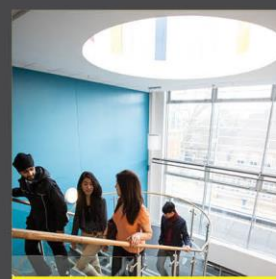

Sixth Form Course Guide

2017 - 2018



Heston
COMMUNITY
SCHOOL



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 020 8572 1931 at any time if you wish to talk through your options in person or email info@hestoncs.org.

We look forward to you joining the Sixth Form at Heston Community School.



H. Evans

Hywel Evans
Post-16 Learning Co-ordinator

HOUNSLOW CONSORTIUM ARRANGEMENTS

A Message from Our Post-16 Consortium Partners

Whilst the majority of our students opt to complete their post-16 studies at their home school, we have developed a well-established and very successful post-16 Offer across a number of local schools. We are committed to always ensuring the very best provision for our students and believe that our 'offer' provides a unique opportunity to access high-quality teaching and learning experiences. We also know our students well and are therefore better able to provide the guidance and support required to ensure a smoother transition to university or the work place.

In order to continually improve our provision, we have recently formed a new partnership with a number of other local schools. These new relationships aim to:

- Provide an increased range of courses by giving access to courses at partner schools
- Ensure that students can study A Level courses in a wider variety of combinations
- Increase the range of vocational courses available to our students
- Continue to access experienced and specialist teaching throughout the Sixth Form
- Broaden the enrichment opportunities for our students.

A list of the courses on offer within the partnership is included in the information that you will receive in the application documentation. Your application form will be processed at school in the normal manner.

Some of you may wish to explore the opportunities of studying new courses at one of our partner schools. Representatives from the partner schools will be present at our Open Evening and arrangements can be made for you to visit Partner Schools to explore your options.

CONTENTS

POST-16 PATHWAYS AT HESTON COMMUNITY SCHOOL

POST-16 ADMISSIONS CRITERIA

A LEVEL COURSES

VOCATIONAL COURSE

GCSE ENGLISH / MATHEMATICS

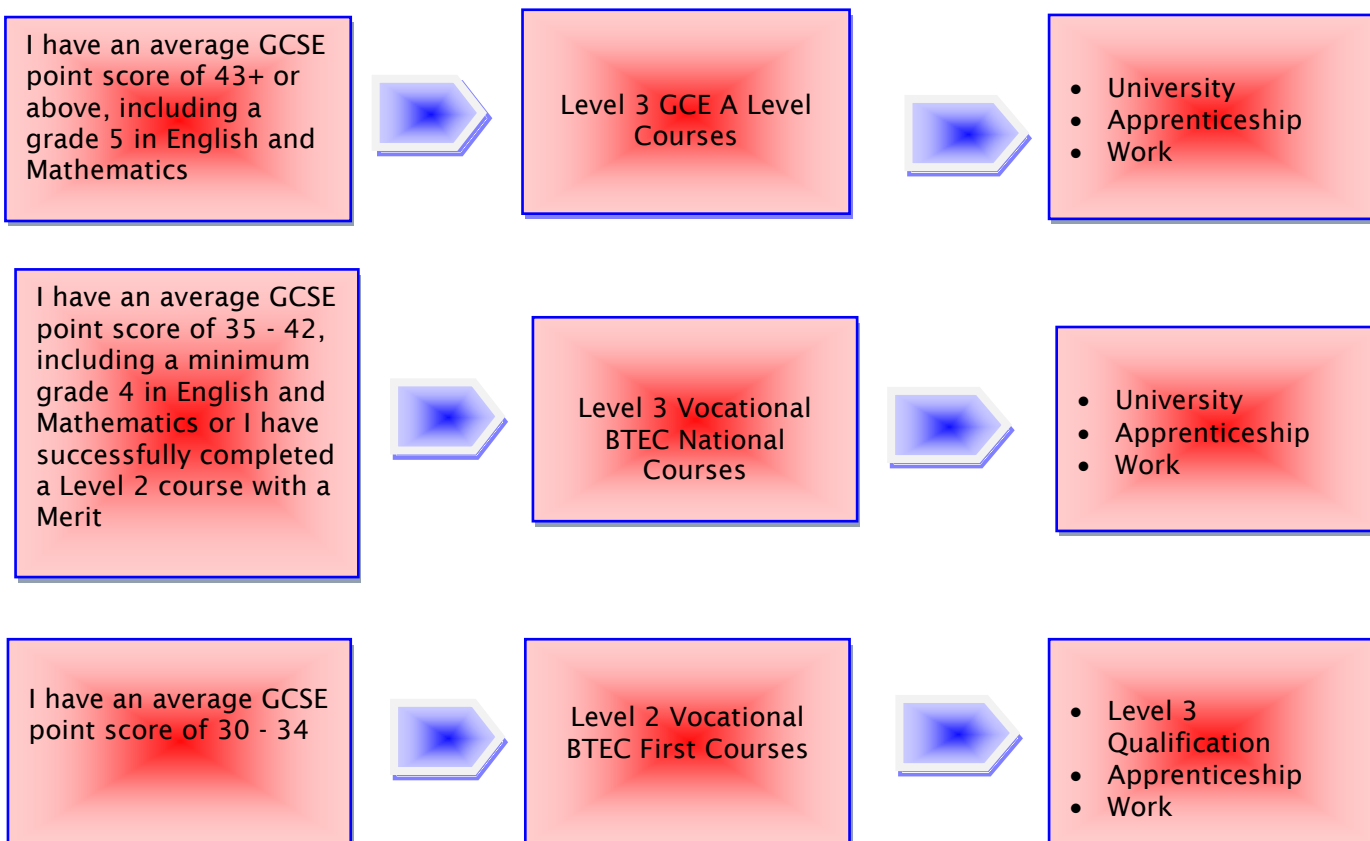
POST-16 COMMUNITY SERVICE AND PRIVATE STUDY

UNIVERSITY DESTINATIONS 2016

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 each another. The table also shows the progression routes available at Heston Community School and how you might move from one pathway to another.



POST-16 ADMISSIONS CRITERIA

Year 11 students will be sitting the new style GCSE assessments in English and Mathematics whilst all other subjects will maintain the existing arrangements in the Summer Examinations.

English and Mathematics grades will be graded using numbers on a 1-9 scale, with 9 being the highest. There is no neat overlap between the new and old grading systems. Additionally, the new A levels have become more challenging. The entry criteria below will provide a broad indication of our expectations concerning requirements to begin a course. Given this is the first year of the new assessment in English and Mathematics, we expect there will be a need to assess student's suitability for courses on a more individual basis if the full requirements are not met. One to one conversations with a senior leader on the day of enrolment will make the final decision for students who do not automatically fulfil the entry requirements.

A Levels

You must have achieved a Grade 5 in English and Mathematics and an average point score of 43¹ in the remaining subjects. In addition to this minimum entry requirement, it is preferable for students to have achieved at least GCSE Grade B/6 in any subject that they intend to study at A level.

However, the following subject specific requirements will apply:

AS Further Mathematics	Grade 7+ in GCSE Mathematics
A Level Mathematics	Grade 6 in GCSE Mathematics
A Level Biology	Grade BB in GCSE Double Science
A Level Chemistry	Grade BB in GCSE Double Science
A Level Physics	Grade BB in GCSE Double Science
A Level Sciences will prefer students to also have a Grade 6 in Mathematics	

BTEC National

You must have achieved a minimum Grade 4 in English and Mathematics and an average GCSE Point Score of 35 – 42¹ for the remaining subjects.

VCERT Diploma in Business: Sales & Marketing (Level 2)

You must have achieved a minimum Grade 3 in English and Mathematics and an average GCSE Point Score of 30 – 34¹.

GCSE English

You will have achieved below a grade 4 in GCSE English.

GCSE Mathematics

You will have achieved below a grade 4 in GCSE Mathematics.

Where courses are oversubscribed, students' average GCSE point score, English and Mathematics grade will be used to allocate places.

1	Old GCSE Point Scores	1	New GCSE Point Scores (English and Mathematics)
	A* = 58 points		A* = 8 points
	A = 52 points		A = 7 points
	B = 46 points		B = 6 points
	C = 40 points		C = 5 points (2017 only 4 points = Pass)
	D = 34 points		D = 4 points
	E = 28 points		E = 3 points
	F = 22 points		F = 2 points
	G = 16 points		G = 1 point

ADVANCED LEVEL COURSES You must choose **THREE A Level subjects** or **TWO BTEC National Subjects**

***A LEVEL SUBJECTS** (One tick per block, maximum of 3 subjects)

Block A	
SUBJECT	✓
Biology	
Chemistry	
Economics	
English Literature	
Sociology	
English Resit	
Maths Resit	

Block B	
SUBJECT	✓
Business Studies	
Maths	
Further Maths (AS only)	
Government & Politics	
Psychology	

Block C	
SUBJECT	✓
Biology	
Business Studies	
Graphic Design	
Geography	
Physics	

Block D	
SUBJECT	✓
Chemistry	
History	
Maths	
Psychology	
Photography	

Block E	
SUBJECT	✓
English Resit	
Maths Resit	
Fine Art (Vertical)	
Consortium Partners include	
• Brentford School for Girls	
• Isleworth & Syon School for Boys	
• Logic Studio School	
• Spring West Academy	
• Reach Academy	
• The Green School for Girls.	
French, Spanish, Music, Textiles Art, Photography and a variety of other A Levels and Vocational Opportunities	

***BTEC NATIONAL**

To gain the double award (12 Units) students must choose both the primary (6 Units) and secondary (6 Units) blocks of a subject

To gain a single award (6 Units) students must the primary block of the subject

Block A	
	✓
BTEC Business (Primary)	

Block B	
	✓
BTEC ICT (Primary)	

Block C	
	✓
BTEC Business (Secondary)	

Block D	
	✓
BTEC ICT (Secondary)	

Block E	
	✓

***LEVEL 2**

Block A to E	
	✓
VCERT Diploma in Business: Sales & Marketing (Level 2)	

***All students will be expected to undertake two lessons of private study and two lessons of community service.**

Any student who did not gain a grade 4 or above in English and Mathematics must choose a resit course.

- It is vital you have the correct APS and conditions of entry.
- Failure of sufficient students to opt may mean the removal of a subject from the blocks

All students will be expected to undertake 2 lessons of community service and 2 lessons of private study in Year 12 and 13. Any student who did not gain a grade 4 or above in Maths and English must choose a resit course.

Please **rank** your subjects in their importance to you.

1st choice _____

2nd choice _____

3rd choice _____

Community Service _____

- It is vital you have the correct APS and conditions of entry.
- You are clear about the choices (failure of sufficient students to opt may mean the removal of a subject from the blocks).
- We will use this information to make changes to which subjects are placed in specific blocks so please fill in this section accurately.

Comment Box:

Are there either any clashes or additional courses you want us to consider?

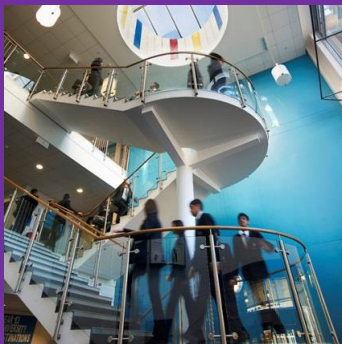
Sixth Form Courses

A Level Courses

Vocational Courses

GCSE English

GCSE Maths



ART & DESIGN – FINE ART

Duration: 2 Years
Board: Edexcel
Assessment: Coursework & Examination

Course Overview:

The Course provides students with the skills to develop a broad range of art practices including drawing, painting, printing, digital image manipulation and sculpture. All of which can lead to fulfilling occupations in the creative sector. The Course also has an academic element and students learn how to respond in a personalised way to ideas, concepts and issues. There is a different theme for both the coursework and exam unit each year.

In year 12: You will develop your Fine Art skills through studio based sessions that support you in working to a very high standard. You will explore your own creative ideas by producing work in response to a theme. You will explore and analyse the work of other artists in depth

In year 13: You will refine and develop sophisticated technical skills and you have the opportunity to express unique personal ideas through your work. At the end of the course, you will be fully prepared for a 15 hour exam completed over several days.

You will build a portfolio of work for an Art Foundation or Degree Course or as a complimentary A level to enhance you're interview success for entry to courses in other subjects.

There will be visits to Galleries and prestigious Arts Universities with whom we have strong partnerships.

There will be a large public exhibition of Student's Work at the end of each year.

Can lead to:

Study and careers in architecture, product and vehicle design, Fashion, fine art, Illustration, Photography, web and game Design, Multimedia, advertising, interior design, Film, TV and music promos



ART & DESIGN – GRAPHIC DESIGN

Duration: 2 Years
Board: Edexcel
Assessment: Coursework & Examination

Course Overview:

Graphic Design is all about visual communication and getting a message across through word and image. The Course provides students with the skills to develop graphic design practices including drawing, printing, using colour, digital image manipulation, animation and photography and can lead to fulfilling occupations in the creative sector. Students learn how to respond in a personalised way to ideas, concepts and issues. There is a different theme for both the coursework and exam unit each year.

In year 12: You develop your Graphic Art skills through studio based sessions, to a very high standard. You will explore your own creative ideas by producing work in response to a theme. You will explore and analyse the work of other artists in depth

In year 13: You will refine and develop sophisticated technical skills and you have the opportunity to express unique personal ideas through your work. At the end of the course, you will be fully prepared for a 15 hour exam.

You will build a portfolio of work for an Art Foundation or Degree Course or as a complimentary A level to enhance you're interview success for entry to courses in other subjects.

There will be visits to Galleries and prestigious Arts Universities with whom we have strong partnerships.

There will be a large public exhibition of Student's Work at the end of each year.

Can lead to:

Study and careers in graphic design, architecture, product design, Fashion, Illustration, Photography, web and game Design, Multimedia, advertising, interior design, Film, TV and music promos....



ART & DESIGN PHOTOGRAPHY

Duration: 2 Years
Board: Edexcel
Assessment: Coursework & Examination

Course Overview:

If you are interested in Photography, enjoy seeing your own ideas come to life and want to learn a range of exciting visual and technical skills, then this is the course for you. In our fully equipped studios, you will explore digital photography, experimental dark room techniques, image manipulation software and all forms of light-based media. It is a highly creative subject, producing some of the most impressive artwork in the school's annual exhibition. As a result this is a highly popular and successful course.

In year 12 you develop your technical Photography skills through studio based sessions, to a very high standard. You will explore your own creative ideas by producing work in response to a theme. You will explore and analyse the work of other photographers in depth.

In year 13 you will refine and develop sophisticated technical skills and you have the opportunity to express unique personal ideas through your work. At the end of the course, you will be fully prepared for a 15 hour exam.

You will build a portfolio of work for a Degree Course or as a complimentary A level to enhance you're interview success for entry to courses in other subjects.

There will be visits to Galleries and prestigious Arts Universities with whom we have strong partnerships. There will be a large public exhibition of Student's Work at the end of each year.

Can lead to:

Study and careers in photography, journalism, Fashion, Illustration, web and game design, Multimedia, fine art, advertising, Film, journalism, TV and music promos...



BIOLOGY

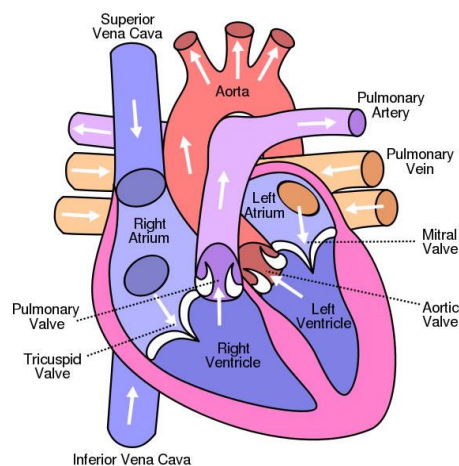
Duration: 2 Years
Board: AQA
Assessment: Examination

Course Overview:

Students will study the key concepts of Biology in a wide range of contexts and applications. Students will develop their understanding of how different scientific aspects link together and how society is affected by controversial biological issues. The study of practical Biology underpins the whole course and students will be given plenty of opportunity to develop their planning, implementation, analysis and evaluation skills.

Students will study topics linked to animal physiology such as the respiratory, circulatory, hormonal, nervous and immune systems. Biochemical reactions such as respiration and photosynthesis, ecology based topics such as biodiversity, ecosystems and sustainability, as well as the cutting edge research in genetics, biotechnology and cloning.

Can lead to: An 'A' Level in 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.



BUSINESS STUDIES

Duration: 2 Years
Board: EDEXCEL
Assessment: Examination

Course Overview:

Business Studies will be assessed by 3 exams at the end of the course. Each examination irrespective of the make-up of the paper will have equal weighting on the overall grade.

The units covered will address the following

- Business objectives and strategic decisions
- External influences facing businesses
- Marketing and marketing strategies
- Operational strategy
- Human resources
- Accounting and financial considerations
- The global environment of business

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

Can lead to: Higher Education courses in Business, Management, Economics, Accountancy and Law and 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

CHEMISTRY

Duration: 2 Years
Board: OCR
Assessment: Examination

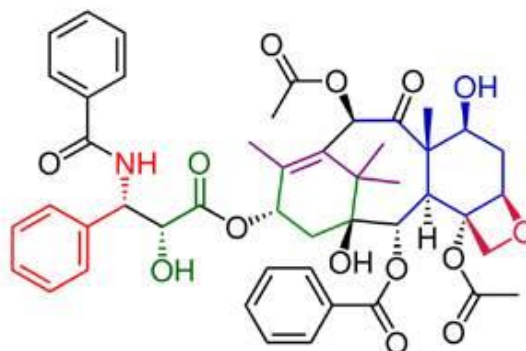
Course Overview

Chemistry A level incorporates motivating, contemporary Chemistry contexts and students will study aspects of Chemistry that are often in the media and affect their everyday lives.

Topics will include organic chemistry such as hydrocarbons, polymers, proteins and DNA structure, inorganic chemistry studying the periodic table and physical chemistry such as atom structure, kinetics, thermodynamics and bonding.

The course is built around a range of practical activities to increase students' enjoyment and understanding of Chemistry and students will develop the skills needed to study Science at higher levels, such as data analysis, problem solving, numeracy and analysis of models.

Can lead to: An 'A' Level in 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.



ECONOMICS A

Duration: 2 years
Board: EDEXCEL
Assessment: Examination

Economics A is the right subject for you if you enjoy: debating economic issues such as inequality, immigration and how we should pay for healthcare using and interpreting data to analyse economic problems discussing alternative courses of action keeping up to date with national and international trends

Course Overview:

Economics is about choice and the impact of our choices on each other. It relates to every aspect of our lives, from the decisions we make as individuals or families to the structures created by governments and firms. An economic way of thinking can help you make better choices. In Theme 1 and Theme 2 you will study the nature of economics, how markets work and why they fail.

In Theme 3 and Theme 4 you will explore how businesses grow and compete, the labour market and how the government intervenes to make markets work better. You will also explore international trade, inequality within and between countries, emerging and developing economies, and the public finances. You will also have an opportunity to consider the role and impact of the financial sector.

It is not necessary to have studied Economics at GCSE to be successful in this course though quantitative skills are a key feature in this course and you have to have an interest in current Economic issues.

Can lead to:

Higher Education courses in Computer Science, Economics, Accountancy, Law, Politics, Medicine, Science Courses, Actuarial Science and Business and Careers in Banking, Finance, Risk Management, Insurance and Consultancy. Economics students can follow a wide range of careers in industry, commerce, finance and the civil service



ENGLISH LITERATURE

Duration: 2 Years
Board: AQA
Assessment: Examination & Coursework

Course Overview:

Unit 1b: Literary genres: Comedy:

Texts in this unit are stories which primarily amuse, where the discomfort of characters generally excites laughter rather than concern and where no great disaster occurs. All texts contain a love interest for the protagonist and marriage is a focal point. In all cases society itself (as represented in the texts), and the behaviour of men and women in it, are ridiculed. Some of the texts studied in this unit include: 'Twelfth Night'; 'Small Island' and 'The Importance of Being Earnest'.

Unit 2b: Texts and genres: Elements of political and social protest writing:

What defines the texts studied in this unit is that they have issues of power and powerlessness at their core, with political and social protest issues central to each text's structure. The political and social protest genre covers representations of both public and private settings. Some of the texts that will be studied include: 'The Handmaid's Tale'; 'The Kite Runner' and Blake's 'Songs of Innocence and Experience'.

Non-exam assessment: Theory and Independence:

This unit is designed to allow students to read widely, to choose their own texts (if appropriate) and to understand that contemporary study of literature needs to be informed by literary theory. This year students studied 'A Thousand Splendid Suns' and a collection of Betjeman poetry.

Can lead to:

Careers in Writing or Editing, Publishing, Public Relations, Broadcasting, Teaching, Sales, Marketing, Business Management, Law and Librarianship.



FRENCH – See Consortium Offer

Duration: 2 Years
Board: -
Assessment: Oral & Written Examination

Course Overview:

Paper 1: Listening, Reading & Writing What's assessed

- Aspects of French-speaking society: current trends
- Aspects of French-speaking society: current issues
- Artistic culture in the French-speaking world
- Aspects of political life in the French-speaking world
- Grammar

How it's assessed

- Written exam: 2 hours 30 minutes
- 160 marks in total
- 40% of A-level

Paper 2: Writing

What's assessed

- One text and one film or two texts from the list set in the specification
- Grammar

How it's assessed

- Written exam: 2 hours
- 90 marks in total
- 30% of A-level

Paper 3: Speaking

What's assessed

- Individual research project
- One of four sub-themes i.e. Aspects of French-speaking society: current trends, Aspects of French-speaking society: Current issues, Artistic culture in the French-speaking world, Aspects of political life in the French-speaking world

How it's assessed

- Oral exam: 21–23 minutes (including 5 minutes preparation time)
- 60 marks in total
- 30% of A-level

Subject Content:

- Social Issues and Trends,
- Political and artistic culture grammar
- Literary texts and films
- Individual research project



GEOGRAPHY

Duration: 2 Years
Board: AQA Geography (7037)
Assessment: Examination & independent investigation

Course Overview:

Physical Geography

Students will cover the following topics: water and carbon cycles, hazards, hot desert systems and landscapes, coastal systems and landscapes, glacial systems and landscapes and Ecosystems under stress.

Human Geography

Students will cover the following topics: global systems and governance, changing places, Contemporary urban environments, population and the environment and resource security

Independent Investigation

This will incorporate a significant element of fieldwork, 4 days over the two year period. The investigation may be based on either human or physical aspects of geography, or a combination of both. It is important that students work on their own individual title that demonstrating their knowledge, skills and understanding. It will be 3000- 4000 words in length.

The new Alevel includes significantly more statistical analysis than before. Therefore students will be required to be competent mathematicians.

Can lead to:

A wide range of possible Careers and Higher Education opportunities, combining well with both Science and Arts subjects, providing the skills for Commerce, Industry and Further Education The subject is increasingly being recognised for its versatility by many universities. The scope of job opportunities this Course provides for includes Engineering, Law and Accountancy



GERMAN – See Consortium Offer

Duration: 2 Years
Board: -
Assessment: Oral & Written Examination

Course Overview:

Paper 1: Listening, Reading & Writing

What's assessed

- Aspects of German-speaking society: current trends
- Aspects of German-speaking society: current issues
- Artistic culture in the German-speaking world
- Aspects of political life in the German-speaking world
- Grammar

How it's assessed

- Written exam: 2 hours 30 minutes
- 160 marks in total
- 40% of A-level

Paper 2: Writing

What's assessed

- One text and one film or two texts from the list set in the specification
- Grammar

How it's assessed

- Written exam: 2 hours
- 90 marks in total
- 30% of A Level

Paper 3: Speaking

What's assessed

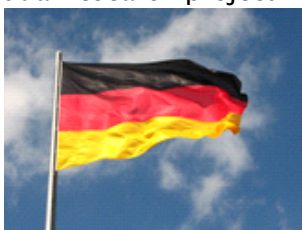
- Individual research project
- One of four sub-themes i.e. Aspects of German-speaking society: current trends, Aspects of German-speaking society: Current issues, Artistic culture in the German-speaking world, Aspects of political life in the German-speaking world

How it's assessed

- Oral exam: 21–23 minutes (including 5 minutes preparation time)
- 60 marks in total
- 30% of A-level

Subject Content:

- Social Issues and Trends,
- Political and artistic culture grammar
- Literary texts and films
- Individual research project



GOVERNMENT & POLITICS

Duration: 2 Years
Board: Edexcel
Assessment: Examination

Course Overview:

This course gives students an in depth understanding of the workings of both UK and USA political systems.

Students will study the following units:

- **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 investigate how the Political System works and look at how Cabinet Government operates. They will understand clearly the workings of the House of Commons and the House of Lords.

- **Representative Processes in the USA**

Students focus on the elections which take place in the USA and issues surrounding voting behaviour. They will also look at the main political parties and issues surrounding race and ethnicity in US politics

- **Governing the USA**

There is also an investigation of the Executive, Legislature and Judiciary in the USA.

Can lead to:

Any professional, administrative or managerial position, such as Lawyer, Accountant, Research Work, Teaching and Lecturing, Financial Services, Social Work, Medicine, the Media



HISTORY

Duration: 2 Years
Board: Edexcel
Assessment: Examination & Coursework

Course Overview:

Unit 1: Breadth study with interpretations

This unit will look at one topic over a long period of time, having the student draw conclusions about the changes that occur in that period. Student will be asked to take a written exam that will test their knowledge of time period as well as their analysis of historical interpretation. The topic to be studied is Britain transformed, 1918 - 97.

Unit 2: Depth study

This unit will look at a particular shorter period of time in a greater depth. This unit will also be looking at a student's ability to assess sources. The topic to be studied is the USA, c 1920 - 55: boom, bust and recovery.

Unit 3: Themes in breadth with aspects of depth

Unit 3 will ask students to use all of the skills that they have learned in the previous two units and apply them to a new topic of study. There will be questions that assess a student's understanding of the period as well as their knowledge of specific events and changes over time. Topic to be studied is the witch craze in Britain, Europe and North America, c1580 - 1750.

Unit 4: Historical Enquiry Coursework

Students will be set a question from the exam board that will assess their ability to carry out their own historical enquiry while applying all of the skills they have developed in the previous units.

Can lead to:

Any professional, administrative or managerial position, such as Lawyer, Accountant, Research Work, Teaching and Lecturing, Financial Services, Social Work, Medicine, the Media.



MATHEMATICS

Duration: 2 Years
Board: Edexcel
Assessment: Examination

Course Overview:

Candidates study an A level in Mathematics over a two year period, Year 12 and 13.

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

In Year 12 Mathematics, Pure mathematics 1 [which includes proof, Algebra and functions, Coordinate geometry in the (x,y) plane, Sequences and series] and one Statistics and mechanics unit [which includes Statistical sampling, Data presentation and interpretation, Probability, Quantities and units in mechanics and Kinematics] are covered.

In Year 13 Mathematics Pure mathematics 2 which build on and develop what has been studied at Year 12 [which includes Differentiation, Integration, Numerical methods and vectors], and one further Statistics and mechanics unit [which includes - Statistical distributions, Statistical hypothesis testing, - Forces and Newton's laws, Moments] are covered.

At the end of Year 13 students sit 3 examinations.

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

Can lead to:

Careers such as Accountant, Actuary, Economist, Financial Advisor, Statistician, Banker, Investment Analyst, Research and Development, Civil Service.



MATHEMATICS FURTHER (AS ONLY)

Duration: 1 year
Board: Edexcel
Assessment: Examination

Course overview:

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

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

There are 2 Units in Year 12 examined at the end of the year, resulting in an AS in Further Mathematics. The Further Mathematics units require an in depth understanding of the regular Mathematics units.

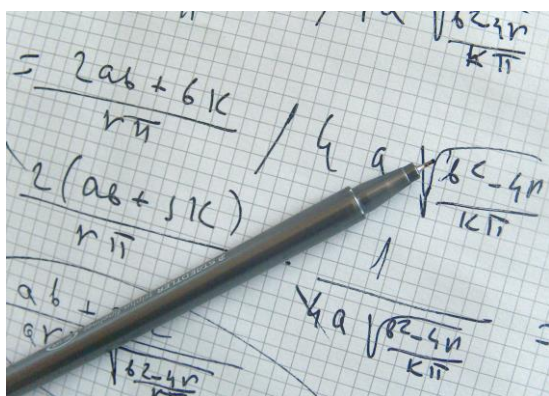
The students will complete the following Units:

- 1 Units in Further Mathematics
- 1 Unit optional Further Mathematics

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

Can lead to:

Science
Engineering
Research and Development
Commerce
Economics
Information Technology



PHYSICS

Duration: 2 years
Board: Edexcel
Assessment: Examination

Course Overview:

You will have come across some of the concepts of physics at GCSE such as forces, energy, waves, radioactivity, space, electricity and magnetism. At A level, you will start to see how these ideas work together and begin to grasp the universal principles that apply to everything in nature from the smallest particles to the largest galaxies as well as being introduced to exciting topics such as quantum mechanics and particle physics.

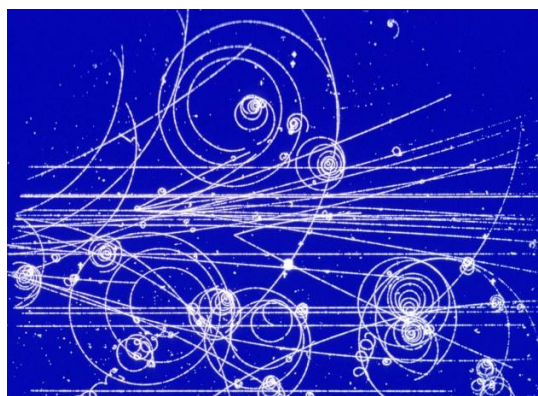
New technologies continue to radically change the way we live and you will gain an insight into how technology such as mobile phones and the internet function.

You will be able to develop your skills of critical thinking, problem solving, developing and analysing models, report writing, experimental data and uncertainty analysis.

Of all the subjects listed for entry on to a degree, physics came second only to mathematics in the number of times it was listed as essential in a recent report by twenty of the leading UK universities.

Can lead to:

An 'A' Level in Physics can lead to degrees and careers in astronomy, medical physics, biophysics, nanotechnology, particle physics, electronics, finance, IT, software/games programming, rocketry, meteorology and climate change, utilities/energy sector, energy and sustainability, optometry, architecture.



PSYCHOLOGY

Duration: 2 years
Board: AQA
Assessment: Examination

Course Overview:

Psychology involves the study of mind and behaviour. This course requires good use of written English, an understanding of scientific method and some knowledge of statistical techniques.

Paper 1: Introductory topics in psychology will explore topics such as Social influence, Memory, Attachment, and Psychopathology.

Written exam: 2 hours
33.3% of A-level

Paper 2: Psychology in context will explore topics such as Approaches, Biopsychology, and Research Methods.

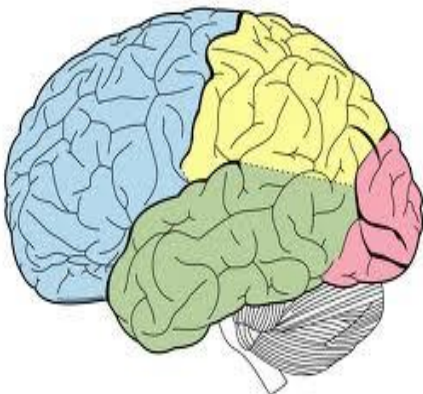
Written exam: 2 hours
33.3% of A-level

Paper 3: Issues and options in psychology will explore topics such as Schizophrenia, Issues and Debates, Biorhythms, Relationships.

Written exam: 2 hours
33.3% of A-level

Can lead to:

Any professional, administrative or managerial position such as Lawyer, Accountant, Museum or Research Work, Teaching and Lecturing, Financial Services, Social Work, Educational or Occupational Psychology, Criminology and Medicine



SOCIOLOGY

Duration: 2 years
Board: AQA
Assessment: Examination

Course Overview:

Paper 1: Education and Research Methods in context

The role and functions of the education system including its relationship to the economy and class structure, different educational achievement by social class, gender and ethnicity. The significance of educational policies.

Paper 2: Two topics: Families and Households and Beliefs in Society

The relationship of the family to the social structure and changes in society. Topics include changing patterns of marriage, diversity of contemporary families and demographic change.

Beliefs in Society explore different sociological perspectives on beliefs and ideologies. Topics include secularization, New Age movements, theories of religion the significance of religion and religiosity in the contemporary world, including the nature and extent of secularization in a global context, and globalization and the spread of religions

Paper 3: Crime and Deviance with Theory and Methods.

The social distribution of crime relating to age, class, gender, ethnicity and location; globalisation and crime in contemporary society such as green crime and human rights; crime and the judicial system.

Can lead to:

A range of careers relating to Human Resources; Social work; Teaching; Politics; Criminology



SPANISH – See Consortium Offer

Duration: 2 Years
Board: -
Assessment: Oral & Written Examination

Course Overview:

Paper 1: Listening, Reading & Writing

What's assessed

- Aspects of Spanish-speaking society: current trends
- Aspects of Spanish-speaking society: current issues
- Artistic culture in the Spanish-speaking world
- Aspects of political life in the Spanish-speaking world
- Grammar

How it's assessed

- Written exam: 2 hours 30 minutes
- 160 marks in total
- 40% of A-level

Paper 2: Writing

What's assessed

- One text and one film or two texts from the list set in the specification
- Grammar

How it's assessed

- Written exam: 2 hours
- 90 marks in total
- 30% of A-level

Paper 3: Speaking

What's assessed

- Individual research project
- One of four sub-themes i.e. Aspects of Spanish-speaking society: current trends, Aspects of Spanish-speaking society: Current issues, Artistic culture in the Spanish-speaking world, Aspects of political life in the Spanish-speaking world.

How it's assessed

- Oral exam: 21–23 minutes (including 5 minutes preparation time)
- 60 marks in total
- 30% of A-level

Subject Content:

- Social Issues and Trends
- Political and artistic culture grammar
- Literary texts and films
- Individual research project



VCERTS DIPLOMA IN BUSINESS: SALES AND MARKETING (Level 2)

Duration: 1 Year
Board: NCFE
Assessment: Coursework

Course Overview:

The 70 Credit VCERT Level 2 Diploma extends the specialist work-related foci from the VCERTS Level 2 Certificate. 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 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 VCERTS Diploma in Business has 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:

- Working in Business Teams and Team Leading Business Support or Administration, which supports the 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 Online and how this can support businesses to develop opportunities and finally Enterprise and Business Start-Up which is available at both Level 2 and Level 3.

This course allows access to the vocational offerings across the school at Level 3.



BTEC NATIONAL DIPLOMA IN ICT

Duration: 2 Years
Board: Edexcel
Assessment: Internally assessed coursework, controlled assessments and an exam

Course Overview:

This 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 and Computing 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 relevant to Computer Science. The full qualification comprises of 10 Units.

The mandatory units for this qualification are:

Unit 1: Principles of Computer Science
Unit 3: Planning and Management of Computing Projects
Unit 6: IT Systems Security
Unit 10: Human-computer Interaction

Method of Assessment:

Assessment is continuous through coursework, practical activities, demonstration/assignments which are internally assessed and moderated. External Moderation can take place on a random sample basis. There are also 2 controlled assessments administered under exam conditions and 1 examination

Can lead to:

Careers in IT Consultancy, Web and Computer Game Design, Animation, Creative Programming and Media Industry jobs



BTEC NATIONAL DIPLOMA IN BUSINESS

Duration: 2 Years
Board: Edexcel
Assessment: Internally assessed coursework, controlled assessments and an exam

Course Overview:

The BTEC Level 3 Diploma broadens and expands the specialist work-related focus from the BTEC Level 2 Diploma/VCERTS Business Level 2 Certificate/Diploma. There is potential for the qualification to prepare Learners for employment in the appropriate vocational sector.

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 and further education.

The mandatory units for this qualification are:

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

Method of Assessment:

Assessment is continuous through coursework, practical activities, demonstration/assignments which are internally assessed and moderated. External Moderation can take place on a random sample basis. There are also 2 controlled assessments administered under exam conditions and 1 examination

Can lead to: Higher Education courses in Business, Management, Economics, Accountancy and Law and Careers in Accounting, Finance, Human Resources, Marketing, Banking and Strategic Management



GCSE ENGLISH

Duration: 1 Year
Board: AQA
Assessment: Examination,

Course Overview:

All students study English Language GCSE.

Outline of Course: AQA English Language:

Reading:

Students will study a wide range of texts from the 19th, 20th and 21st centuries, including literature and literary non-fiction as well as other writing such as reviews and journalism. This will allow students to develop their ability to identify and interpret themes, ideas and information. Students will compare and evaluate the usefulness, relevance and presentation of content; students will develop the way in which they draw inferences, justifying these with evidence.

Writing:

Students will write in a wide range of styles and forms coherently and effectively for different purposes and audiences: to describe, narrate, explain, instruct, give and respond to information, and argue; selecting vocabulary, grammar, form and structural and organisational features to reflect audience, purpose and context.

Pathways to further Study:

Students who do well in both the GCSE English and English Literature examinations will have the opportunity to continue their study of English and/or English Literature at A-Level.



GCSE MATHEMATICS

Duration: 1 year
Board: 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 that is examined at the end of Year 12 with one non-calculator paper and two calculator paper. All Examinations are available at Higher Tier [9 to 4] and Foundation Tier [5 to 1].

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



POST-16 COMMUNITY SERVICE AND PRIVATE STUDY

The purpose of Community Service is to support the school and the local community, and to give students additional experience that goes beyond their academic studies.

As part of your guided learning hours, you are required to attend 2 periods of community service per week. You will be given a choice of community service options to select from, every effort will be made to offer you one of your preferred choices; however, in some cases it may not be possible due to numbers and availability.

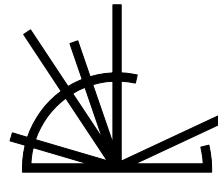
COMMUNITY SERVICE OPTIONS	
1.	Supporting staff during breaks and lunch times.
2.	Primary School Placements.
3.	Supporting Sporting activities during lunch and afterschool.
4.	Support the Library team.
5.	Support the HI unit.
6.	Support Reprographics.
7.	Support the Site Team.
8.	Support a Learning Coordinator.
9.	Student Ambassadors to support main reception.
10.	Support the running of the School Shop.
11.	Run and support reading clubs and homework clubs.
12.	Support groups with high needs, mentor groups/students who are most vulnerable.
13.	Support curriculum areas based upon the subjects you are studying. (You must be studying a Level 3 course). State subject choice/s:
14.	Community Projects.
15.	Fundraising.

UNIVERSITY DESTINATIONS 2016

UNIVERSITY	COURSE
Aston University	Engineering and Applied Science
	Business and Management
Brunel University	History with Professional Development
	Computer Science with Professional Practice
	Business Computing (Social Media)
	Information Systems, Computing & Maths x 2
City University London	Computer Science with Games Technology
	Child Nursing
	Civil Engineering
	Law x 2
	Actuarial Science
	Psychology x 2
	Optometry
	Civil Engineering
Coventry University	Investment and Financial Risk Management
	Automotive and Transport Design
	Accounting and Finance
	Financial Economics
	Graphic Design
De Montfort University	Advertising and Marketing
	Business Management and H. R. Management
Imperial College London	Architecture
	Biological Sciences + Year in Industry/Research
	Chemical Engineering
King's College London	Maths/Applied Maths/Mathematical Physics
	Classical Studies and Comparative Literature
Kingston University	Extended Medical Degree Programme (6 years)
	Accounting and Finance
London School of Economics	Accounting and Finance
London South Bank University	Accounting
Middlesex University	Psychology (Criminology)
Plymouth University	Biological Sciences
Queen Mary's University London	Mathematics, Statistics & Financial Economics
	Mathematics
	Psychology
Richmond University	Fashion Management and Marketing

UNIVERSITY DESTINATIONS 2016

UNIVERSITY	COURSE
Royal Holloway University London	Economics and Mathematics
	Criminology and Psychology
	Psychology
	Accounting and Finance
University of the Arts London	Photography
University College London	Physics
University of Creative Arts	Fashion Buying Retail Management
	Fashion Management and Marketing
University of Greenwich	Mathematics (Extended)
University of Hertfordshire	History x 2
	Extended Science Degree - Biological Science
University of Kent	Business and Management
University of Nottingham	Industrial Economics
University of Reading	Biological Sciences
	Philosophy and Politics
University of Southampton	Aeronautics and Astronautics
University of Surrey	Law x 4
University of Roehampton	Philosophy
	Criminology
	Sociology x 2
	Business Management
	Psychology
	Education
	Business Management and Economics
	Fashion Buying and Merchandising
University of West London	Event Management with Placement
	Photography
University of Westminster	Business Economics
	Electronic and Electrical Engineering
	Business Information Systems x 3
	Criminology
	Business Management



Heston
COMMUNITY
SCHOOL



Heston Road
Heston
Hounslow
TW5 0QR

Email: info@hestoncs.org
Telephone: 020 8572 1931