Sixth Form Course Guide

2013 - 2014











INTRODUCTION

Our Post-16 Course Guide provides a comprehensive insight into the courses that are available to students at Heston Community School. Our excellent reputation for student achievement and support, coupled with superb facilities and resources and specialist-teaching staff, provide students with a learning environment in which they can excel.

We are proud to be able to offer students a wide range of courses that will allow them to personalise their programme of study. We believe that there is genuinely something for everyone here, whether a young person is working towards re-taking Mathematics or English GCSE, completing BTEC courses or is aiming for Oxbridge entrance.

I do hope you find this course guide useful as you consider your options for Post-16 study. Please feel free to contact me by phone on 0208 572 1931 or email at <u>info@hestoncs.hounslow.sch.uk</u> at any time if you wish to talk through your options in person.

We look forward to you joining us at Heston Community School.

Mr Ranjit Berdesha Assistant Headteacher

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VOCATIONAL COURSES

BTEC First Diploma in Business BTEC First Diploma in Media BTEC National Diploma in Business BTEC National Diploma in Creative Media Production BTEC National Diploma in ICT BTEC National Diploma in Sport

GCSE COURSES

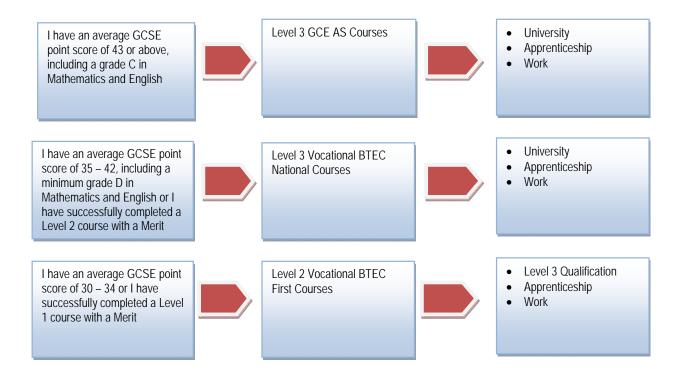
English Mathematics

YEAR 13 HIGHER EDUCATION DESTINATIONS 2013

POST-16 PATHWAYS AT HESTON COMMUNITY SCHOOL

This guide has been produced to help you make course choices for your education and training following completion of your GCSEs. There are a range of courses on offer, including A Levels and vocational courses.

The following table shows the range of qualifications that exist, the different levels available and how they relate to one another. The table also shows the progression routes available to you at Heston Community School and how you might move from one pathway to another.



POST-16 ADMISSIONS CRITERIA

AS Levels

You must have achieved an average GCSE point score of 43¹, **including** a grade **C** in Mathematics **and** English. In addition to this minimum entry requirement, it is preferable for students to have achieved at least GCSE grade B in any subject that they intend to study at AS level.

However, the following subject specific requirements will apply:

AS Level Mathematics	GCSE grade B in Mathematics
AS Further Mathematics	GCSE grade A/A* in Mathematics
AS Level Biology	GCSE grade BB in Double Science
AS Level Chemistry	GCSE grade BB in Double Science
AS Level Physics	GCSE grade BB in Double Science

BTEC National

You must have achieved an average GCSE point score of 35 - 42, **including** a grade **D** in Mathematics **and** English.

BTEC First

You must have achieved an average GCSE point score of 30 – 34.

GCSE English

You must have achieved a minimum of grade D in GCSE English

GCSE Mathematics

You must have achieved a minimum of grade D in GCSE Mathematics

Where courses are oversubscribed students' average GCSE point score will be used to allocate places.

1	GCSE Point Scores			
	A*	=	58 points	
	А	=	52 points	
	В	=	46 points	
	С	=	40 points	
	D	=	34 points	
	E	=	28 points	
	F	=	22 points	
	G	=	16 points	

AS/A2 ANTHROPOLOGY

Duration: Board: Assessment: AS 1 year / A2 2 years Edexcel Coursework & Examination

Course overview:

Anthropology is the study of people, where they came from, how they live differently in different societies across the world, how they interact with their environment. Anthropologists are interested in how society works, how people live, what are their beliefs, customs, ideas, religions, myths, prejudices and aspirations.

AS Course: Unit 1: Being Human: Unity and Diversity. We will study: whether there are human universals, different ideas about the body, (cosmetic surgery, tattooing, dress) ways of thinking and communicating, organising social relations, kinship, engaging with nature.

Unit 2: Becoming a person: identity and belongin. We will study: whether the concept of "person" is the same everywhere, how people create identities using symbols, different ideas about childhood, death, being male/female, discrimination, conflict.

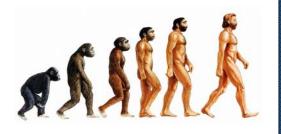
A2 Course: Unit 3: Global and Local globalisation and local life

We will study: impact of development projects, threats to and resistance by indigenous peoples, globalisation as threat or opportunity, whether technology changes the world.

Unit 4: The practice of anthropology

We will study: how anthropologists do research, ethics, anthropology and public policy, and Personal Investigation.

Can lead to: Any professional, administrative or managerial position e.g. the media, working in museums, research, international development, NGO, social work, civil service etc...



AS/A2 ART & DESIGN – FINE ART

Duration: Board: Assessment: AS 1 year / A2 2 years Edexcel Coursework & Examination

Course overview:

A Level Fine Art provides an exciting opportunity for students to develop a broad range of art skills such as drawing, painting and sculptur. Some students choose to incorporate newer digital technologies in their work. The course has an academic element to it and students learn how to respond to and discuss ideas, concepts and issue relating to art and design. There is a thematic coursework unit and an exam unit each year.

In Year 12 you will develop your fine art skills through studio based sessions that support you in working at or above A Level standard. You will explore your own ideas by making work in response to a theme. At the end of the year you will negotiate the focus for your studies in Year 13. In Year 13 you will refine and develop your skills and focus on building your creative strengths.

You will explore the work of other artists in greater depth and build a portfolio of work for foundation or degree interviews.

There will be a number of visits to galleries at home and abroad and workshops throughout the two years and students are also encouraged to make independent study trips to gather primary information. There will be an exhibition of your work at the end of each year

Can lead to:

Study at foundation or undergraduate level. Career opportunities in Fine Art, education or design e.g. fashion, textiles illustration, photography, games, multimedia, video, film and TV.



AS/A2 ART & DESIGN – GRAPHIC DESIGN

Duration: Board: Assessment: AS 1 year / A2 2 years Edexcel Coursework & Examination

Course overview:

A Level Graphic Design provides an exciting opportunity for students to develop a broad range of skills whilst developing their ideas in a graphic context. Some students choose to incorporate newer digital technologies in their work, using a range

In Year 12 you will develop your designing and creative skills through studio based sessions that support you in working at or above A Level standard. You will explore your own ideas by making work in response to a theme. At the end of the year you will negotiate the focus for your studies in Year 13. In Year 13 you will refine and develop your skills and focus on building your creative strengths.

You will explore the work of other graphic designers in greater depth and build a portfolio of work for foundation or degree interviews.

There will be a number of visits to galleries and workshops both at home and abroad throughout the two years and students are also encouraged to make independent study trips to gather primary information. There will be an exhibition of your work at the end of each year

Can lead to:

Study at foundation or undergraduate level. Career opportunities in design e.g. advertising, illustration, photography, games, multimedia, video, film and TV.



AS/A2 ART & DESIGN - PHOTOGRAPHY

Duration: Board: Assessment: AS 1 year / A2 2 years Edexcel Coursework & examination

Course overview:

This course is suited to those students who enjoy finding a solution to a problem using a wide range of practical lens based skills. This course is directed at those students who have taken Art and Media courses. Other students may apply, but must already possess good practical skill and have excellent thinking/problem solving skills. If you are interested in photography and enjoy seeing your own ideas come to life, together with finding out about famous photographers and what make an iconic image, then this is the course for you. This course will enable students to develop both wet and dry processing skills. Darkroom practice is a vital part of the basic photography skills, although digital photography is of equal importance to this qualification. It will provide the opportunity for students to exercise initiative, imagination and resourcefulness to acquire interdisciplinary skills and knowledge in the pursuit of good ideas.

Students will be expected to maintain a sketchbook/journal to log their ideas and progress through the course, whilst commenting critically on their work and on its relation to photographers and artists they have been studying. This journal forms a major part of the end of course assessments.

Can lead to:

Study at foundation or undergraduate level. Career opportunities in design e.g. fashion photography, illustration, photojournalism, multimedia, video, film and TV.



AS/A2 BIOLOGY

Duration: Board: Assessment: AS 1 year / A2 2 years OCR Examination & assessment of practical skills

Course overview

The course is divided into biological topics, each containing different key concepts of biology. Once the key features of a biological topic have been developed, applications are considered. The aims of the course are to encourage students to develop their interest in and enthusiasm for biology and understand how different aspects link together. Students should also appreciate how society makes decisions about scientific issues and how the sciences contribute to the success of the economy and society.

The AS course consists of 3 units:

Unit 1 – Cells, exchange and transport (30%)

Unit 2 – Molecules, biodiversity, food and health (50%)

Unit 3 – Practical skills in Biology 1 (20%)

The A2 course consists of 3 units:

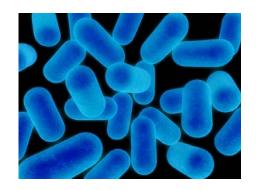
Unit 4 – Communication, homeostasis and energy (30%)

Unit 5 – Control, genomes and environment (50%) Unit 6 – Practical skills in Biology 2 (20%)

Units 1, 2, 4 and 5 are assessed through external exams, whilst units 3 and 6 are assessed through 3 internally assessed practical activities.

Can lead to:

A-level Biology is essential for students looking to pursue careers in medicine, nursing, dentistry, optometry, physiotherapy, pharmacy, veterinary science, zoology, marine biology, biochemistry, food science/nutrition and forensic science.



AS/A2 BUSINESS STUDIES

Duration: Board: Assessment: AS 1 year / A2 2 years OCR 100% Examination

Course overview:

AS Unit 1 – An introduction to business: Students will gain an appreciation of the nature of business, learn how businesses can be classified, see what the objectives of business may be and consider the other influences on business.

AS Unit 2 – Business functions: Students will gain an appreciation of the different aspects of business including the marketing function, the role of accounting and finance, issues relating to people within the organisation and the principles of operation management.

A2 Unit 3 – People: Students will understand the role of workers and management alike in business. Students look at the role of HR department, communicating within a business, how activities are controlled through motivation and the importance of employee and employee relations.

A2 Unit 4 – Strategic management: Students will appreciate how business objectives and strategy are formulated and applied. A range of external influences will be considered as well as how organisations deal with change.

It is not necessary to have studied Business Studies at GCSE to be successful in this course, it is more important to be numerate and literate and to have an interest in current business and economic issues.

Can lead to:

Degree courses including; Business, Management, Economics, Accountancy and Law. Successful Business students have pursued careers in Accounting, Finance, Human Resources, Marketing, Banking and Strategic Management.

"Ridiculous yachts and private planes and big limousines won't make people enjoy life more, and it sends out terrible messages to the people who work for them. It would be so much better if that money was spent in Africa – and it's about getting a balance."

Richard Branson

AS/A2 CHEMISTRY

Duration: Board: Assessment: AS 1 year / A2 2 years Edexcel Examination & assessment of practical skills

Course overview

Studying Chemistry should be a practical experience for students. The course contains practical activities within each unit and this will increase students' enjoyment and understanding of chemistry, as well as providing them with the skills needed to study science at higher levels. The course includes motivating, contemporary chemistry contexts. Students will study aspects of chemistry that are often in the media and affect their lives. It is important that students develop the necessary knowledge and understanding to explain many different aspects of contemporary chemistry.

The AS course consists of 3 units:

Unit 1 - Core principles of Chemistry (40%) Unit 2 - Application of core principles of Chemistry (40%)

Unit 3 - Chemistry lab skills 1 (20%)

The A2 course consists of 3 units:

Unit 4 – General principles of Chemistry 1 (rates, equilibria and further organic chemistry) (40%) Unit 5 - General principles of Chemistry 2 (transition metals and organic nitrogen chemistry) (40%) Unit 6 - Chemistry lab skills 2 (20%)

Units 1, 2, 4 and 5 are assessed through external exams, whilst units 3 and 6 are assessed through 3 internally assessed practical activities.

Can lead to:

A-level Chemistry is essential for students looking to pursue careers in medicine, pharmacy, dentistry, veterinary science, nursing, biochemistry, food science/nutrition, the petrochemical industry and forensic science.



AS/A2 DRAMA & THEATRE STUDIES

Duration: Board: Assessment: AS 1 year / A2 2 years Edexcel Coursework, examination & practical assessment

Course overview: Year 12 AS Units:

Unit 1: Internally assessed, 20% of A Level. Students explore two contrasting texts chosen by the school. Create exploration notes on individual research and response to practical work. Produce a theatre review of live performance.

Unit 2: Externally assessed, 30% of A Level. Students rehearse a group performance of a section of a published play, plus they perform a monologue or duologue from a different play.

Year 13 A2 Units:

Unit 3: 20% of A Level. Students devise a piece of theatre. You will be assessed on the quality of research and development of your work and on the final performance.

Unit 4: 30% of A Level (externally set and assessed). 2½ hour written exam (three sections). Sections A & B is one play which is studied and

explored from the view of a director. Section C is a selection of one historical theatre

time period from a choice of three.

Can lead to:

Theatre, television, radio, film, public relations and law.



AS/A2 ECONOMICS

Duration: Board: Assessment: AS 1 year / A2 2 years OCR 100% Examination

Course overview:

AS Unit 1 – Markets in action: Students gain an appreciation of how resources are allocated, the market model and selected aspects of what makes markets efficient or sees them fail.

AS Unit 2 – The national and international economy: Students are introduced to how levels of macro-economic activity are determined and also investigates key national and international economic indicators, policies and problems.

A2 Unit 3 – Economics of work and leisure: Students will focus on understanding and analysing labour market concepts and issues. Leisure industries are considered in terms of models of market structure and the way leisure impacts on the supply of labour.

A2 Unit 4 – The global economy: Provides students with the conceptual framework for the understanding, analysis, and evaluation of macroeconomic performance in national, regional and global contexts. The key topics are trade and integration, development and sustainability and the economics of globalisation.

It is not necessary to have studied Economics at GCSE to be successful in this course; it is more important to be numerate and literate and to have an interest in current business and economic issues. However you do require a C in Mathematics to do this course.

Can lead to:

Degree courses including; Economics, Accountancy, Law, Politics, Actuarial Science and Business. Successful Economic students have pursued careers in Banking, Finance, Risk Management, Insurance and Consultancy.

"...he intends only his own gain, and he is in this, as in many other cases, led by an invisible hand to promote an end which was no part of his intention..." Adam Smith

AS/A2 ENGLISH LANGUAGE & LITERATURE

Duration: Board: Assessment: AS 1 year / A2 2 years Edexcel 100% Examination

Course overview:

English Language and Literature is a study of the written and spoken language alongside producing creating pieces of writing for different purposes and audiences

AS Unit 1: Exploring voices in speech and in writing

This unit involves analysing written and spoken language, as well as closely analysing one prose text. The examination is 60% of the total AS

AS Unit 2: Creating texts

This is a thematic study which will involve students producing creative pieces of writing. Students will read one prose text alongside either drama or poetry. The coursework contributes to 40% of the AS grade

A2 Unit 1: Varieties in Language and Literature

This unit focuses on the varieties of texts in language and literature. Two drama or poetry texts will be studied. The examination will contribute to 60% of the grade.

A2 Unit 2: Presenting the World

This will involve topic based research which will lead to the production of your own pieces of writing. Students will read a range of texts.

Can lead to: Careers in Journalism. Law. Teaching, Marketing, Business, Media, and Writer



AS/A2 ENGLISH LITERATURE

Duration: Board: Assessment:

AS 1 year / A2 2 years AOA 60% examination & 40% coursework

Course overview:

AS LEVEL: Unit 1 Aspects of Narrative

Compare 4 types of writing, including 2 modern poets and 2 texts. For example, the modern text and now feature film 'The Kite Runner'. You will be analysing texts and comparing themes, characters and analysing how texts are constructed.

Unit 2

Dramatic Genres.

Coursework - You will read texts such as Shakespeare's 'Othello' and the modern play, 'A Death of a Salesman' and use your imagination to explore different interpretations. Optional Creative writing

A2 LEVEL:

Unit 3

Texts and Genres

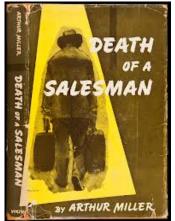
Focus on the Gothic genre, studying texts such as 'Wuthering Heights' and 'Dr 'Frankenstein', Faustus'

Unit 4

Further and Independent Reading. Students are able to cover a range of texts linking their ideas to literary criticism.

Can lead to:

Careers in Writing or Editina for newspapers/magazines, Publishing Firms, Public Relations, Broadcasting, Teaching, Sales and Marketing, Business Management, Law and Librarian



AS/A2 FRENCH

Duration: Board: Assessment: AS 1 year / A2 2 years Edexcel Oral & Written examination

Course overview:

Unit 1: Spoken Expression and Response in French (30% of total AS marks) Students are required to show their ability to converse in French (8-10 minutes) on a general topic area that they have chosen in advance. They will need to demonstrate that they can engage in a discussion in French that relates to a chosen general topic area and be expected to give relevant and appropriate information, convey opinions, interact and respond to a range of questions.

Unit 2: Understanding and Written Response in French (70% of total AS marks). Students need to understand and convey their understanding of French language texts and recordings. They will also produce an essay to show an ability to manipulate the French language in continuous writing. They will be expected to recognise and use the French language in a variety of contexts and in relation to a prescribed range of general topic areas.

Unit 3: Understanding and Spoken Response in French (35% of total A2 marks). Students are required to demonstrate the effectiveness of their Frenchlanguage skills by presenting and taking a clear stance on any issue of their choice. Students will be expected to interact effectively with the teacher/examiner, defend their views and sustain discussion as the teacher/examiner moves the conversation away from their chosen issue. They will be expected to use the language of debate and argument to discuss the issue and will also be assessed for understanding as well as communication and quality of spoken language.

Unit 4: Research, Understanding and Written Response in French (65% of total A2 marks).

Students have to demonstrate skills in advancedlevel French writing (discursive or creative essay) and translation from English into French. The students also need to demonstrate evidence of independent, advanced-level French language reading and research of a chosen text, play, film or topic area that links to the culture and/or society of a French-speaking country, countries or community.

All four units draw upon the following general topic areas: Youth culture and concerns, lifestyle: health and fitness, the world around us: travel, tourism, environmental issues and the French-speaking world, education and employment.

AS/A2 GEOGRAPHY

Duration: Board: Assessment: AS 1 year / A2 2 years Edexcel 100% Examination

Course overview:

Unit 1: Global Challenges:

This is an opportunity to explore the meaning, causes and impacts of a number of headline global issues. Opportunity to evaluate existing global problems and challenges that the planet faces in the 21st century are examined.

Unit 2: Geographical Investigations:

This unit provides an opportunity to look at how the human and physical environments are changing and the conflict that this creates. As part of this unit you will be required to take a five day residential trip to carry out fieldwork to supplement techniques for the examination.

This continues into A2

Unit 3: Contested Planet: Focus on the geographical challenges facing the use and management of global resources.

Unit 4: Geographical Research: Focus on a physical, social or environmental issue effecting the planet

Can lead to:

Students with AS or A2 Geography have access to a wide range of possible careers and higher education opportunities. It combines well with both science and art subjects, providing you with the skills for commerce, industry and further education and has become increasingly welcomed as an extremely versatile subject by many universities. The scope of job opportunities this course provides is also wide, including medicine, law and accountancy.



AS/A2 GOVERNMENT & POLITICS

Duration: Board: Assessment: AS 1 year / A2 2 years Edexcel 100% Examination

Course overview:

This course investigates the political systems of the UK and the US and gives students and in depth understanding of the workings of both these systems.

AS Course:

Students study two units on the following areas:

People and Politics

This unit looks at issues around the ideas of democracy and why and how people participate in politics. Students will also assess the impact pressure groups on the political system.

• Governing the UK.

Students will investigate how the political system works and look at how cabinet government operates. They will clearly understand the workings of the House of Commons and the House of Lords

A2 COURSE:

Students study two units on the following:

Units 3 & 4 will focus on the politics and society of the USA. Students will learn about the party system and the issues of participation. There will be an investigation of the executive, legislature and judiciary in the USA.

Can lead to:

Any professional, administrative or managerial position, e.g. lawyer, accountant, research work, teaching and lecturing, financial services, social work, medicine, the media



AS/A2 HISTORY

Duration: Board: Assessment: AS 1 year / A2 2 years AQA 75% examination 25% Coursework

Course overview:

AS Course There are 2 parts to this course:

Unit 1: Tsarist Russia 1855 – 1917.

This unit investigates Russia and its rules from 1855 until revolution in 1917. Students will investigate revolutionaries and the problems in Russian society. **Unit 2:** Britain and Appeasement 1914 – 1939 The focus of the unit is on Britain and its policies between the wars. Students will investigate how Britain interacted with other states in Europe.

A2 Course There are 2 parts to this course:

Unit 3: International Relations 1945 - 2007 The focus of this unit is on the Cold War and the relations between Capitalist and Communist regimes. There will also be a focus on events in the early part of the 21st Century

Unit 4: Historical enquiry coursework

Students will construct a historical enquiry of their choice based on change and continuity over a 100 year period.

Can lead to:

Any professional, administrative or managerial position, e.g. lawyer, accountant, research work, teaching and lecturing, financial services, social work, medicine, the media.



AS/A2 ICT

Duration: Board: Assessment: AS 1 year/ A2 2 years OCR 60% Examination 40% Coursework

Course Overview:

AS unit 1 – Information, Systems and Applications: Students cover data, information, knowledge and processing; software and hardware components and information systems. The main applications studied are spreadsheets concepts and relational databases, where students must assess the role and impact of ICT.

AS unit 2 – Structured ICT Tasks (Coursework): Students have the opportunity to explore, design, software development, testing and documentation.

A2 unit 3 – ICT Systems, Applications and Implications: Students gain an understanding of the systems cycle; designing computer-based information systems; networks and communication; applications of ICT; implementing computer-based information systems and implications of ICT.

A2 unit 4 – ICT Project: Students explore definitions, investigation and analysis; design software development, testing and implementation; documentation and evaluation through a clientdriven project.

It is not necessary to have studied ICT at GCSE to be successful in this course, it is more important to familiar and confident with computer systems and applications.

Can lead to:

Degree courses including; ICT, Computing, Programming, Management and Media. Successful ICT students have pursued careers in Software Development, Website Designer, ICT Support, Programmer (Gaming), ICT Analyst/ Engineer.



AS/A2 MATHEMATICS - STATISTICS

Duration:AS 1 Year / A2 2 YearsBoard:EdexcelAssessment:Three modular examinations

Course overview:

Candidates study an AS in Mathematics in Year 12. Those students, who wish to continue their studies into Year 13, in order to obtain an A Level, will follow the A2 Course in Mathematics.

The course has been designed to enable students to acquire knowledge and skills with confidence, satisfaction and enjoyment and develop resourcefulness in solving problems.

There are 3 Units in Year 12 examined at the end of that year, resulting in an AS in Mathematics. In Year 13 there are a further 3 Units again examined at the end of that year, resulting in a full A Level in Mathematics. Candidates may re-sit any of the Units only once during their course.

The students can choose from the following Units:

- 4 Units in Core Mathematics
- 2 Units in Statistics
- 1 Unit in Decision Maths

Students will learn to apply mathematics and to recognise its significance in other disciplines.

Can lead to:

Accountant, Actuary Economist, Financial Advisor, Statistician, Banking / Investment Analyst, Research and Development, Civil Service



AS/A2 MATHEMATICS - MECHANICS

Duration: Board: Assessment: AS 1 year / A2 2 years Edexcel Three modular examinations

Course overview:

Candidates study an AS in Mathematics in Year 12. Those students, who wish to continue their studies into Year 13, in order to obtain an A Level, will follow the A2 Course in Mathematics.

The course has been designed to enable students to acquire knowledge and skills with confidence, satisfaction and enjoyment and develop resourcefulness in solving problems.

There are 3 Units in Year 12 examined at the end of that year, resulting in an AS in Mathematics. In Year 13 there are a further 3 Units again examined at the end of that year, resulting in a full A Level in Mathematics. Candidates may re-sit any of the Units only once during their course.

The students can choose from the following Units:

- 4 Units in Core Mathematics
- 2 Units in Statistics
- 1 Unit in Decision Maths

Students will learn to apply mathematics and to recognise its significance in other disciplines.

Can lead to:

Research and Development Mechanical Engineering Electronic engineering Civil engineering



Duration: Board: Assessment: AS 1 year Edexcel Three modular examinations

Course overview:

Candidates who wish to study an AS in Further Mathematics in Year 12 will do so whilst studying AS Mathematics.

The course enables students to acquire knowledge and skills with confidence, satisfaction and enjoyment and to develop resourcefulness in solving problems.

There are 3 Units in Year 12 examined at the end of that year, resulting in an AS in Further Mathematics. In year 13 there are a further 2 Units again examined at the end of that year, resulting in a full A Level in Further Mathematics. Candidates may resit any of the Units only once during their course.

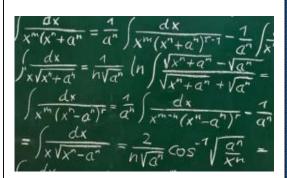
The students can choose from the following Units:

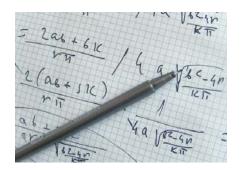
- 3 Units in Further Mathematics
- 2 Units in Statistics
- 1 Unit in Decision Mathematics
- 2 Units in Mechanic

Students will learn to apply mathematics and recognise is significance in other disciplines.

Can lead to:

Science Engineering Research and Development Commerce Economics Information Technology





AS/A2 MEDIA STUDIES

Duration: Board: Assessment: AS 1 year / A2 2 years OCR Coursework & examination

Course overview:

This course combines a theoretical analysis of modern media with a hands-on practical component enabling students to create their own media products, including film trailers and music magazine publishing.

At both AS and A2 Level, candidates show their creative flair by producing their own media product, supported by a folder of research, theory and analysis and sit an exam exploring their appreciation of media design, concepts and key media issues.

Candidates use Photoshop, Illustrator, Premiere Pro/Final Cut pro and a range of industry standard resources and filming/editing/sound equipment. All work is submitted digitally via the student's own blog site.

Students need to be interested in the media. Those who succeed on the course will be dedicated, committed, enthusiastic, able to work with others, familiar with at least two media forms (such as TV, film, radio), able to express themselves well orally and in writing.

Can lead to:

Study at foundation or undergraduate level. Career opportunities in design e.g. advertising, journalism, illustration, photography, games, multimedia, video, film and TV.

The creative industries are now the largest & fastest growing employment sector in the UK and the study of art & design is a valuable pathway to careers in film/TV, fashion, architecture, digital/website design, advertising & media, product design, graphic design and many more...

Heston is a Visual Arts Specialist School located close to the hub of Europe's media capital, West London, and we have strong partnership links with professional industry and world renowned Arts Universities.



AS/A2 PHYSICS

Duration: Board: Assessment: AS 1 year / A2 2 years Edexcel Examination & assessment of practical skills

Course overview

Edexcel's Physics course has been designed to engage and inspire students who have different needs and abilities by providing two distinct, flexible, teaching and learning approaches: A **concept-led** approach, which begins with a study of the laws, theories and models of physics and finishes with an exploration of their practical applications. Or a **context-led** topic approach, which begins with the consideration of an application that draws on many different areas of physics, and then moves on to the laws, theories and models of physics underlying this application. This course enables motivating, up-todate, contemporary contexts to be included.

The AS course consists of 3 units:

Unit 1 – Physics on the go (40%) Unit 2 – Physics at work (40%) Unit 3 – Exploring physics (20%)

The A2 course consists of 3 units:

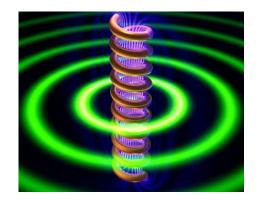
Unit 4 – Physics on the move (40%) Unit 5 – Physics from creation to collapse (40%)

Unit 6 – Experimental physics (20%)

Units 1, 2, 4 and 5 are assessed through external exams, whilst units 3 and 6 are internally assessed and focus on investigation of a particular application of physics.

Can lead to:

A-level Physics is essential for students looking to pursue careers in architecture, engineering, medical physics (ultrasound, MRI scanning and radiography), aviation and meteorology.



AS/A2 PSYCHOLOGY

Duration: Board: Assessment: AS 1 year / A2 2 years AQA 100% examination

Course overview: AS Course:

Unit 1: Cognitive Psychology, Developmental Psychology and Research Methods: Students will study Memory and eye witness testimony, early social development, attachment and the effects of daycare, research methods

Unit 2: Biological Psychology, Social Psychology and Individual Differences: Students will study stress, factors affecting stress, coping with stress and stress management. Conformity, obedience and independent behaviour and Abnormality.

A2 COURSE:

Unit 3 – Topics in Psychology

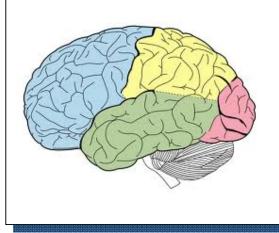
Biological rhythms and sleep; Perception; Relationships; Aggression; Eating behaviour; Gender; Intelligence;

Unit 4 – Psychopathology, Psychology in Action and Research Methods:

Biological approach, behaviourism, social learning theory, cognitive approaches, psychodynamic and humanistic approaches.

Can lead to:

Any professional, administrative or managerial position e.g. lawyer, accountant, museum or research work, teaching and lecturing, financial services, social work, educational or occupational psychology, criminology and medicine.



AS/A2 SOCIOLOGY

Duration:AS 1 yBoard:AQAAssessment:100%

AS 1 year / A2 2 years AQA 100% examination

Course overview AS Course:

Unit 1 - Families and Households

Different types of families including single parents, step families, families from different cultural background and civil partnership. Divorce – who divorces, why and what impact does it have on children. The changing role of childhood in the family and society.

Unit 2 – Education and Research Methods

The impact thet education and training has for the individuals in society. Patterns and causes of differential education achievement by social class, gender and ethnicity in contemporary society. What affects teacher-pupil relationships and causes pupil subcultures. Sociological methods and how is it used in context of Education.

A2 Course:

Unit 3 - Beliefs in Society. 1 hour and 30 minutes. The significance of religion in the contemporary world in global context. Different theories of ideology, science and religion. Religious organizations including Church, denomination, sects and cults and New Age Movements. The relationship between religious beliefs and social change.

Unit 4 - Crime and Deviance. and Theory and Methods. Different theories of crime, deviance, social order and social control. Globalisation and crime in contemporary society; the mass media and crime, green crime, human rights and state crimes. Crime control, preventions, punishment, victims, and the role of criminal justice system. The connections between sociological theory and methods and the study of crime and deviance.

Can lead to:

Any professional, administrative or managerial position e.g. lawyer, accountant, museum or research work, teaching and lecturing, finance



BTEC FIRST DIPLOMA IN BUSINESS

Duration: Board: Assessment: 1 year Edexcel 100% Coursework

Course Overview:

The 60-credit BTEC Level 2 Diploma extends the specialist work-related focus from the BTEC Level 1. There is potential for the qualification to prepare learners for employment in the appropriate vocational sector and it is suitable for those who have decided that they wish to enter a particular area of work. It is the equivalent to four GCSEs.

Some learners may wish to gain the qualification in order to enter a specialist area of employment or to progress to a Level 3 programme.

The BTEC Firsts in Business have been designed to address the needs of Level 2 learners in key areas, including interpersonal skills and customer service. Learners have the opportunity to develop skills to support them as they build relationships with a wide variety of customers internal and external to a range of business environments.

Specialist areas also include:

- Finance, both personal and business, together with bookkeeping, which supports development of basic financial principles
- Working in business teams and team leading business support or administration, which supports development of practical administration skills including
- Office systems and equipment, meeting support and filing systems
- Personal selling, which helps learners to understand the personal selling process
- Aspects of business on-line and how this can support businesses to develop opportunities
- Enterprise and business start-up, which is available at both Level 2 and Level 3.

BTEC FIRST DIPLOMA IN MEDIA

Duration:1Board:EAssessment:C

1 year Edexcel Coursework

Course overview

The Edexcel First Diploma Course in Media is equivalent to four GCSEs of C grade or above. Students will follow a course which offers modules in all aspects of the media: Graphics and advertising Video (filming and editing) Journalism Film studies Photojournalism Radio and a study of all the industries that represent these areas.

This will essentially be a full-time course, although students will be allowed the opportunity to retake Mathematics and English if necessary. Each student will be required to take three mandatory units and two optional units.

Work experience in a placement relevant to the course will be undertaken by all students.

Can lead to:

Progression from this course could be into the media industry although students are usually expected to progress into BTEC Nationals or the Creative and Media Diploma





BTEC NATIONAL DIPLOMA IN BUSINESS

Duration: Board: Assessment: 2 years Edexcel 100% Coursework

Course Overview:

The 120-credit BTEC Level 3 Diploma broadens and expands the specialist work-related focus from the BTEC Level 2 Diploma. There is potential for the qualification to prepare learners for employment in the appropriate vocational sector and it is suitable for those who have decided that they wish to enter a particular area of work. It is the equivalent to **two GCE A Levels**.

Some learners may wish to gain the qualification in order to enter a specialist area of employment or to progress to university.

BTEC Nationals are designed to provide much of the underpinning knowledge and understanding for the National Occupational Standards (NOS), as well as developing practical skills in preparation for work.

The Edexcel BTEC Level 3 Nationals in Business relate to the following NOS:

- Management and leadership
- Customer service
- Understanding enterprise
- Pre-enterprise
- Business administration
- Retail
- Accounting
- Marketing and sales
- Legal advice
- Human resources
- Health and safety.



BTEC NATIONAL DIPLOMA IN CREATIVE MEDIA PRODUCTION

Duration: Board: Assessment:

2 years Edexcel 100% Coursework

Course overview: The BTEC National Certificate in Media Production is equivalent to two 'A' levels and is designed as a specialist work related qualification for those who have a clear view of their future career or want to enter higher education in a related field.

They are highly valued by universities, further education colleges and employers alike.

Media is the largest and most diverse part of the Creative Industries economy in the UK, which is growing faster than any other sector and offers a huge range of career opportunities. London is regarded as Europe's media capital.

Course structure: There are no exams, just a series of guided coursework deadlines that allow students to control their own best working practices while exploring their full creative potential.

Students will complete 4 units on media practices, 1 specialist unit and 7 units that explore fast growing modern Media areas, including:

- Photography
- Film/TV/Video production
- Radio/broadcasting
- Journalism
- Graphic Design.
- Web Design

Students investigate the skills that are essential to the media industry whilst exploring the media industries that exist in Britain.

Students will become familiar with high speed development of technologies and digital media that will lead to a forward thinking approach and an ability to adapt to evolving media requirements. (Students may take an additional A level in another subject area).

Can lead to: Careers and supporting roles in the creative industries & media: film/TV production, advertising and marketing, web and computer game design, the music industry, journalism, fashion, radio/broadcasting, photography, publishing.



BTEC NATIONAL DIPLOMA IN ICT

Duration: Board: Assessment: 2 years Edexcel 100% Coursework

Course overview: A BTEC ICT National is a highly practical, work-related course. The diploma provides a broad educational basis for further training and further education or for moving into appropriate employment within the IT sector.

Students learn by completing projects and assignments that are based on realistic workplace situations, activities and demands. Students focus on a particular subject area and develop a range of specialist skills and knowledge. The full qualification comprises of twelve units.

The Units of Study for the First Year are as follows:

Unit 1 Information, communication and Employability skills for ICT

Unit 2 Computer Systems

- Unit 3 Information Systems
- Unit 4 Impact of IT on Business Systems
- Unit 5 Managing Networks
- Unit 8 E-Commerce

The Units of Study for the Second Year are as follows:

- Unit 30 Digital Graphics
- Unit 7 Organisational Systems Security
- Unit 9 Computer Networks
- Unit 11 Systems Analysis and Design Unit 37 2D Animation Production

Method of Assessment:

Assessment is continual through coursework; practical activities; demonstration/assignments which are internally assessed and moderate. External moderation can take place on a random sample basis.

Can lead to: Careers in: IT consultancy, web and computer game design, animation, creative, programming and media industry jobs.



BTEC NATIONAL DIPLOMA IN SPORT

Duration: Board: Assessment: 2 years Edexcel 100% coursework

Course overview:

- Qualification credit value: a minimum of 120 credits.
- Mandatory unit credit: 70 credits.
- Optional unit credit: 50 credits.

Mandatory units chosen from:

Principles of Anatomy and Physiology in Sport, The Physiology of Fitness, Assessing Risk in Sport, Fitness Training and Programming, Sports Coaching, Sports Development, Fitness Testing for Sport and Exercise, and Practical Team Sports or Practical Individual Sports

The qualifications provide opportunities for learners to focus on the development of personal, learning and thinking skills, Functional Skills, and wider skills in a sport context, such as environmental issues and health and safety considerations.

Can lead to:

These BTEC qualifications in Sport have been designed to build on learning from Key Stage 4 or other level 2 qualifications, for those who may wish to explore a vocational route at level 3. They provide a suitable foundation for further study within the sector through to progression on to qualifications such as the BTEC Higher Nationals in Sport or related areas.

The sport and leisure industry comprises leisure and health centers' and private sector and public sector clubs. Opportunities include working with sports professionals, in fitness, sports coaching and outdoor education. The BTEC Level 3 National Awards in Sport provide a springboard to a university degree or Foundation Degree in an appropriate vocational discipline, to BTEC HNCs and HNDs, or to employment.



GCSE ENGLISH

Duration: Board: Assessment:

1 year AQA 40% Examination, 40% Controlled Assessments, 20% Speaking and Listening

Course overview:

Students will complete this course in 1 year. Students will practice their language and literature skills in this course and is very similar to GCSE English Language.

English Examination

The paper is divided into 2 sections – reading and writing. In Section A, students will be asked to read and respond to different texts, recognizing language and presentational features and comparing texts. In Section B, students will undertake 2 writing tasks which will test their ability to write clearly, coherently and accurately. This is worth 40% of the total grade.

Controlled Assessments

Students will do 3 Controlled Assessments. 2 of these test their Creative writing skills and 1 tests their reading skills. Students will read a novel, play and study poetry as part of this course. These will be completed in controlled conditions and is worth 40% of the grade.

Speaking and Listening

Students will have to undertake a minimum of 3 Speaking and Listening tasks and will do an individual presentation, a group task and a role play/drama related task. These will be assessed internally and count for 20% of the overall grade.

GCSE MATHEMATICS

Duration: Board: 1 year Edexcel GCSE 5MB1

Course overview:

The students will continue to study the four Attainment Targets in Mathematics: Using and Applying Mathematics, Number and Algebra, Shape and Space, and Handling Data.

The aims of the subject are for the students to:

- Deepen and develop mathematical knowledge and skills
- Be able to apply these with confidence to everyday situations, using Mathematics as a language of communication
- Recognise where everyday language involves mathematical processes.

Methods of Assessment

This is a linear course, which is examined at the end of Year 12 with one calculator paper and one non-calculator paper. Both examinations are available in higher tier (A^* to C grade) and Foundation tier (C to G grade).

The syllabus will enable the students to develop an understanding of mathematical reasoning and to relate different areas of mathematics to each other.

A grade C is a requirement for entry to University for all courses





YR 13 HIGHER EDUCATION DESTINATIONS 2012

Surname	Forenames	University	Course
Ahluwalia	Harpreet	University of Hertfordshire	Business Computing
Ali	Samiyah	Royal Holloway, University of London	Politics and International Relations
Ambasana	Priyanka	Roehampton University	Biomedical Sciences
Bahadur	Nakul	Middlesex University	Marketing
Bains	Jordan	Brunel University	Economics and Management
Bansal	Onkar Singh	University of Warwick	Mechanical Engineering
Bharaj	Jay	University of Reading	Economics
Bhullar	Kirpal Kaur	University of Coventry	Business Management
Butt	Faheen	Middlesex University	Business Information Systems and Management
Chaggar	Curran	University of Hertfordshire	Business/Computing
Chan	Diana	University College London	Arts and Sciences
Chana	Kirpa Singh	St Martins, University of the Arts London	Diagnostic Art Foundation
Chaudhary	Sumaya	Brunel University	Business and Management
Chopra	Andre	Brunel University	International Business
Cunha Mahomed	Eric	University of Winchester	Journalism
Dhaliwal	Amrik	London College of Accountancy,	Business and Law
Dhaliwall	Pravjit	University of Westminster	English Literature
Dhillon	Ankush	Nottingham Trent University	Communication & Society and Film &TV
Dhillon	Karampal	University of Westminster	Business Management (Accounting)
Dhindsa	Amrit	Northampton University	Geography
Dhingra	Savneet	Brunel University	Psychology
Dunga	Radhika	Royal Holloway, University of London	Economics
Gadhia	Sanjay	University of Manchester	Economics
Ghai	Sukhvinder	De Montfort University	Graphic Design
Gill	Anil	University of Westminster	Law
Godfrey	Hayden	University of Sheffield	Philosophy
Grewal	Nakita	Birmingham City University	Law
Grewal	Riya	Birmingham City University	Accountancy
Grover	Sanamjit	University of Westminster	Biomedical Sciences
Guron	Jiwanjot Singh	University of Southampton	Engineering with Foundation Year
Hayer	Manjinder	Roehampton University	Drama, Theatre & Performance Studies
Jand	Vani	University of Southampton	Economics
Jasrai	Nidha	University of Southampton	English and Philosophy
Jaswal	Amandeep	University College of the Arts	Fashion Design
Javed	Umarrah	University of Westminster	Business Management
Johnson	David	Kingston University	IT for E-Business
Kalib	Nafisa	Middlesex University	Education Studies
Kanwal	Jessica	University of Bath	Business Administration
Kapoor	Emi	Kingston University	Computing Studies
Kaur	Amarjot	University of Birmingham	Dentistry
Kaur	Raveena	London School of Business & Finance	Law
Khan	Rushna	Roehampton University	Journalism
Khan	Umber	University of Kent	Social Sciences
Khan	Zaynab	City University London	Law
Kharay	Manvir	City University London	Investment and Financial Risk Management
Lalseta	Kishan	Kingston University	Pharmacy
Latif	Cassum	Brunel University	Business & Computing
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Mall	Neelam Raj	The College of Law	Law
Matharu	Manpreet	University of Hertfordshire	Law
Matharu	Ravina	Southampton Solent University	Writing Fashion and Culture
Matta	Sahiba	Aston University	Accounting for Management
Middleton	Chelsea	Southampton Solent University	Business Management
Mohammed	Yahya	University of East London	Law
Mudhar	Satnam	Nottingham Trent University	Media
Mudhoo	Reema	Kings College London	Nursing Studies with registration as a nurse
Nijjar	Jaitegh Singh	The University of Nottiingham	Medicine with a Foundation Year
Odedra	Hetal	Royal Holloway, University of London	Economics and Mathematics
Padda	Sartaj	Royal Holloway, University of London	Economics
Pandya	Sona	University of Westminster	Accounting with Management
Panesar	Gaganjot Kaur	University of Westminster	Multimedia Computing
Panesar	Harkirat	University of Hertfordshire	Pharmacy
Parker	Stacey	Royal Holloway, University of London	Psychology
Patel	Vaishali	University of Westminster	Accounting with Management
Purewal	Gursiratpal	Kings College London	Pharmacy (Master of)
Rahman	Adeeb	University of Westminster	International Marketing
Rathore	Ashish	University College London	Medicine (6 years)
Rizvi	Kumell	City University London	Optometry
Ryatt	Angad Singh	Kings College London	Pharmacy (Master of)
Saeed	Sana	London Metropolitan University	Criminology
Saleem	Tamoor	University of Warwick	Engineering
Sandhu	Amar	Royal Holloway, University of London	Geography
Sharma	Ambika	Royal Holloway, University of London	Economics
Sharma	Anjali	Aston University	Business, Management and Public Policy
Sheikh	Zahrah	Brunel University	International Business
Shikarpoori	Ricky	University of Kent	Psychology
Sidhu	Chander	Birmingham City University	Computer Science
Singh	Luckveer	University of York	English/History
Tank	Jaydeep	University of Bedfordshire	Media Production
Thind	Harjot Kaur	City University London	Criminology and Sociology
Vaid	Aman	University of Plymouth	Business Management
Waheed	Daniaal	University of Westminster	HND Sports Science
Zamir	Saqib	University of Westminster	Business Information Systems
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