

---

# Sixth Form Course Guide

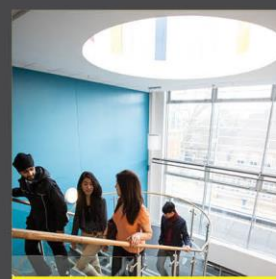
---

2018- 2019

---



**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](mailto:info@hestoncs.org).

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

**I Hall**  
**Director of Sixth Form**

## 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 formed a partnership with a number of other local schools. These 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.

## **CONTENTS**

**POST-16 PATHWAYS AT HESTON COMMUNITY SCHOOL**

**POST-16 ADMISSIONS CRITERIA**

**A LEVEL COURSES**

**VOCATIONAL COURSES**

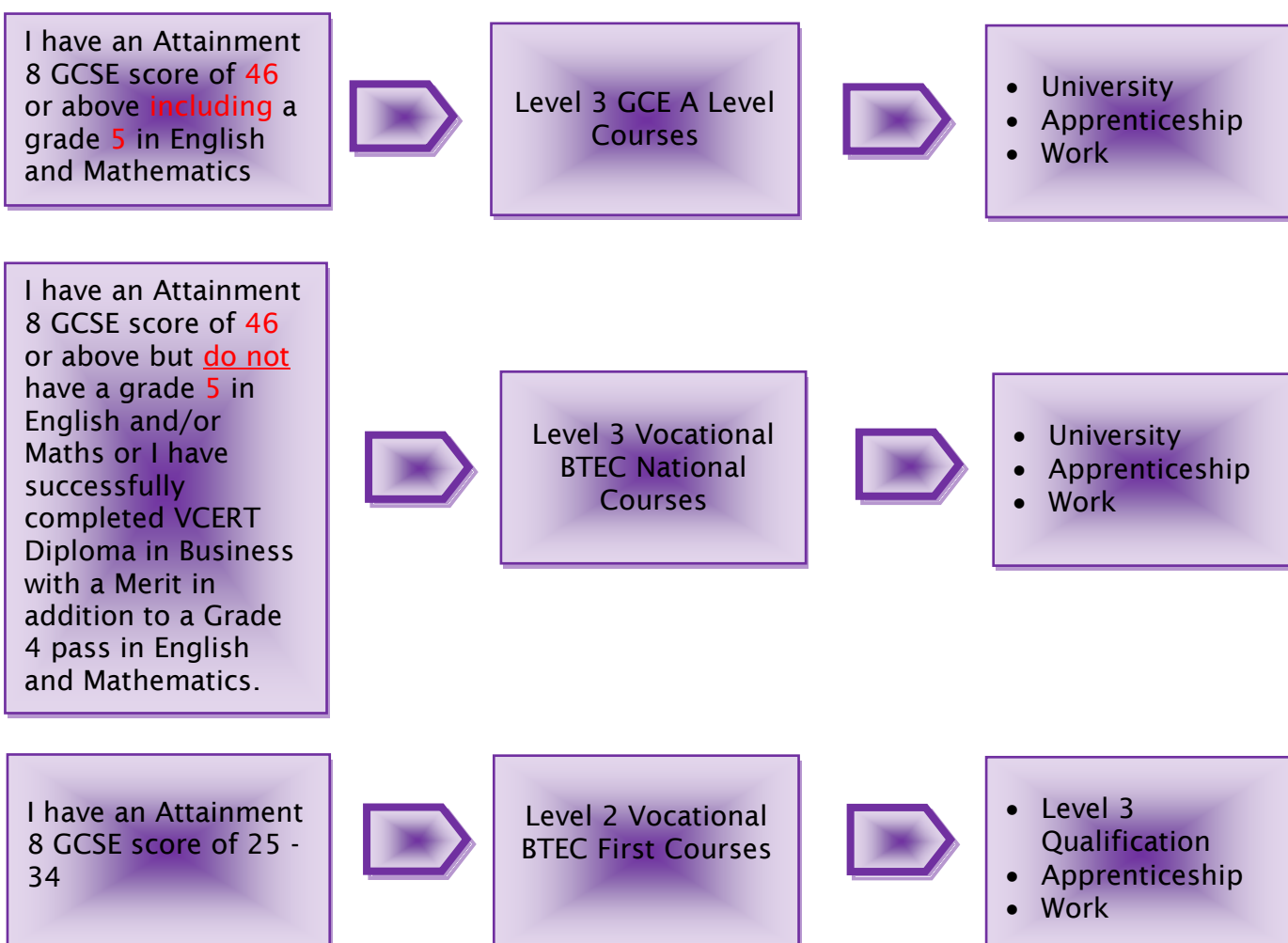
**GCSE ENGLISH / MATHEMATICS**

**UNIVERSITY DESTINATIONS 2017**

## 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 the Summer Examinations.

All subject 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 assessments across many of the subjects, 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 Attainment 8 GCSE score of 46 in the remaining subjects. In addition to this minimum entry requirement, it is preferable for students to have achieved at least GCSE Grade 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 6,6 in GCSE Double Science

A Level Chemistry                             Grade 6,6 in GCSE Double Science

A Level Physics                                 Grade 6,6 in GCSE Double Science

Additionally, all A Level Sciences course will require students to have a Grade 6 in Mathematics. Students who wish to choose Physics A Level should also follow the A Level Mathematics programme.

### BTEC National

You must have achieved a minimum Grade 4 in English and Mathematics and an Attainment 8 GCSE score of 35 – 45. Students completing the VCERT Diploma in Business are require to achieve a Merit in addition to a Grade 4 pass in English and Mathematics.

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

You must have achieved a minimum Grade 3 in English and Mathematics and an Attainment 8 GCSE score of 25 – 34.

### 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' Attainment 8 GCSE score, English and Mathematics grades will be used to allocate places.

## 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          | <input type="checkbox"/> |
| Business Studies | <input type="checkbox"/> |
| Geography        | <input type="checkbox"/> |
| Graphic Design   | <input type="checkbox"/> |

| Block B          |                          |
|------------------|--------------------------|
| SUBJECT          | ✓                        |
| Chemistry        | <input type="checkbox"/> |
| History          | <input type="checkbox"/> |
| Mathematics      | <input type="checkbox"/> |
| Photography      | <input type="checkbox"/> |
| Psychology       | <input type="checkbox"/> |
| Sociology        | <input type="checkbox"/> |
| Mathematics GCSE | <input type="checkbox"/> |

| Block C            |                          |
|--------------------|--------------------------|
| SUBJECT            | ✓                        |
| Biology            | <input type="checkbox"/> |
| Chemistry          | <input type="checkbox"/> |
| Economics          | <input type="checkbox"/> |
| English Literature | <input type="checkbox"/> |
| English GCSE       | <input type="checkbox"/> |
| Mathematics GCSE   | <input type="checkbox"/> |

| Block D               |                          |
|-----------------------|--------------------------|
| SUBJECT               | ✓                        |
| Business Studies      | <input type="checkbox"/> |
| Government & Politics | <input type="checkbox"/> |
| Mathematics           | <input type="checkbox"/> |
| Physics               | <input type="checkbox"/> |
| Psychology            | <input type="checkbox"/> |

| Block E  |                          |
|--|--------------------------|
| SUBJECT  | ✓                        |
| Fine Art   | <input type="checkbox"/> |
| Further Mathematics  | <input type="checkbox"/> |
| English GCSE   | <input type="checkbox"/> |
| Mathematics GCSE   | <input type="checkbox"/> |
| Consortium Partners include<br>• Brentford School for Girls<br>• Isleworth & Syon School for Boys<br>• Logic Studio School<br>• Spring West Academy<br>• Reach Academy<br>• The Green School for Girls.<br>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                   | Block B              | Block C                 | Block D            |
|---------------------------|----------------------|-------------------------|--------------------|
| BTEC Business (Secondary) | BTEC ICT (Secondary) | BTEC Business (Primary) | BTEC ICT (Primary) |

Please tick if interested in studying this course in September 2018

Heston Community School is currently investigating a Level 3 Applied Science BTEC Course.

## \*LEVEL 2

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

**\*All students will be expected to work in the Post 16 Study Center periods 1 - 4 if they are not in lessons and complete at least 2 lessons of Community Service each week.**

**\*All students will be required to pass their Year 12 courses with a minimum Grade D in order to progress into Year 13**

Any student who did not gain a Grade 4 or above in English and Mathematics must resit to secure a Grade 4.

- It is vital you have the correct Attainment 8 score and meet all conditions of entry
- Failure of sufficient students to opt may mean the removal of a subject from the blocks

# 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 15hour 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

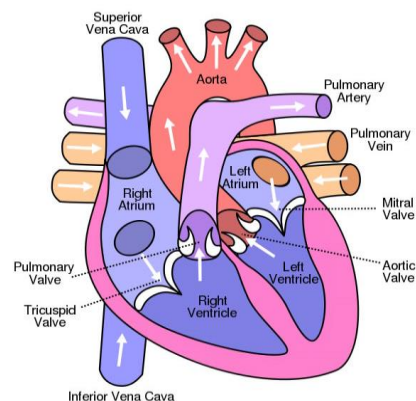
**Duration:** 2 Years  
**Board:** AQA  
**Assessment:** Examination

### 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.



## BUSINES STUDIES

**Duration:** 2 Years  
**Board:** EDEXCEL  
**Assessment:** Examination

Business Studies is the right subject for you if you would enjoy an enquiring, critical and thoughtful approach to the study of business, to understand that business behaviour can be studied from a range of perspectives and assumptions are there to be questioned.

### Course Overview:

Studying Business, allows students to get a deep insight into all aspects related to businesses, examining internal and external issues. In Theme 1, students are introduced to the market, explore the marketing and people functions and investigate entrepreneurs and business start up. In theme 2 students explore the finance and operations functions, and investigate external influences on business.

Theme 3 moves from functions to strategy, enabling students to develop their understanding of the core concepts and to take a strategic view of business opportunities and issues. Students investigate businesses that trade on a global scale and explore their reasons for doing so. In Theme 4 students develop an understanding of the globally competitive environment and consider the ethical and moral dimensions of global business activities

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.



## CHEMISTRY

**Duration:** 2 Years  
**Board:** OCR  
**Assessment:** Examination

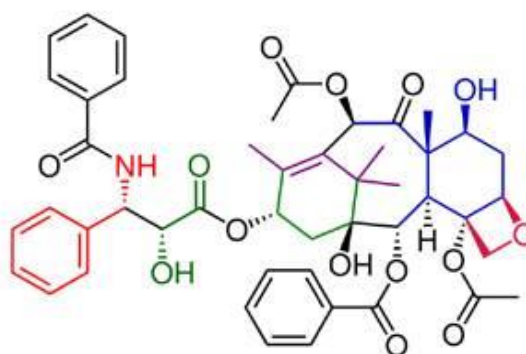
### Course Overview:

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 and 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:** EDEXCEL  
**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 and coastal systems and landscapes,

#### Human Geography

Students will cover the following topics: global systems and governance, changing places, population and the environment

#### 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:** EDEXCEL -  
**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 also develop a detailed understanding of core political theories

Students will study the following units:

#### Unit 1: UK Politics

This Unit focuses on political participation. This involves the students studying:

- The UK's: democracy and levels participation.
- What political parties the UK has and what they stand for.
- What electoral systems the UK uses
- How people vote and the reasons for this
- The role of the media.

The students will also study the core political Ideas of conservatism, liberalism, & socialism.

#### Unit 2: UK Government

This unit looks at the:

- Uk constitution,
- How the UK's Parliament works and is it effective
- The role of the Prime Minister and executive,
- The relationships between the different branches of government.
- 2. Non-core political ideas, students will study:

The students will also study feminism,

#### Paper 3: Comparative Politics: The USA

Students will study the

- US Constitution and the concept and workings of federalism,
- How the US Congress works and how effective it is
- The role and power of the US presidency,
- The role of the US Supreme Court and civil rights
- What level of democracy and political participation exists 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 3 Units in Year 12 examined at the end of the year, resulting in an AS in Further Mathematics qualification. The Further Mathematics units require an in depth understanding of the regular Mathematics units.

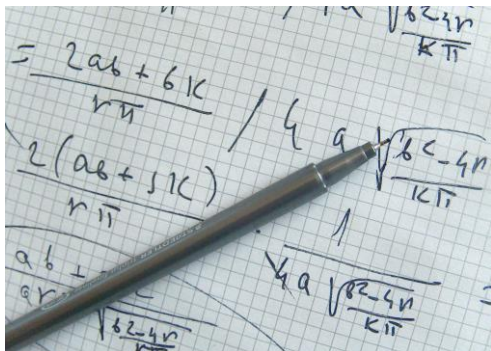
Students will complete the following Units:

- Core Pure Mathematics- Compulsory
- Decision Mathematics
- Further S1 or Further M1 or FP1

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.

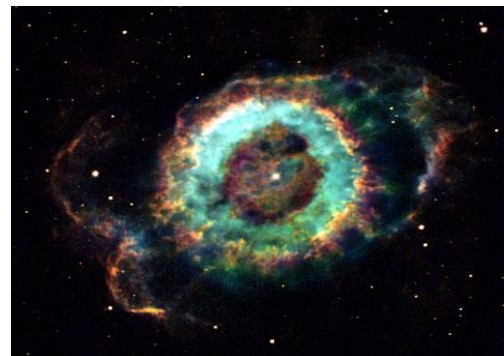
New technologies continue to radically change the way we live and you will gain an insight into how technology such as mobile phones and the internet function.

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  
This paper 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 This paper explore topics such as Approaches, Biopsychology, and Research Methods.

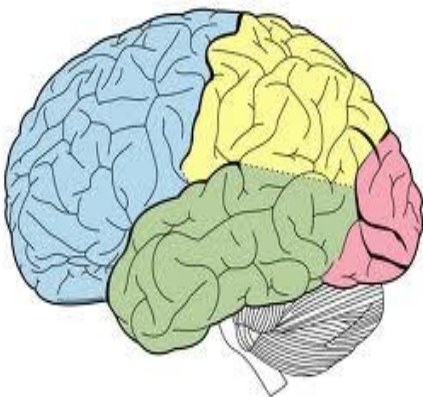
Written exam: 2 hours  
33.3% of A-level

**Paper 3:** Issues and options in psychology  
This paper 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**

This paper explores the role and functions of Britain's education system including its relationship to the economy and class structure. It also involves students studying the significance of different educational policies.

#### **Paper 2: Families and Households**

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

#### **Beliefs in Society**

This unit explores the different sociological perspectives on beliefs and ideologies. Topics studied also include secularization, New Age movements, theories of religion, the significance of religion and religiosity in the contemporary world, globalization and the spread of religions

#### **Paper 3: Crime and Deviance with Theory and Methods.**

This unit explores the social distribution of crime relating to age, class, gender, ethnicity and location. Student will also focus on the impact globalisation has had on crime and crime in contemporary society including green crimes and human rights crimes. Students will also study 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:** EDEXCEL  
**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].
- 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 IMA1**

### Course Overview:

Students will study the following contents: Number, Algebra, Ratio and Proportion, Geometry and Measures, Probability and Statistics.

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 papers. 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 to different areas of mathematics.



## UNIVERSITY DESTINATIONS 2017

| Surname          | Forenames       | Institution Name                     | Course Placed                                      |
|------------------|-----------------|--------------------------------------|--|
| <b>Abdillahi</b> | Ayan Abdi       | Kingston University London           | Accounting and Finance                             |
| <b>Abdula</b>    | Deana           | University of West London            | Accounting and Finance                             |
| <b>Adatia</b>    | Natasha Emma    | Brunel University                    | Psychology with Professional Development           |
| <b>Ahdan</b>     | Roshni          | University of Southampton            | Sociology with Anthropology                        |
| <b>Akhtar</b>    | Fahad           | Kingston University London           | Computing with Business                            |
| <b>Ali Hanif</b> | Salman          | Kingston University London           | Aviation Operations with Commercial Pilot Training |
| <b>Ambasana</b>  | Dimple          | Brunel University                    | Digital Design                                     |
| <b>Bagga</b>     | Karishma        | Swansea University                   | Applied Medical Sciences                           |
| <b>Baig</b>      | Shanzeh Arif    | King's College London                | Physics  |
| <b>Bains</b>     | Ria             | Coventry University                  | Health and Life Science                            |
| <b>Bajaj</b>     | Prerna Kaur     | University of Leicester              | Accounting and Finance                             |
| <b>Bhachu</b>    | Tejeshwer Singh | Royal Holloway, University of London | Accounting and Finance                             |
| <b>Bhalsod</b>   | Jemisha         | University of St Andrews             | Physics  |
| <b>Bhambra</b>   | Kamana          | Brunel University                    | Economics and Accounting                           |
| <b>Bhatt</b>     | Sherestha       | Newcastle University                 | Marine Zoology                                     |
| <b>Bhatti</b>    | Daniaal         | Royal Holloway, University of London | Economics  |
| <b>Biju</b>      | Rittu Saira     | University of Surrey                 | Business Management                                |
| <b>Brar</b>      | Amrita Kaur     | University of Portsmouth             | English Literature                                 |
| <b>Butt</b>      | Mehreen         | Brunel University                    | Psychology   |
| <b>Chakka</b>    | Lakshmi         | Brunel University                    | Mathematics with Computer Science                  |
| <b>Chana</b>     | Prabhleen Kaur  | Brunel University                    | Mathematics and Computing                          |
| <b>Chaudhry</b>  | Jibran Hafeez   | University of Reading                | Computer Science                                   |
| <b>Chaudhry</b>  | Haider          | University of York                   | Politics with International Relations              |
| <b>Chopra</b>    | Fabian          | Brunel University                    | Mathematics and Computing                          |
| <b>Chopra</b>    | Harshdeep       | City University London               | Accounting and Finance                             |
| <b>Chopra</b>    | Anjali          | Royal Holloway, University of London | Criminology and Sociology                          |
| <b>Choudary</b>  | Natasha         | University of Westminster            | Criminology  |
| <b>Choudhry</b>  | Humza           | Royal Holloway, University of London | Modern and Contemporary History                    |
| <b>Dari</b>      | Manvinder       | Royal Holloway, University of London | Physical Geography                                 |
| <b>Darwish</b>   | Nadine Hana     | University of Law                    | Law  |
| <b>Dhami</b>     | Sonam           | Kingston University London           | Marketing and Advertising                          |
| <b>Dhariwal</b>  | Anisha          | University of Reading                | Ancient History and Archaeology                    |
| <b>Dhillon</b>   | Anisha Kaur     | St. Mary's University, London        | Psychology   |
| <b>Dosanjh</b>   | Anil            | De Montfort University               | Interior Design                                    |
| <b>Faiq</b>      | Suzan           | University of Law                    | Law  |
| <b>Ghatora</b>   | Amrit Kaur      | London School of Economics           | Actuarial Science                                  |
| <b>Ghumman</b>   | Faizaan         | Royal Holloway, University of London | Financial and Business Economics                   |
| <b>Gill</b>      | Angeline        | University of the Arts London        | Advertising  |

## UNIVERSITY DESTINATIONS 2017

| Surname      | Forenames       | Institution Name                         | Course Placed  |
|--------------|-----------------|--|--|
| Gill         | Simrandeep Kaur | University of Westminster                | English Literature                                       |
| Grabowska    | Wiktorja        | University of Leicester                  | Medical Biochemistry                                     |
| Grewal       | Amrit           | University of Hertfordshire              | Paramedic Science  |
| Hamid        | Usama           | Royal Holloway, University of London     | Economics  |
| Hashmi       | Mohammad Furqan | University of Southampton                | Computer Science   |
| Hasnani      | Sarosh Aslam    | City University London                   | Actuarial Science  |
| James        | Irene           | Staffordshire University                 | Computing  |
| Jassal       | Rohit           | University of Kent                       | Actuarial Science  |
| Jaswal       | Ajeet Singh     | University of Portsmouth                 | Mechanical Engineering                                   |
| Jordao Viana | Daniela         | Brunel University                        | Biomedical Sciences                                      |
| Kalra        | Prableen        | London School of Business and Management | Business Management                                      |
| Kanwar       | Saina           | University of Plymouth                   | Human Biology  |
| Karmalkar    | Zubair          | University of Westminster                | Journalism   |
| Kaur         | Prabhpreet      | Queen Mary University of London          | Mathematics with Finance and Accounting                  |
| Kaur         | Simranpreet     | University of Westminster                | Tourism with Business                                    |
| Khambay      | Akash           | King's College London                    | Physics  |
| Khan         | Tanzaib         | City University London                   | Aeronautical Engineering                                 |
| Khan         | Taha            | Royal Holloway, University of London     | Accounting and Finance                                   |
| Khan         | Shehla          | University of Cambridge                  | Law  |
| Khangoora    | Roop            | University of Reading                    | Psychology   |
| Lajqi        | Eriona          | Buckinghamshire New University           | Nursing  |
| Lalo         | Deiv            | Brunel University                        | Computer Science   |
| Madhan       | Jasmine         | University of Westminster                | Business Management                                      |
| Malhan       | Karina          | Royal Holloway, University of London     | Criminology and Sociology                                |
| Malik        | Laraib Rafique  | Royal Holloway, University of London     | English  |
| Malik        | Mohammed        | University College London                | Information Management for Business                      |
| Mann         | Simranjot       | St. Mary's University, London            | Business Management                                      |
| Mateos-Nunez | Maria           | University of Cambridge                  | Sociology  |
| Mohamed      | Guled           | Goldsmiths, University of London         | English  |
| Mubeen       | Chanel          | St. Mary's University, London            | Physical and Sport Education                             |
| Mussa        | Shabana         | Middlesex University                     | Animation  |
| Nakum        | Amee            | University of Warwick                    | Biomedical Science                                       |
| Nandhra      | Harpreet        | De Montfort University                   | Biomedical Science                                       |
| Nazar        | Fezaan          | Queen Mary University of London          | Computer Science with Business Management and Accounting |
| Odedra       | Jay             | King's College London                    | Physics  |
| Pandey       | Yash            | Loughborough University                  | Mechanical Engineering                                   |
| Patankar     | Awab            | University of Portsmouth                 | Interior Architecture and Design                         |
| Patel        | Milind          | Brunel University                        | Economics and Business Finance                           |

## UNIVERSITY DESTINATIONS 2017

| Surname            | Forenames     | Institution Name                | Course Placed              |
|--------------------|---------------|---------------------------------|----------------------------|
| Patel              | Nithyam       | University of Reading           | Pharmacy                   |
| Plammoottil Chandy | Mira John     | University of Surrey            | Business Management        |
| Purewal            | Karran        | Coventry University             | Economics                  |
| Razzaq             | Kiran Ilahy   | University of Hertfordshire     | Primary Education with QTS |
| Rehal              | Pritpal Singh | Queen Mary University of London | Physics                    |
| Sahota             | Ravina Kaur   | Kingston University London      | Pharmaceutical Sciences    |
| Saleem             | Arij          | University of Southampton       | English                    |
| Satgunarajah       | Kirsheya      | University of Surrey            | Business Management        |
| Saunders           | Jessica       | University of Westminster       | Psychology                 |
| Segue              | Harvir Singh  | University of Southampton       | Mechanical Engineering     |
| Sekhon             | Amanveer      | University of Reading           | Accounting and Management  |
| Sethi              | Yash          | De Montfort University          | Business and Management    |
| Sethi              | Angeli        | University of the Arts London   | Graphic Design             |
| Sharma             | Alisha        | University of Portsmouth        | International Business     |
| Singh              | Anureet       | St. Mary's University, London   | Law                        |
| Singh              | Jaskirat      | University of Nottingham        | Physics                    |
| Sood               | Rhea          | Brunel University               | Psychology                 |
| Sumal              | Jagroop       | University of Westminster       | Business Management        |
| Tah                | Gaurav        | University of Leicester         | Accounting and Finance     |
| Toor               | Simran        | Brunel University               | Business and Management    |
| Zaki               | Hala          | Brunel University               | Politics and Sociology     |

## NOTES



Heston Road  
Heston  
Hounslow  
TW5 0QR

Email: [info@hestoncs.org](mailto:info@hestoncs.org)  
Telephone: 020 8572 1931