

■ Assessment

Paper 1: Dynamic Landscapes and Physical Systems and Sustainability

- ▶ Written examination of 2 ¼ hours
- ▶ 30% of A-level qualification

Paper 2: Dynamic Places and Human Systems and Geopolitics

- ▶ Written examination of 2 ¼ hours
- ▶ 30% of A-level qualification

Paper 3: Synoptic Paper

- ▶ Written examination of 2 ¼ hours
- ▶ 20% of A-level qualification

Coursework

- ▶ 3000-4000 word Independent Investigation based on fieldwork
- ▶ Non-examined assessment
- ▶ 20% of A-level qualification

■ Teaching Styles

Students will learn in a variety of ways which will make for an interesting and varied course. Examples of teaching styles include:

- ▶ Lessons using varied and stimulating resources - newspaper articles, DVDs, maps, satellite images and textbooks
- ▶ Role plays
- ▶ Exam practice – teacher, self and peer marking
- ▶ Individual research using ICT
- ▶ Residential field course to complete the geographical investigation
- ▶ Decision making exercises

Apart from learning the knowledge, concepts and skills required to succeed at this course, students will also be able to develop many of the key skills required for higher education and working life such as:

- ▶ Collecting, analysing and interpreting information
- ▶ Evaluating your work
- ▶ Communicating your findings in different ways
- ▶ Listening to other people's opinions
- ▶ Working independently

■ Career Opportunities

Students with A-level Geography have access to a wide range of possible career and higher education opportunities. You learn and use a variety of transferable skills throughout the course. These include collecting, analysing and interpreting data, communicating your findings in different ways, and identifying and developing the links between different parts of the subject. These skills are recognised by employers, universities and colleges as being of great value.

Geography combines well with almost all other A-level subjects. Taken with sciences like Mathematics, Physics, Chemistry and Biology, Geography supports applications for almost any science-based university course like Engineering, Psychology, Environmental Sciences, Oceanography and Geology. Taken in combination with humanities subjects like English, French, History or Economics, Geography supports an equally wide range of university courses such as Business, Law, Media, Politics and Philosophy.



History

ADVANCED LEVEL

Examination Board:

EDEXCEL

Syllabus No:

A-level: 9HI0

■ Course Content

Units 1 and 2 are linked by the theme of revolution in the Early Modern and Modern period. Both papers require essay writing skills, source evaluation and analysis of historical interpretation.

- ▶ Paper 1 – Britain, 1625-1701: conflict, revolution and settlement
- ▶ Paper 2 – Russia in revolution, 1894-1924

Unit 3 will look at a theme over a hundred year period and will include case studies of particular events.

- ▶ Paper 3 – The witch craze in Britain, Europe and North America c1580 – c1750

Unit 4 Coursework

- ▶ Historical interpretations of the First World War

■ Assessment

Unit 1 – Exam – 2 hours 15 minutes

A-level 30%

Unit 2 – Exam – 1 hour 30 minutes

A-level 20%

Unit 3 – Exam – 2 hours 15 minutes

A-level 30%

Unit 3 Coursework

A-level 20%

■ Teaching Styles

During the course students will learn:

- ▶ About the significance of events, individuals, issues and societies in history;
- ▶ How and why societies have changed over time;
- ▶ About the theories of historians and the language that they use to discuss their ideas;
- ▶ To understand the nature of historical evidence and the methods used by historians to analyse and evaluate it;
- ▶ To develop an understanding of how the past has been interpreted and represented;
- ▶ To express your own historical ideas confidently and effectively.

The teaching styles will access these objectives via reading, planning, writing and discussion, using text, sources, journals and video resources.

What kind of student is this course suitable for?

The course will appeal to students who:

- ▶ Have an interest in the way that the world has developed through the ages;
- ▶ Enjoy investigation and discovery;
- ▶ Enjoy debate and like putting forward a well-argued case;
- ▶ Want to improve their analytical skills;
- ▶ Want to study a subject which encourages them to consider evidence and make up their own minds;
- ▶ Want to keep their options open. History is widely regarded as a useful qualification for a wide range of higher education or career choices.

■ Career Opportunities

Students who study A-level History have access to a wide range of career and higher education opportunities. By the end of your course you will have learned how to evaluate and analyse information, how to weigh up evidence and how to communicate complex ideas effectively. These skills are recognised and valued by employers, universities and colleges.

History combines well with Maths and Science subjects to create an attractive portfolio of qualifications, enabling a student to move on to a university science-based course. Other university courses that History will support include Law, Journalism, Media, Politics and Philosophy.



Mathematics

ADVANCED LEVEL

Examination Board:

EDEXCEL

Syllabus No:

A-level 9MA0

■ Course Content

The course is designed to introduce students to a wide range of analytical techniques, with a greater emphasis on their application of skills to a range of practical problems. Over two years you will be introduced to content in three different areas of Mathematics: Pure; Statistics and Mechanics.

The Pure course includes:

- ▶ Algebra and Functions
- ▶ Coordinate Geometry
- ▶ Vectors
- ▶ Trigonometry
- ▶ Calculus
- ▶ Exponentials and Logarithms
- ▶ Proof
- ▶ Series and Sequences
- ▶ Numerical Methods

The Statistics course includes:

- ▶ Interpretation of Data
- ▶ Probability
- ▶ Binomial Distribution
- ▶ Hypothesis Testing
- ▶ Scatter Graph Analysis
- ▶ The Normal Distribution

The Mechanics course includes:

- ▶ Kinematics
- ▶ Newton's Laws
- ▶ Moments

■ Assessment

The assessment takes place in the form of a formal examination at the end of Year 13. In Mathematics this consists of three examination papers. Papers 1 and 2 are both two hours long and examine the pure content. Paper 3 is also two hours long and examines the statistical and mechanical content.

■ Teaching Styles

- ▶ Students will be taught in a variety of ways from formal teaching lessons which help prepare for tackling examination questions to activities and short investigations.
- ▶ Students will use calculators, computer programmes and a large data set to investigate the topics previously mentioned.
- ▶ Students are given assessments to assess their skills, knowledge retention and ability to problem solve as the course progresses.
- ▶ We will also be running formal booster and drop in sessions where students are able to get extra help with their studies.

■ Career Opportunities

The course is essential for anyone wishing to pursue a career in Mathematics, Physics, Engineering, Accountancy, Finance or Economics and Computing. It is also extremely useful for entry into a wide range of other fields of study such as Medicine, Chemistry, Biological Sciences, Social Sciences, Geography and Business Studies.



Media Studies

ADVANCED LEVEL

Examination Board:

OCR

Syllabus No:

A-level H409

■ Course Content

The course is designed to widen the intellectual horizons of the student, whilst fostering the development of critical and reflective thinking to encourage engagement in the critical debates surrounding contemporary media. The specific aims are to:

- ▶ Develop skills of enquiry, critical thinking, decision making and analysis
- ▶ Demonstrate an appreciation and critical understanding of the media and its role historically, globally and currently in society
- ▶ Develop an understanding of the dynamic and changing relationship between media forms, products, media industries and audiences
- ▶ Apply theoretical knowledge and specialist specific terminology to analyse and compare media products and the contexts in which they are produced and consumed in order to make informed arguments
- ▶ Engage in critical debate about the academic theories used in Media Studies
- ▶ Demonstrate sophisticated practical skills by providing opportunities for creative media production

Students who have not studied this course at GCSE must not feel that they are excluded from taking this subject. Students bring a great wealth of knowledge from their own experience and will be able to adapt their understanding of contemporary media. Prospective students MUST, however, understand that there are a huge number of demands made upon them in this very creative and thought-provoking subject. This is especially true of the time commitment that must be made both academically and practically.

■ Assessment

Internal interim and landmark assessments occur once every half term, per teacher, with assessments being made using OCR criteria. There is a combination of knowledge based and exam style questions throughout the different stages of the practical project. The students are also formally assessed during the internal Year 12 and mock examination periods.

At the end of the course, the students sit two external written examinations based on the work that they have studied during the two years.

Paper 1: News and Media Language and Representation 35%

Students will answer a variety of short and longer questions focusing on an in-depth study of news in the UK and representation in advertising and music videos. The students will study these through media products set by OCR.

Paper 2: Media Industries and Audiences, and Long Form Television Drama 35%

Students will answer a variety of short and longer questions exploring media industries and audience, and television drama. Prior to the examination, the students will complete an in-depth study of two television dramas, with one being the study of a European drama. These media products are set by OCR.

Non-Examination Assessment – Making Media 30%

The practical element of the course will require students to research, create and evaluate their own cross-media products. The students will respond to a brief set by OCR in June of Year 12. The practical element is completed individually and the school provides students with filming and editing equipment.

■ Teaching Styles

The demand of the Media course requires students to develop an independent and proactive approach to learning, with this driving their own curiosity. With teacher guidance, the students will be expected to read, research and investigate various aspects of the media. When completing the practical element, the students are encouraged to produce products in specific time frames. The key to success in this area is being organised and enthusiastic.

■ Career Opportunities

There are a huge number of opportunities that this course can lead to. Careers in Media are only one of routes available. Jobs and futures may be pursued in Teaching, Product Design, Marketing and the Arts. Media Studies equips students with the skills of creativity, problem-solving, analysis, independence of thought and originality in debating and balancing arguments. It is a crucial course in our digital age and it prepares students for further education and the world of work.



Modern Foreign Languages

ADVANCED LEVEL

Examination Board:

AQA

Syllabus No:

A-level French: 7652
A-level Spanish: 7692

French, Spanish

■ Course Content

The AQA MFL course allows students to build on the core skills, vocabulary and grammar which they developed during their GCSE studies so that they can become fluent speakers with a keen understanding of the geography, history, literature and film of their linguistic area of study. The focus on technically advanced translation also ensures that our students will be able to pursue university courses in MFL and find employment using these skills at any point in their adult lives. The course is designed to develop our students' interest in the French or Spanish speaking world so that they can comment on themes ranging from Latin American Dictatorship to New Wave French Cinema.

Students will study two broad themes, irrespective of the language they choose. They are: social and political trends and political and artistic culture. Students will also study a film in the target language which they will analyse in detail. Underpinning each of these topic areas is a robust grammar course which students will complete in September. The material which we study will include complex factual and abstract content and a variety of resources drawn from authentic target language sources.

There is an emphasis on developing practical skills such as translation to and from Spanish or French; listening and reading for 'gist' and detail; and essay writing. The A-level examinations consist of a written paper, a listening/reading/writing paper and a recorded oral examination.

In the second year of the course our students study a piece of French or Spanish literature and continue to study a range of political and artistic topics relevant to the countries where the language is spoken. The students will also complete an individual research project into an element of Hispanic or Gallic culture which interests them. This will form the basis for their speaking examination at the end of the year.

Core Content

	French	Spanish
Year 12	The changing nature of the family	Modern values and trends
Year 12	The 'cyber-society'	Cyberspace
Year 12	The place of voluntary work	Equal rights
Year 12	French Cinema: <i>Les 400 coups</i>	Spanish Cinema: <i>Volver</i> (Almodovar)
Year 12	A culture proud of its heritage	Modern day idols
Year 12	Contemporary francophone music	Spanish regional heritage
Year 12	Cinema: the seventh art form	Cultural heritage
Year 13	Life for the marginalised	Immigration
Year 13	Positive features of a diverse society	Integration
Year 13	How criminals are treated	Racism
Year 13	French Literature: <i>Un Sac de Billes</i>	Spanish Literature: <i>Como Agua Para Chocolate</i>
Year 13	Teenagers, the right to vote & political commitment	Today's youth, tomorrow's citizens
Year 13	Demonstrations & Strikes: who holds the power	Monarchies & dictatorships
Year 13	Politics & Immigration	Popular movements
Year 13	Independent Research Project	Independent Research Project

■ Assessment (all languages)

Listening	Reading	Translation/ Writing/Speaking
What's assessed: <ul style="list-style-type: none"> ■ Aspects of society: current trends ■ Aspects of society: current issues ■ Artistic culture in the French/ Spanish-speaking world ■ Aspects of political life in the French/Spanish-speaking world ■ Grammar 	What's assessed: <ul style="list-style-type: none"> ■ One text + one film <u>OR</u> two texts (from the list set in the specification) ■ Grammar 	What's assessed: <ul style="list-style-type: none"> ■ Individual research project ■ <u>One</u> of four sub-themes <ul style="list-style-type: none"> ■ Aspects of society: current trends ■ Aspects of society: current issues ■ Artistic culture ■ Aspects of political life
How it's assessed <ul style="list-style-type: none"> ■ Written exam: 2 hours 30 minutes ■ 100 marks ■ 50% of A-level 	How it's assessed <ul style="list-style-type: none"> ■ Written exam: 2 hours ■ 80 marks in total ■ 20% of A-level 	How it's assessed <ul style="list-style-type: none"> ■ Oral exam: 21-23 minutes (including 5 mins preparation time) ■ 60 marks ■ 30% of A-level

■ Teaching Styles

Students of French or Spanish have specialist teachers who will deal with different skill areas i.e. listening, reading, comprehension, grammar, essay writing, literature and oral work. In addition, each student is allocated regular speaking support sessions.

The Languages Department makes full use of video and audio materials in Sixth Form courses.

There are opportunities for Work Experience abroad which students are strongly advised to consider during their course.

The Russell Group of Universities recommend Languages as a facilitating subject.

Students are advised to make regular use of Internet and IT facilities linked to their language study.

■ Career Opportunities

A-level linguists are a rare and highly prized commodity in Britain. The study of a foreign language is not only an extremely valuable learning process, but also gives students a head start and career advantages in the new European work place. The following list indicates just a few of the opportunities open to competent linguists:

International Business	Travel & Tourism
Commerce & Finance	Retail
Education	Engineering
Civil Service	ICT
Translation	Journalism
Law	

With most degree and Higher Education courses nowadays it is possible to include a language module, with the opportunity of spending a period of time abroad. Students are thus enabled to compete on an equal footing with their European counterparts.

Music

ADVANCED LEVEL

Examination Board:

EDEXCEL

Syllabus No:

A-level: 9MUO

■ Course Content

Students will learn to rehearse and refine solo and/or ensemble performances on their chosen instrument or voice and develop their technique, expression and control. This component will develop creative thinking, critical awareness and self-confidence. Students can perform in any chosen style.

Students will develop the technical and expressive skills needed for composing music. Students will be encouraged to explore a range of compositional starting points, investigate a range of techniques for developing and manipulating ideas.

Students will learn to develop their listening and appraising skills through the study of music across a variety of styles and genres. The content is grouped into six areas of study, each of which contains two set works. This component gives students the opportunity to reflect on, analyse and evaluate music in aural and/or written form. To achieve this objective they need to use their knowledge and understanding of musical elements, context and language to make critical judgements about the repertoire and context of music within the areas of study.

Students will learn how to harmonise two chorales in the manner of J.S. Bach by adding alto, tenor and bass parts to a given soprano. Using an appropriate harmonic vocabulary students need to be familiar with triads in root position and first inversion, the tonic triad in second inversion in contexts where Bach would have used it, seventh chords and their inversions typical of Bach's style.

■ Assessment

Component 1: Performing

A public performance of one or more pieces, performed as a recital. Performance can be playing or singing solo, in an ensemble, improvising, or realising music using music technology. The total performance time across all pieces must be a minimum of 8 minutes.

- ▶ This is internally assessed and externally moderated
- ▶ This component is worth 60 marks and is 30% of the qualification

Component 2: Composing

Total of two compositions, one to a brief set by the examining body and one to a brief (Bach Chorale). One composition must be from either a list of briefs related to the areas of study carrying 40 marks for this component. This composition must be at least 4 minutes in duration. One composition must be from a list of briefs assessing compositional technique, carrying 20 marks for this component. This composition must be at least 1 minute in duration, unless the brief specifies a longer minimum duration. Total time across both submissions must be a minimum of 6 minutes.

- ▶ This component is worth 60 marks and is 30% of the qualification
- ▶ This is internally assessed and externally moderated

Component 3: Appraising

Students will gain knowledge and understanding of musical elements, contexts and language through the application of knowledge in the context of six areas of study, each with three set works: Vocal Music, Instrumental Music, Music for Film, Popular Music and Jazz, Fusions, New Directions. Students will also apply their knowledge to unfamiliar works.

- ▶ One written paper of 2 hours, with a total of 100 marks.
- ▶ One audio CD with the extracts to accompany questions on the paper will be provided per student.
- ▶ This paper comprises two sections: A and B. Section A: Areas of study and dictation (50 marks). Three questions related to the set works (audio and skeleton score provided). One short melody/rhythm completion exercise. Section B: Extended response Two essay questions – essay one (20 marks) and essay two (30 marks). Essay one asks students to draw links from their study of the set works to the music heard as an unfamiliar extract. Essay two gives a choice of three questions that ask students to evaluate the musical elements, context and language of one set work. Each option will be from a different area of study.

■ Teaching Styles

The Edexcel course provides a clear and coherent structure. The qualification has a straightforward structure with three engaging components, assessed through practical performances, compositions and one externally examined paper. The course provides a real music focus – the key content of musical elements, contents and language are taught through the Areas of Study and set work to show real examples of how these are used within different types of music. Holistic understanding of music – students investigate, analyse and evaluate music and its features.

■ Career Opportunities

The course is designed to provide a stepping-stone towards any career within the Music industry. As well as teaching key skills in performance, composition and musical appraising, the course also provides an excellent grounding for a degree in Music, or any Humanities subject. The skills developed within the course can be usefully applied to a diverse range of higher education courses.



Physical Education

ADVANCED LEVEL

Examination Board:

OCR

Syllabus No:

A-level: H555

■ Course Content

Component 1: Physiological Factors Affecting Performance

Students will focus on key systems of the human body involved in movement and physical activity.

Component 2: Psychological Factors Affecting Performance

Students will gain a deeper understanding of the underlying psychological factors that influence our performance in physical activity and sport.

Component 3: Socio-cultural and Contemporary Issues

Students will gain an understanding of the sociological and contemporary factors that influence and affect physical activity and sport for both the audience and the performer and how sport affects society.

Component 3: Performance within Physical Education

Students will be required to undertake two parts within this component.

Part 1: Performance/coaching of a sport or activity.

Part 2: Analysis and Evaluation of Performance for Improvement (EAPI) of a sport or activity. Students will identify an area of weakness within performance to prioritise for improvement and will propose a short term (3-4 weeks) action plan to improve the area of performance identified.

■ Assessment

Component	Assessment	Duration	Weighting
1	Written Exam	2 hours	30
2	Written Exam	1 hour	20
3	Written Exam	1 hour	20
4	Coursework which is externally moderated		30

■ Teaching Styles

The teaching of the course takes a multi-disciplinary approach, encouraging the development of different methods of enquiry, drawn from a wide range of disciplines, with the focal point being the performer and the performance. The delivery of the course is based on the interaction between theory and practice of Physical Education. (Students should be aware that the course content is mainly theoretical across the Socio cultural and scientific disciplines. Only a few practical lessons will take place).

■ Career Opportunities

A GCE qualification in Physical Education is now an essential pre-requisite for specialist study in Physical Education and Sport Studies at higher education. It also provides an excellent foundation for students to pursue careers in Physiotherapy, Teaching, Coaching, Sports Development, the Leisure Industry, Recreational Management, the Health and Fitness Industry and Professional Sport. It's course content also compliments studies in Psychology, Sociology, Geography and the Sciences.



Physics

ADVANCED LEVEL

Examination Board:

AQA

Syllabus No:

A-level: 7408

■ Course Content

The AQA A-level Physics specification gives students a seamless transition from GCSE to university courses in Physics and Physics-related disciplines. It maintains students' enthusiasm for Physics and develops their interest in the subject. 'How Science Works' offers practical and investigative experience throughout the two years of study.

You will study the concepts of particles and radiation, waves, mechanics, materials and electricity during Year 12. Year 13 develops further on mechanics, fields, thermal physics and nuclear physics. You will also study a specific 'option unit' which will be decided by the school, with input from students. Possible option units include: astrophysics, medical physics, engineering physics, turning points or electronics

The practical skills of 'How Science Works' are integrated throughout the course. There is an emphasis on developing key practical skills and you will carry out a number of required practicals throughout the two years. Upon successful completion, you will gain a practical skills accreditation which is given alongside your grade. This accreditation does not affect your overall grade.

Students will complete three exams at the end of Year 13. The first paper covers topics 1-5, the second paper covers topics 6 - 8 and the third paper is a Practical Skills and Data Analysis exam which includes content from the option unit.

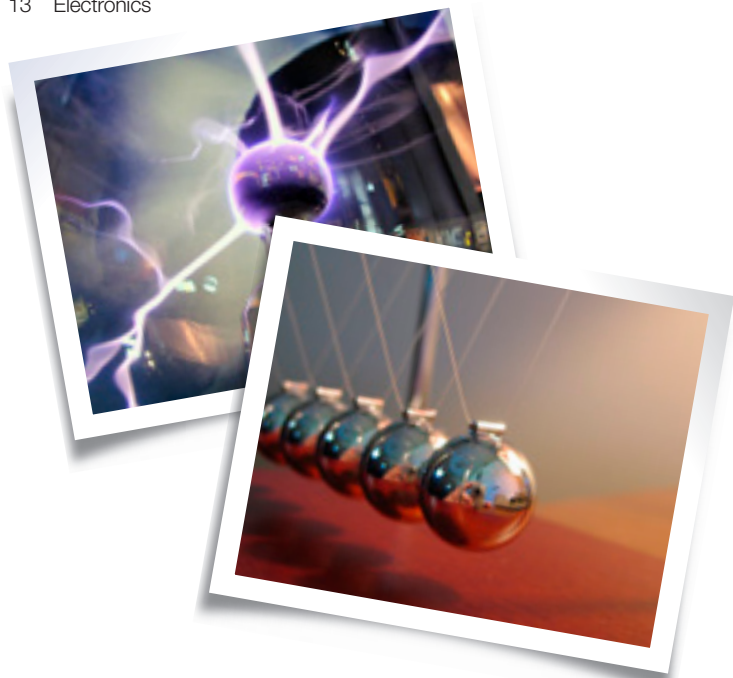
Physics by its nature has substantial mathematical content. Students must be prepared to develop their analytical and problem-solving skills, use ICT and think deeply.

■ Core Content

- 1 Measurements and their errors
- 2 Particles and radiation
- 3 Waves
- 4 Mechanics and materials
- 5 Electricity
- 6 Further mechanics and thermal physics
- 7 Fields and their consequences
- 8 Nuclear physics

Options

- 9 Astrophysics
- 10 Medical physics
- 11 Engineering physics
- 12 Turning points in physics
- 13 Electronics



■ Assessment

Paper	Sections	Duration	Outline	Weighting
1	1 – 5 & 6.1	2 hours	60 marks of short and long answer questions and 25 multiple choice questions on content.	34%
2	6.2 (Thermal Physics), 7 and 8	2 hours	60 marks of short and long answer questions and 25 multiple choice questions on content.	34%
3	Section A Practical skills and data analysis Section B: Option Unit	2 hours	45 marks of short and long answer questions on practical experiments and data analysis. 35 marks of short and long answer questions on optional topic.	32%

■ Teaching Styles

Physics is an exciting subject, providing insight into the world around us. It has been developed by some of the greatest minds through the ages, with brilliant breakthroughs even in the last few years.

Physics, like the other sciences, is a practical subject, and students therefore spend a considerable portion of their time conducting their own experiments or learning from demonstrations. A successful Physicist must be able to draw conclusions from experimental results as well as learning from textbooks, videos and computer programs. There are usually two Physics teachers for each group, each of whom will set at least one homework assignment each week.

■ Career Opportunities

Physics is a highly regarded subject for higher education and many technical careers. It is essential for many areas of Engineering, Medicine and Science. It is really useful for subjects such as Computing, Architecture, Geology, Teaching and even Finance and Business. Some people spend their whole lives researching in pure Physics, perhaps working on the particle accelerator at CERN, or using giant telescopes and complex theories to research Astrophysics.



Psychology

ADVANCED LEVEL

Examination Board:

AQA

Syllabus No:

A-level: 7182

Course Content

Unit 1:

Introductory topics in psychology

Students will be expected to: demonstrate knowledge and understanding of psychological concepts, theories, research.

Social influence: Types of conformity: internalisation, identification and compliance. Explanations for conformity: informational social influence and normative social influence, and variables affecting conformity including group size, unanimity and task difficulty as investigated by Asch.

Memory: Scientific models of memory, their strengths and weaknesses and explanations for forgetting. How reliable is an eye-witness testimony?

Attachment: Caregiver-infant interactions in humans and Animal studies of attachment. Explanations of attachment along with Cultural variations. The influence of early attachment on childhood and adult relationships.

Unit 2:

Approaches in psychology

Origins of psychology and the basic assumptions of the following approaches:

- ▶ Learning approach, Cognitive approach, Biological approach and Humanistic approach.

Research methods: Students should demonstrate knowledge and understanding of research methods, scientific processes and techniques of data handling and analysis, be familiar with their use and be aware of their strengths and limitations.

Unit 3:

Issues and options in psychology: Demonstrate knowledge and understanding of psychological concepts, theories, research studies, research methods and ethical issues in relation to the specified Paper 3 content:

- ▶ Relationships
- ▶ Stress
- ▶ Forensic Psychology.

Assessment

Paper 1, 2, 3:

Written exam: 2 hours

96 marks in total

Teaching Styles

Throughout the 2 years students are encouraged to develop as independent learners.

Psychology is the explanation of individual peoples' behaviour. The syllabus covers an unusually wide variety of subject areas, ranging from up to date aspects of the biochemistry of the brain to some long established philosophical ideas such as free will. Consequently students will be encouraged to develop a range of approaches to learning. Sometimes a scientific approach might be best. But psychological questions are complex, and a common sense approach can be as useful as science. Students will be encouraged to use ideas and information from other subject areas (e.g. Sociology, Media Studies, Art, Biology, English, Computing, etc) when studying psychological topics. The exam board give credit for this broad approach.

Year 12 content covers a range of topics which are representative of Psychology as a whole. The topics covered are often relevant to news stories. A variety of teaching styles are used, including group projects, individual research, using the Internet, and designing and conducting psychological investigations.

Year 13 content is designed to let students study and investigate theoretical and applied topics in more depth, and to help them gain an overall picture of Psychology. Teaching styles will vary according to the subject material and the student's skills. A flexible approach to Psychology is important, for example when considering problems of cultural or gender bias, and when trying to decide what exactly is "abnormal" behaviour. Research methods that are useful for investigating one kind of psychological question might not work with a different problem.

■ Career Opportunities

The A-level course has a broad and balanced content and they are useful preparation for a wide variety of further courses and occupations. Psychology is one of the most popular courses at university, and it also forms part of many joint degrees. It is studied in many vocational training courses, such as for social work, teaching, business administration, and many more.

Many psychologists are involved in academic research in university departments. Others work in a wide range of public and private organisations, for example in Medicine, Education, Management Consultancy, Product Design and Advertising, employers often value the improved knowledge and analytical skills which the study of Psychology encourages.

Progress in psychological research is currently rapid. Advances in genetics, brain scanning and artificial intelligence research are being applied to psychological questions, and the answers have important implications for society in future.



Religion, Philosophy & Ethics

ADVANCED LEVEL

Examination Board:

AQA

Syllabus No:

A-level: 7062

■ Course Content

The A-level course is taught over two years; both components will be taught alongside one another.

Component 1: Philosophy of religion and ethics

Section A: Philosophy of Religion

- ▶ Arguments for the existence of God
- ▶ Evil and suffering
- ▶ Religious experience
- ▶ Religious language
- ▶ Miracles
- ▶ Self and life after death

Section B: Ethics and Religion

- ▶ Ethical theories
- ▶ Issues of human life and death
- ▶ Issues of animal life and death
- ▶ Introduction to meta-ethics
- ▶ Free will and moral responsibility
- ▶ Conscience
- ▶ Bentham and Kant

Component 2: Study of religion and dialogues

Section A: Study of religion Sources of wisdom and authority

- ▶ God/gods/ultimate reality
- ▶ Self, death and the afterlife
- ▶ Good conduct and key moral principles
- ▶ Expression of religious identity
- ▶ Religion, gender and sexuality
- ▶ Religion and science

- ▶ Religion and secularisation
- ▶ Religion and religious pluralism

Section B: The dialogue between philosophy of religion and religion

How religion is influenced by, and has an influence on philosophy of religion in relation to the issues studied.

Section C: The dialogue between ethical studies and religion

How religion is influenced by, and has an influence on ethical studies in relation to the issues studied.

■ Assessment

**Two written exams, one on each component:
3 hours, 100 marks**

■ Teaching Styles

The lessons regularly involve:

- ▶ Note taking – an important skill both within and outside the classroom. Notes should be clear and concise, showing evidence of examples, explanation and evaluation.
- ▶ Discussion – the ability to express your ideas clearly, and those of others, is a crucial skill in life and one that can be developed further in this subject.
- ▶ Essay writing skills – essential for passing the exams but also useful for those who wish to improve their clarity and quality of written communication.
- ▶ Reading – very important in and outside of lesson time. Newspapers, magazines are often very useful, as well as textbooks.
- ▶ Other – videos, group work and presentations are encouraged and used where possible.

■ Career Opportunities

Studying Religious Studies at A-level forms superb preparation for further education, a variety of careers, as well as life in general.

The knowledge and understanding gained will be useful to anyone interested in going into, for example: Journalism, Law, Medicine and the Arts. In addition, the skills learned will be vital for anyone who wishes to work with people, or those who will have to make important decisions or form strong opinions. This might include, for example: the Civil Service; Social or Community Work; Publishing or Broadcasting; Business, Industry and Commerce; or Education.



Sociology

ADVANCED LEVEL

Examination Board:

AQA

Syllabus No:

A-level: 7192

■ Course Content

Students will examine the following institutions along with the research methods used to research them:

Education:

- ▶ 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
- ▶ Relationships and processes within schools, with particular reference to teacher/pupil relationships, pupil identities and subcultures, the hidden curriculum, and the organisation of teaching and learning
- ▶ The significance of educational policies, including policies of selection, marketisation and privatisation, and policies to achieve greater equality of opportunity or outcome, for an understanding of the structure, role, impact and experience of and access to education; the impact of globalisation on educational policy.

Crime and Deviance:

- ▶ Crime, deviance, social order and social control
- ▶ The social distribution of crime and deviance by ethnicity, gender and social class, including recent patterns and trends in crime
- ▶ Globalisation and crime in contemporary society; the media and crime; green crime; human rights and state crimes
- ▶ Crime control, surveillance, prevention and punishment, victims, and the role of the criminal justice system and other agencies.

The Media:

- ▶ The new media and their significance for an understanding of the role of the media in contemporary society
- ▶ The relationship between ownership and control of the media
- ▶ The media, globalisation and popular culture

- ▶ The processes of selection and presentation of the content of the news
- ▶ Media representations of age, social class, ethnicity, gender, sexuality and disability
- ▶ The relationship between the media, their content and presentation, and audiences.

Families and Households:

- ▶ The relationship of the family to the social structure and social change, with particular reference to the economy and to state policies
- ▶ Changing patterns of marriage, cohabitation, separation, divorce, childbearing and the life course, including the sociology of personal life, and the diversity of contemporary family and household structures
- ▶ Gender roles, domestic labour and power relationships within the family in contemporary society
- ▶ The nature of childhood, and changes in the status of children in the family and society
- ▶ Demographic trends in the United Kingdom since 1900: birth rates, death rates, family size, life expectancy, ageing population, and migration and globalisation.

■ Teaching Styles

An open and enquiring mind is required to follow this course. Students must be prepared to question evidence and enter into discussion. Students should make themselves aware of current social issues and therefore regularly read a serious newspaper in addition to textbooks and other publications.

A variety of teaching styles will be used. The student must be prepared to take initiative, work independently and as a member of a group. There will be discussion work in addition to note taking from material, books and the teacher. Essay writing is a very important element of the course.

■ Career Opportunities

Sociology links very well with all other Advanced subjects and provides a good framework for the study of most subjects at Higher Education.

It is regarded as a good basis for a career in Management and Business in addition to more closely related fields such as Social Work.



Business Studies

BTEC EXTENDED DIPLOMA

Examination Board:

EDEXCEL

Syllabus No:

13BV02

■ Course Content

Students study 13 units over 2 years. These are made up of 7 mandatory and 6 optional units.

Mandatory units

Unit	Name	Unit	Name
1	Exploring Business	5	International Business
2	Developing a Marketing Campaign	6	Principles of Management
3	Personal and Business Finance	7	Business Decision Making
4	Managing an Event		

Optional Units, these may include:

Unit	Name
9	Team Building in Business
8	Recruitment & Selection
16	Visual Merchandising
17	Digital Marketing
18	Creative Promotion
22	Market Research

Optional units chosen are subject to change.

The course will appeal to students who:

- ▶ Wish to pursue a career in a business related profession
- ▶ Want a more vocational qualification which will prepare them for the world of work
- ▶ Enjoy working on projects

■ Assessment

There are 3 types of assessment of which 42% are externally assessed.

The qualification is equivalent to 3 A-levels. Students are able to obtain grades from 3 Distinction* to 3 Passes on this course.

■ Teaching Styles

Students will learn important skills which are relevant to the world of work. Student's class work will be supplemented by visits to businesses. Students have the opportunity to run their own business event which helps them develop enterprise skills. During the course students will:

- ▶ Extensively use case studies
- ▶ Be kept constantly up to date with newspapers & TV programmes
- ▶ Be assessed in a variety of ways e.g. presentations, reports, role plays and practical assessments in Science

Thorough classwork and preparation for external assessment key skills will be developed in communication, investigation, numerical, IT, problem solving, working with others and planning.

The nature of the subject means that students must make use of the latest in Information Technology and utilise the internet.

■ Career Opportunities

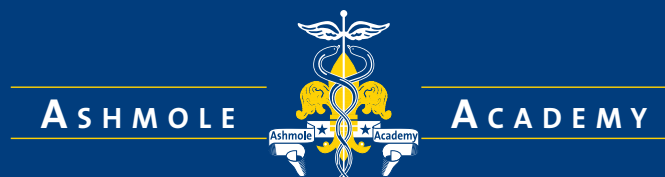
The Extended Diploma is a two year, full-time course that meets entry requirements in its own right for learners who want to progress to higher education courses in business areas before entering employment. It can also support learners who want to progress directly to employment in job roles in Business or Business Management and Higher Apprenticeships in the business sector. This course is also suitable for higher education.

**Please note BTEC Business Studies is offered to internal students only.*









An Ashmole Academy Trust School
Excellence is a Habit

Cecil Road, Southgate, London N14 5RJ • **Tel:** 020 8361 2703 • **Fax:** 020 8368 0315
E-mail: office@ashmoleacademy.org • **Website:** www.ashmoleacademy.org

Published October 2019
EOE



National Teaching School
designated by

**Department
for Education**