

# Year 12

## Options Handbook

---







## GES VISION

“We aim to develop a responsible, respectful and resilient school community, supporting the highest level of personal achievement in a changing modern intercultural world.”

## GES MISSION

- \* We provide a high quality education, focusing on skills, knowledge and application, enabling our community to strive and achieve excellence.
- \* We aim to develop a culture of life-long learning, independence, ambition, which is continuously demonstrated by our community.
- \* Our community promotes diversity and global citizenship where individual differences are understood and celebrated.
- \* To drive the development of creative skills and critical awareness in our students.
- \* Our school community provides a safe, supportive and stimulating learning environment that focusses on the well-being of all.
- \* We aim to integrate the use of technology on a day to day basis to enhance our teaching and learning.

## GES DEFINITION OF INTERNATIONALISM

- \* Internationalism at the GES encompasses global citizenship, conflict resolution, social justice, values & perception, sustainable development, human rights, interdependence and diversity
- \* GES believes in reflecting and celebrating the diverse backgrounds of its community (students, staff and local community) within a safe and secure environment. All members should be enriched and affirmed by this experience and be appropriate role models for others.

# HISTORY OF THE GULF ENGLISH SCHOOL

---



The Gulf English School opened in 1993 to meet the need for an educational facility that would provide a course of study based on the National Curriculum of England and Wales, whilst also offering an Arabic Language and Islamic Studies programme as prescribed by the Supreme Education Council in Qatar.

From a small beginning in two villas, the school has grown rapidly. Now, occupying two large, modern, purpose-built campuses, The Gulf English School has all of the facilities required to educate students to a high standard. In 2009, the school further developed, adding more administrative space, a Science Laboratory and ICT, Art and Media studios under the Multipurpose Hall.

The Gulf English School consists of Infant and Junior Schools at Primary level as well as a Secondary School. We offer students Pre-School to International Baccalaureate education.

We attract and employ international teachers of the highest calibre, all of whom are fluent and competent English speakers and experts in their particular field of knowledge and skills. Many hold a Master's degree or equivalent and bring a wide range of experience and pedagogical practice to the school community.



# INTRODUCTION

---

This handbook is designed to help you plan your courses for next year and beyond.

At The Gulf English School, we try hard to ensure that your learning is successful, year after year. The basis of our curriculum is to develop the student holistically and within an English speaking environment so that students learning experiences can contribute to their academic, physical, emotional, cultural and social development. We want the time students spend with us to be a satisfying broad ranging and challenging experience.

We are a school which continues to expand rapidly and we aim to accommodate the needs of our senior students. The Gulf English School introduced the International Baccalaureate Programme in the academic year of 2005- 2006, and in 2008 we introduced the AS level examinations for Year 12.

In 2013 we introduced BTEC level 3 as part of the AS- level route.

In Year 10 and Year 11 (Key Stage 4), students are able to study IGCSE and BTEC Courses, all of which have been chosen to best fit the particular needs and aspirations of our students. At The Gulf English School, we believe that it is vital to equip each new generation with the best that education has to give. We offer Arabic and Islamic Studies from Pre-school through to Year 11. These subjects are highly valued at our school and have helped to establish both our fine reputation and understanding of local culture.

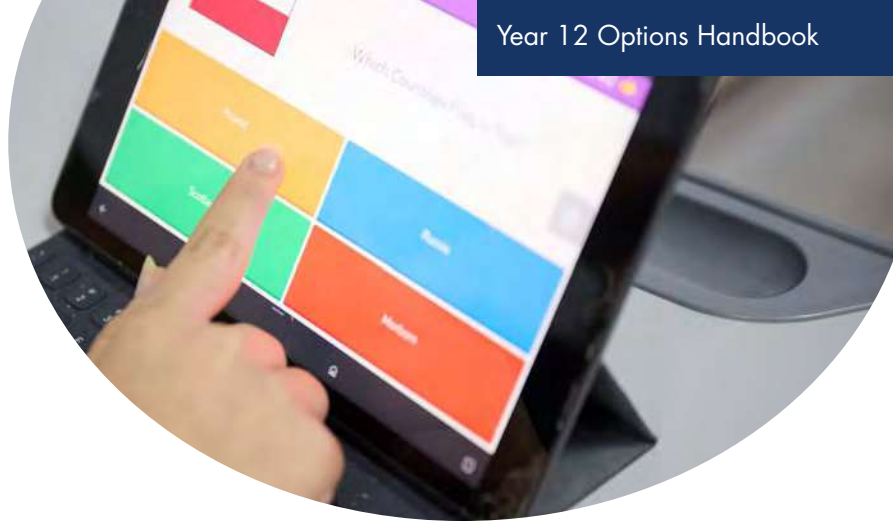
This handbook gives details and a brief description of the subjects being offered. We hope parents and students will carefully examine the subjects and courses presented here.

Should advice or support from the school be needed, we encourage you to contact us.



# ACADEMIC PROCEDURES

---



## 1) DATA COLLECTION

In the Sixth Form every student is given a target grade in each subject and we check progress regularly. Each data collection will examine attendance and achievement - both in terms of effort and target vs. actual grade. You will get the best results if you plan your work, organise, your time wisely and aim for 100% attendance throughout the year.

Through our tracking system, student, parent, teacher and pastoral staff can be sure of good communication to help support progress and achievement.

## 2) DROPPING SUBJECTS

Dropping an option is not considered to be the norm, and your acceptance into the Sixth Form was to study the Subjects chosen and confirmed upon admission.

If you reduce the number of your courses you may seriously be cutting down your future options as well as wasting time and effort.

### 3) COURSE CHANGE

If you have concerns in your subject areas talk to your subject teachers about your progress, assessments and discuss the way forward. You must take this responsibility yourself. Discuss the matter with tutor, who will have an up to date overview of your progress. They can advise you on ways to help yourself or put you in contact with people who can help you further.

If the subject teacher(s) and the Head of Sixth Form agree to a subject being changed, the student will be informed and a new timetable will need to be collected from reception.

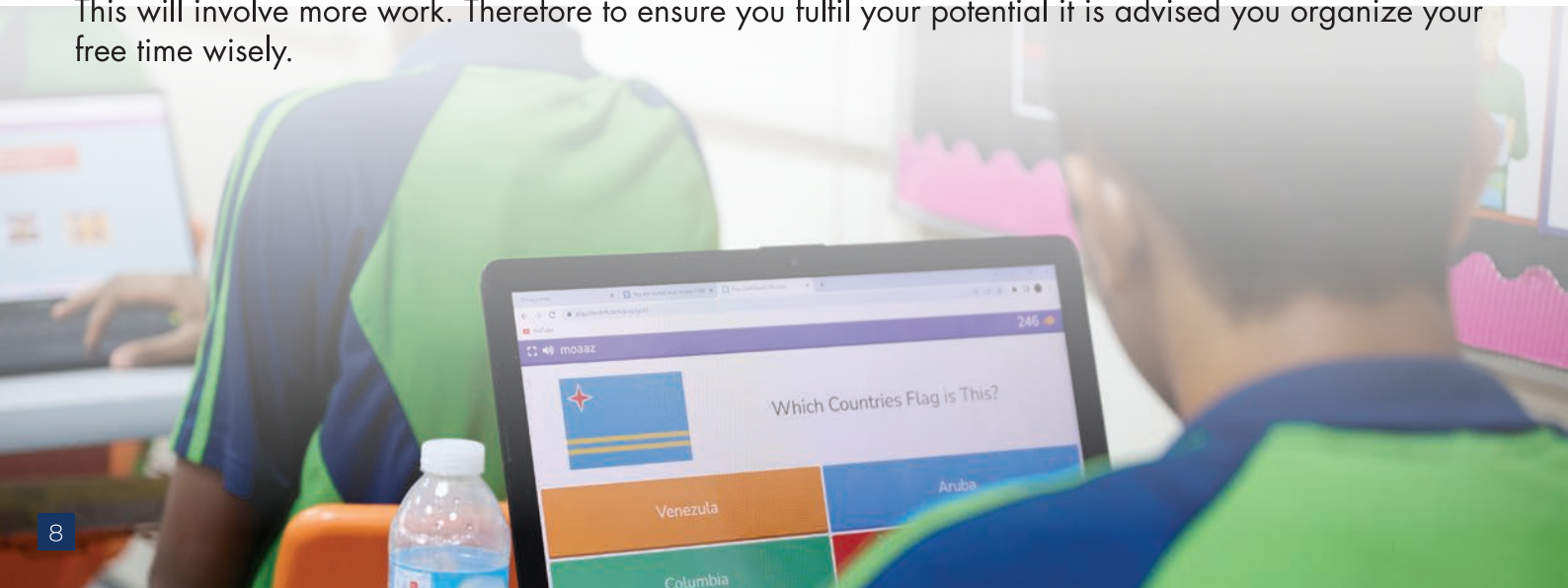
Attendance at all lessons will be compulsory until a change of subject has been confirmed.

### 4) TRANSITION TO AS

Moving from IGCSE to AS-Level is a significant transition in more ways than one. Not only will you be at the top of the school, but your studies will also step up a notch too. It is vital that you move with the standards expected and show exceptional role model behaviour.

The skills emphasis will change from description, language and understanding to a focus on your ability to analyse and evaluate.

This will involve more work. Therefore to ensure you fulfil your potential it is advised you organize your free time wisely.





# CAREER GUIDANCE & COUNSELLING



The Gulf English School adopts a proactive strategy to support their students in Career

Guidance. Professional guidance in career and subject choices is a vital necessity in this dynamic and thriving economy where demands are growing rapidly in an ever-increasingly qualified Qatari and international work force. The process is made more complicated in view of the various countries with different entry requirements, and within those countries, universities that have individual requirements, You will be expected to attend all timetabled Careers and Guidance lessons. Failure to attend could result in being unsuccessful in university applications.

This guide is a starting point to assist you with information pertaining to the general study requirements of countries such as Qatar, USA, Canada, UK and Australia. The guide also comprises numerous requirements for tests that need to be done.

It's advisable to familiarise, Yourself with the different tests and reasons why they are necessary. There is far more to your university application than just the final school grades submission. Keep in mind that universities also hunt for good all rounders and students who can add value to the learning institution. Therefore, personal statements, achievements, any form of experience and personal dissertations play a vital element in the acceptance process and give you a valuable edge against others applying for places.

It is recommended that you read through the complete booklet and ensure you have full knowledge of what the learning institution offers and whether it fulfils both your needs and requirements. Start to plan from here. It is our role to help and support, but you are ultimately responsible to actively seek out the information you require. It requires you to plan ahead. To assist you, you will find useful planning schedules included.



“Career counselling and guidance enables students to arrive at mature career decisions through knowledge of themselves, knowledge of careers and matching the above to the needs of the employment market. Please make use of the many career guidance opportunities that are mentioned here under: In addition the Careers guidance team provides a dedicated Universities Handbook that can be downloaded to help you complete university application process”.

Naviance — Programme and Action Planner.

Annual Careers Fair of the school.

Field trips to the different Universities and Universities in Qatar. (Throughout the year, listen to announcements and consult notice boards)

Hosting guest speaker sessions where professionals from post-secondary institutions talk to students.

Visits from other international Universities worldwide.

Information to prepare students for the SATS, ACT TOEFL and IELTS tests.

UCAS registration to assist students who would prefer to study in the UK.

Common applications for USA applicants.

# CAREER GUIDANCE & COUNSELLING

Career counselling for both individuals and groups. Topics included are study skills, exam preparation, organisation skills and time management strategies, using Naviance.

Deliver information and assisting students with work experience and job shadowing.

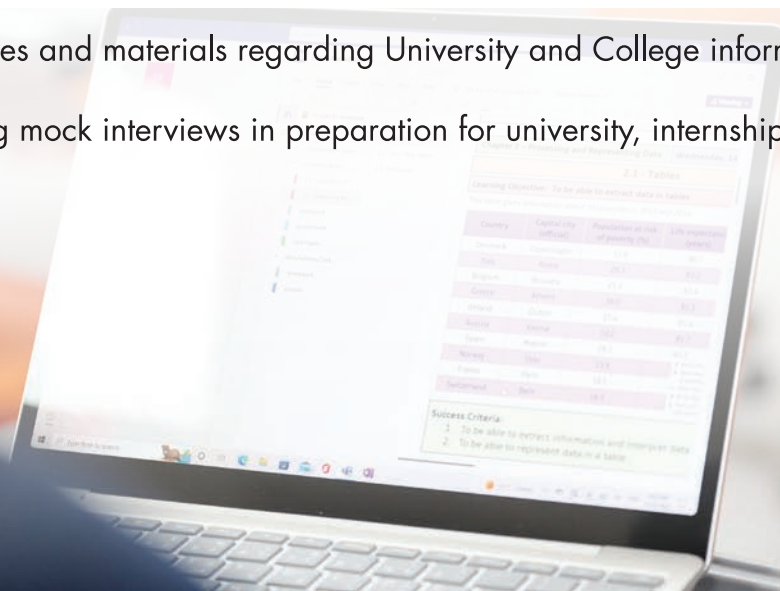
Develop Career Portfolios, which include test and grade results, personal essays, examples of student work, resumes etc; through Naviance, individual profile and action plan.

Assist with individual career planning, preferably with parent's involvement. The Careers and University Guidance Counsellors are available from Sundays through to Thursdays. Parents are also encouraged to actively take part in the student's university application process.

Arranging, together with the IB.\_AS, coordinator and CAS teacher; job shadowing, work placements and community based learning programs to allow students to directly experience workplace situations.

Obtaining of prospectuses and materials regarding University and College information.

Setting up and providing mock interviews in preparation for university, internships, and work interview.



# YEAR 12 AS-LEVEL BTEC PROGRAMME

---

AS levels are the traditional qualifications offered by schools and 6th Form colleges for 16-19 year olds. They're highly valued by universities and employers and focus on academic subjects.

The subjects you choose to study for AS level can help shape your future, so your choices are important. You don't necessarily have to choose between maths/sciences or English/humanities - its fine to mix them however, if you're already focused on a particular career, this is a chance to start to specialise.

What matters most is choosing subjects you will really enjoy. A/AS level involves much more in-depth study than IGCSE, and to do well you will need to do extra reading and become absorbed in your subjects.

AS levels are mostly assessed by written exams, although there's also some coursework in some subjects. In subjects like science and art, your child's practical skills are also assessed

BTEC are recognised by a large number of universities across a wide range of industries.

If you are not fond of taking exams and find the pressure causes you to under-perform, a BTEC will allow you to undertake a number of units for which you will present evidence, based on real-life work and studies.

This means you can demonstrate your skills and knowledge through a practical situation rather than sweating it out in an exam hall.

You will be provided with personal guidance and support by your teacher, who will also help you meet deadlines and reach your full potential. AS levels and BTEC results are the gateway to most university and college courses.



# Entrance requirements to the Sixth Form

Before entering the Sixth Form students must have achieved 7 IGCSE A\*-D or 5 IGCSE A\*-D and 1 BTEC.

## PROCEDURES

All students will have an individual meeting with a member of the Counselling and Careers Guidance Team to discuss their subject options.

The school will invite all students and parents of year 11 to an options evening where you will be offered the opportunity to gather much need information about Sixth Form. Students will make initial option choices as to route and subjects by End of February.

All offers of placement on courses is reliant on students attaining the grades required in the final IGCSE examinations- courses can only be finalised after these exams.

A close-up photograph showing a pair of hands placing a small blue circular sticker onto a card that features a colorful donut illustration. In the background, other cards with different food-themed illustrations like an ice cream cone and a burger are visible on a wooden table.

# ACADEMIC SUPPORT

---

A huge element of further education is the independence and freedom that students have to learn and research, using their own initiative. However, the assistance of teachers and support staff is also still of great significance to the success of students. Many systems are in place to ensure you get the most out of your study in Sixth Form.

**Microsoft Teams** - An invaluable tool which has been set up to allow the members of GES access to resources, materials, and news. The Sixth Form has its own section, which contains subject related content as well as general tips on essay writing and study.

**121 Meetings** - All students get together with the Career Guidance Counsellors, AS Coordinator and Head of Sixth Form at several points in the year to discuss academic progress and anything else relating to study and future plans. Additionally, students may want to approach one of the Sixth Form team to discuss academic issues.

**After School Sessions** - Many departments hold regular after school sessions and clubs to go over subjects content and enhance understanding and sense of a particular topic, theme or module. Revision Guides - Guides and booklets are produced by departments for Sixth Formers.



# LIFE IN THE SIXTH FORM

---

## COMMUNICATION

It is vital that during induction week, students provide the Sixth Form team with personal contact details: both home and mobile numbers and email addresses.

Important information, notices and announcements will be sent via email messages to school and personal addresses.

## ACADEMIC WORK AND TIME MANAGEMENT

Work must come first. Students enter the Sixth Form to complete a programme of study. The first priority must be to complete this programme of study successfully.

Any course in the Sixth Form represents a step up from that which the student was used to in Year 11. Advanced courses for instance, require the same amount of time spent outside of the lesson as they do inside of the lesson.

Students will finish school by 2pm at the latest and it is the responsibility of the student to fit in this work between then and when they go to sleep, over a seven day week.

Students will also receive some non-contact time, a time when there are no lessons. We strongly recommend that students use this time to complete the reading around the subject and set class work.

## EXPECTATIONS

When you accept a place in the Sixth Form, you automatically agree to accept the routines and obligations that go with it. We expect all our senior students to behave as worthy role models and leaders, therefore punctuality and a positive attitude is essential. The full set of expectations and Sixth Form contract will be signed upon offering you a place at GES. Make sure you read them thoroughly at the start of the year.



# LIFE IN THE SIXTH FORM

## ATTENDANCE

There is a direct correlation between attendance and progress on courses. At GES we monitor this closely in order to help each student attain her/his goals.

Attendance at all timetabled lessons, including assemblies and all special study days is compulsory.

Attendance figures are recorded electronically on each students file and may be referred to when reference requests are made by educational institutions.

Absenteeism, poor punctuality and truancy will be followed up. In the case of illness, we expect you or your parents/guardians to contact the school.

We understand that during the year, students may need to visit universities and institutions for open days and or interviews. Please notify your tutor and teachers in advance and make sure you pick up any set work beforehand.

In order to graduate from The Gulf English School you are expected to have above 90% attendance. Students should not arrange any inappropriate engagements in school time, such as driving lessons, hair, dentists or doctor's appointments.

# DRESS CODE

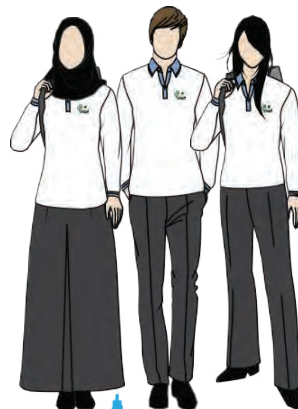
The 6th form have a different uniform from years 7-11. It is expected that students wear this uniform every day. As the oldest students in school, our 6th formers are role models for the rest of the GES community and are expected to set high standards. Shoes must be plain black or blue. Girls may wear abayas over the uniform must be plain black.



6th Form

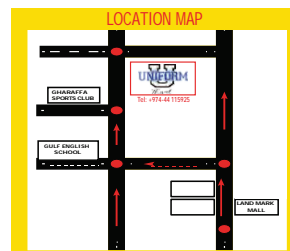


Celebrating 25 years of success  
Learners today, Leaders Tomorrow



Uniform Mart Store, Doha, Qatar  
Al Maszhabiya St, Near Al Meera Izghawa \  
and Garrafa Sports Club Doha, Qatar

Email: [info@uniformmart.net](mailto:info@uniformmart.net),  
Phone: +974 44115925, +974 44691459



We are now open on Friday.  
[www.uniformmart.net](http://www.uniformmart.net)

# SUBJECTS OFFERED



## SUBJECT CHOICES

SUBJECT	PAGES
Arabic	19
Art and Design	21
Biology	22
Business Studies	24
Chemistry	26
Computer Science	28
Economics	29
English General Paper	30
English Language	31
Geography	33
History	35
ICT BTEC	36
Mathematics	37
Media Studies	39
Physics	42
Politics	45
Travel and Tourism	47

# ARABIC

Exam Board:  
Edexcel Examination

## CONTENT SUMMARY:

The AS Arabic course concentrates on three major skills:

### Reading Comprehension: 30 marks

Students have to be trained to read many different kinds of Arabic texts in order to develop their Reading Skills. They will be set comprehension tasks in order to demonstrate their reading skill.

### Writing Skills -30 marks

Students will write a 240-280 word essay, in Arabic, in response To a short Arabic-language stimulus and related bullet points. The assessment rewards learners for communicating relevant Information effectively as well as for the quality of the Arabic Language produced

### Grammar: 20 marks

student will need to understand and manipulate grammatical structures of Arabic by selecting the most appropriate word form to fit a gap, and by manipulating sentences that appear in a previous exercise and reforming the sentence around a given word and addition, a maximum of five marks will be given for the vocalization of text produced in response to one of the question.

### Career Opportunities:

This Program helps the student to find a job in many areas,  
Including Translator, Journalist, Arab satellite broadcaster, Teacher.

## ENTRY REQUIREMENTS:

The students should pass in Arabic IGCSE to be able to success in this program.



# ART & DESIGN

**Exam Board:**

**Pearson Edexcel Fine Art  
(9FA0)**

**Course Content:**

Cambridge AS Art and Design 9479

The aim of this course is to enable candidates to investigate and explore both traditional and contemporary art media and ideas through a range of 2D and 3D disciplines. Students will experiment with a broad array of media and materials, this will expand their skills and understanding of the subject and their chosen topic. Pupils will also be more aware of future job prospects within the Art and Design industry. An interest, enthusiasm and enjoyment for the subject is essential, due to the rigorous and demanding elements of the course.

## Course Assessment:

Component 1 and Component 2.

- Component 1: Portfolio and Final Outcome. This work is 50% of your total mark, should be considered as coursework and can also help students produce elements of the portfolio requirements for VCU.
- Component 2 - This is an external set exam paper in which pupils have limited time to prepare and sit a 15 hour creative exam and is 50% of your mark.

## Career Paths:

- Architect
- Urban Planner
- Art Dealer
- Art Critic
- Animator
- Automotive Designer
- Cartoonist
- Sculptor
- Designer
- Fine Artist

## ENTRY REQUIREMENTS:

GCSE Art- D or above

BTEC Level 2- Merit or above

Or personal interview with supporting art portfolio.

## Possible project titles include:

VCU portfolio building:

Creating a body of work which would be suitable for applying to VCU.

## Improving observational skills:

Drawing, photography and writing as a basis for developing ideas in a range of media and techniques. Inside and Outside, Where Am I? Harmony or Discord, Reflections, Light and Dark- personal responses to agreed project titles.

## Further Education:

At University, they have been able to access courses such as

- Architecture
- Fine Art
- Art History
- Digital Arts and Computing
- Graphic Design
- Media
- Film Production
- Ceramics



# BIOLOGY

Exam Board:  
Edexcel Examinations

## Course Content:

The syllabus includes

- Unit 1 : Lifestyle, Transport, Genes and Health
- Unit 2 : Development, Plants and the Environment
- Unit 3 : Practical Biology and Research Skills

Unit 3 may also assess knowledge of units 1 and 2.

## Course Assessment:

At the end of the course, students will sit 3 examinations.

- Paper 1: Written examination of 1 hour and 30 minutes, consisting of objective, structured and short-answer questions (80 marks). This exam makes up 40% of the qualification.
- Paper 2 : Written examination of 1 hour and 30 minutes, consisting of objective, structured and short-answer questions (80 marks). This exam makes up 40% of the qualification.
- paper 3 - practical and skills based exam.

## Career Opportunities:

Students studying AS Biology will be able to study Biology in more depth in university. Students will also be able to apply for courses such as medicine, dentistry, biomedical sciences and physiotherapy.

## ENTRY REQUIREMENTS:

Students must achieve a grade 9 - 6 in the extended paper at IGCSE Biology

# A2 BIOLOGY

Exam Board:  
Edexcel Examinations

## Course Structure:

The syllabus includes

### UNIT 4

Energy Flow, Ecosystems and the Environment  
Microbiology, Immunity and Forensics

### UNIT 5

Respiration, Muscles and the Internal Environment  
Coordination, Response and Gene Technology

### UNIT 6

Practical lessons designed to develop further the experimental skills and the knowledge and understanding of experimental techniques that they acquired in Units 1 and 2 as well as carrying out a range of practical experiments and investigations which link to the content of Units 4 and 5.

## Course Assessment:

Paper 4: Examination of 1 hour 45 minutes. 90 marks including multiple-choice, short-open, open-response, calculations and extended-writing questions.

Paper 5: Examination of 1 hour 45 minutes. 90 marks including multiple-choice, short-open, open-response, calculations and extended-writing questions.

Paper 6: Examination of 1 hour 20 minutes. 50 marks of practical skills-based questions.

## Career Opportunities:

Students studying AS Biology will be able to study Biology in more depth in university. Students will also be able to apply for courses such as medicine, dentistry, biomedical sciences and physiotherapy.

# ENTRY REQUIREMENTS:

C or above in AS Biology

# AS BUSINESS

**Exam Board:**  
**Edexcel**

## ENTRY REQUIREMENTS:

IGCSE Mathematics and English at grades 4 would be beneficial.

A qualification in a business-related subject, such as an IGCSE Business would be an advantage, but is not necessary.

A qualification in a business-related subject, such as an IGCSE Business would be an advantage, but is not necessary.



### Course Structure:

There are 2 units of study which form this course each weighted equally for the course assessment. Unit 1 is based on marketing and people and contains sections related to meeting customer needs, the market, marketing mix, marketing strategy, managing people and entrepreneurs and leadership. Unit 2 is about managing business activities and consists of planning a business, raising finance, financial planning, managing finance, resource management and external influences.

The course will follow a modular approach whereby the first unit will be taught in term 1 and assessed in January. This will enable learners to focus on unit 2 for the final terms.

### Career Opportunities:

Students can progress from these qualifications to higher education courses such as business management, business administration, accountancy and finance, human resource management, marketing, retail management, tourism management, international business.

A wide range of careers, ranging from banking, sales, product management and general management to working in public sector organisations and charities.



### Course Assessment:

- Unit 1: Marketing and people Externally assessed written examination, 2-hour duration, 80 marks. 50% weighting of overall course.
- Unit 2: Managing business activities Externally assessed written examination, 2-hour duration, 80 marks. 50% weighting of overall course.

Unit 1 assessment will be done in January and unit 2 during June. Both are a combination of short and extended response questions based on sources and also an essay question.



# AS CHEMISTRY

**Exam Board:**  
**Edexcel Examinations**

## **Course Content:**

## **ENTRY REQUIREMENTS:**

Students must achieve a grade 9-6 in the extended paper at IGCSE Chemistry.

Grade 6 or above in IGCSE Maths is also strongly recommended.

The syllabus includes the study of following areas:

The study of energetics in chemistry is of theoretical and practical importance. They will see how a study of enthalpy changes can help chemists to understand chemical bonding. The study of atomic structure introduces s, p and d orbitals and shows how a more detailed understanding of electron configurations can account for the arrangement of elements in the periodic table. The unit introduces the three types of strong chemical bonding (ionic, covalent and metallic). Organic chemistry is also introduced with students studying alkanes and alkenes. Study of the periodic table is extended to cover the chemistry of groups 2 and 7. Ideas about redox reactions are applied, in particular, to the reactions of halogens and their compounds. The unit develops a largely qualitative understanding of the ways in which chemists can control the rate, direction and extent of chemical change.

## **Unit 1: The Core Principles of Chemistry.**

**Content Summary:**

This unit provides opportunities for students to develop the basic chemical skills of formulae writing, equation writing and calculating chemical quantities. The study of energetics in chemistry is of theoretical and practical importance. In this unit students learn to define, measure and calculate enthalpy changes. They will see how a study of enthalpy changes can help chemists to understand chemical bonding. The study of atomic structure introduces s, p and d orbitals and shows how a more detailed understanding of electron configurations can account for the arrangement of elements in the periodic table. The unit introduces the three types of strong chemical bonding (ionic, covalent and metallic). Organic chemistry is also introduced with students studying alkanes and alkenes.

## Unit 2: Application of Core Principles of Chemistry.

Content summary:

This unit develops the treatment of chemical bonding by introducing intermediate types of bonding and by exploring the nature and effects of intermolecular forces. Study of the periodic table is extended to cover the chemistry of groups 2 and 7. Ideas about redox reactions are applied, in particular, to the reactions of halogens and their compounds. The unit develops a largely qualitative understanding of the ways in which chemists can control the rate, direction and extent of chemical change. Organic chemistry in this unit covers alcohols and halogenoalkanes. The treatment is extended to explore the mechanisms of selected examples. Students have to use formulae and balance equations and have an understanding of chemical quantities. Aspects of green chemistry and climate change are also studied.

## Unit 3: Chemistry Laboratory Skills.

Content summary:

This unit contains a practical written examination that covers the content of Units 1 and 2. There is no specific content for this unit. The practical written examination covers the areas of physical, organic and inorganic chemistry and the following types of practicals: qualitative observations, quantitative, measurements, preparations.

## Course Assessment:

At the end of the course, students will sit two examination papers.

- Paper 1: Examination of 1 hour 30 minutes in two sections: Section A: objective test questions Section B: mixture of short-answer and extended answer questions.
- Paper 2: Examination of 1 hour 30 minutes in three sections: Section A: objective test questions Section B: mixture of short-answer and extended answer questions Section C: contemporary context questions.
- Paper 3: Examination of 1 hour 15 minutes with one section. The practical written examination covers the areas of physical, organic and inorganic chemistry.



# A2 CHEMISTRY

**Exam Board:**  
**Edexcel Examinations**

## Course Structure:

The syllabus includes

### UNIT 4

Kinetics	Acid-base Equilibria
Entropy and Energetics	Organic Chemistry: Carbonyls,
Chemical Equilibria	Carboxylic Acids and Chirality

### UNIT 4

Redox Equilibria	Organic Nitrogen Compounds: Amines,
Transition Metals and their Chemistry	Amides, Amino Acids and Proteins
Organic Chemistry: Arenes	Organic Synthesis

### UNIT 6

Practical lessons designed to develop further the experimental skills and the knowledge and understanding of experimental techniques that they acquired in Units 1 and 2 (tests for anions and cations, gases and organic functional groups) as well as carrying out a range of practical experiments and investigations which link to the content of Units 4 and 5.

## Course Assessment:

Paper 4: Examination of 1 hour 45 minutes. Section 1: 20 multiple choice questions. Section 2: 70 marks of short and extended written answer questions.

Paper 5: Examination of 1 hour 45 minutes. Section 1: 20 multiple choice questions. Section 2: 70 marks of short and extended written answer questions.

Paper 6: Examination of 1 hour 20 minutes. 50 marks of practical skills based questions.

## Career Opportunities:

Students studying AS Chemistry will be able to study Chemistry in more depth at university and study courses such as medicine, chemical engineering, and pharmacy.

## ENTRY REQUIREMENTS:

C or above in AS chemistry

# AS COMPUTER SCIENCE

**Exam Board:**  
**Cambridge International Examination**

## **Course Structure:**

The aims of this course are to enable students to develop computational thinking skills with an understanding of the main principles of solving problems using computers. They will understand component parts of computer systems and how they interrelate, including software, data, hardware, communication and people. Students will explore different methods of communication and the functionality of networks and the internet while also improving the skills necessary to apply this understanding to develop computer-based solutions to problems.

Themes of learning throughout the course will contain programming paradigms, computer architecture and hardware and data representation and structures.

## **Career Opportunities:**

By studying this course students will be suitably placed to go onto further education and study related courses such as Computer science, Software engineering and Cyber security.

Career opportunities for students who study this course will include Applications developer, Cyber security analyst, Data analyst, Forensic computer analyst, Machine learning engineer, Games developer/ designer, Software engineer, Systems analyst and web designer/ developer.

## **Course Assessment:**

2 external examinations will take place at the end of the school year, weighted at 50% each, with 75 marks per paper.

- Paper 1 – Theory fundamentals (1.5 hours)
- Paper 2 – Fundamental problem-solving and programming skills (2 hours)

## ENTRY REQUIREMENTS:

6 or above in Computer Science and Maths.



# AS ECONOMICS

**Exam Board: Edexcel**

## Course Structure:

## ENTRY REQUIREMENTS:

Achieve a grade 6 in IGCSE Business or Enterprise. For those who have not studied these subjects, a grade 6 in maths.



The AS level of this course introduces students to the economic markets and macroeconomic performance and policy. These are the only 2 units they will be studying for the year.

Students will be introduced to the nature of economics and examine how the price mechanism allocates resources in local, national and global markets.

Students will learn to apply supply and demand analysis to real-world situations, and will be able to suggest reasons for consumer behaviour. This will involve looking at how consumers act in a rational way to maximise utility and how firms maximise profit but also why consumers may not behave rationally. Students will analyse the nature and causes of market failure and understand the strengths and weaknesses of possible policy remedies.

They will also explore key measures of economic performance and the main objectives and instruments of economic policy in an international context. Students will learn how to use a basic AD/AS model to analyse changes in real output and the price level.

Students will look at when demand and/or supply side policies may be appropriate ways of improving an economy's performance; consider these policies in an historical context; predict the possible impact of such policies and recognise the assumptions involved.

## Career Opportunities:

By studying this course students will be suitably placed to go onto further education and study related courses in economics, finance and business.

Career opportunities for students who study this course will include Economist, Financial risk analyst, Data analyst, Financial planner, Accountant, Economic researcher, Financial consultant, Investment analyst.

## Course Assessment:

There will be 2 external examinations, of which 1 will be conducted in January and the other in May/June. Each exam will be a duration of 1 hour and 45 minutes with 80 marks available.

Both exams will include multiple-choice, short-open response and extended-writing questions. Some of these will relate to sources provided in a Source booklet.

# ENGLISH GENERAL PAPER

**Exam Board:**

**Cambridge International Examination (8021) Cambridge 9607**

## COURSE CONTENT:

**Cambridge International AS Level English General Paper** course will help learners to oversee several general knowledge concepts and give the opportunity to gain knowledge and understanding of issues in these three broad topic areas:

- 1 Economic, historical, moral, political and social
- 2 Science, including its history, philosophy, ethics, general principles and applications; environmental issues; technology and mathematics
- 3 Literature, language, the arts, crafts, and the media.

The course incorporates topics within local and international contexts. Also, learners should be able to draw upon knowledge and understanding gained from studying other subjects.

## COURSE ASSESSMENT

### Paper 1

Essay 1 hour 15 minutes

30 marks

Candidates answer one essay question from a choice of 10.

Externally assessed

50% of the AS Level

### Paper 2

Comprehension 1 hour 45 minutes

50 marks

Candidates answer compulsory questions on reading material.

Externally assessed

50% of the AS Level

## Career Paths

**Cambridge International AS Level English General Paper** is accepted by universities and employers as proof of understanding and the ability to communicate in the English language.

## ENTRY REQUIREMENTS:

Students should have at least a C in IGCSE English as a Second Language as the course requires a certain amount of discursive writing. Students are also expected to read widely and have an interest in current affairs.





# ENGLISH LITERATURE

Exam Board: Cambridge  
International Examination (CIE)

One Year Course in Year 12

## ASSESSMENT

- Successful AS English Literature 9675 students gain lifelong skills including:
- At AS Level learners will study three set texts and prepare for one unseen text.
- Learners will be encouraged to practise their skills in close reading through the study of literary extracts and unseen texts; developing skills of analysis and interpretation of texts, alongside their expression of personal response to the texts studied.
- Learners will explore the conventions of genres of texts and the contexts in which works have been written, read, and received.

## CAREER OPPORTUNITIES

- Writer, Interpreter, Journalist, Teacher and lots more.

## ENTRY REQUIREMENTS:

Grade B or above English as a First Language (Extended).

Strongly recommended to have a Grade C or above in IGCSE Literature (English).

## INTERDEPENDENT SKILLS

'The course aims to encourage students to produce critical and informed responses to writing in a range of forms.'

### Possible areas for consideration might include:

- Medical dilemmas and issues of research and ethics; concept of progress in science.
- Drug manufacture and provision.
- Diet, health education.
- Information and communications technology; the Internet

**Section 3:** Literature and language, arts and crafts.

### Possible areas for consideration might include:

- Literature, biography, diary, science fiction. Language — heritage, tradition, dialect.
- The global media — TV, radio, satellite; influence and controls; effects on lifestyle, culture and habits; cultural dilution and diversification; advertising; role models.
- Censorship; privacy; the right to know; freedom of the press, etc. uses and abuses.
- Traditional arts and crafts; creativity; national heritage/ preservation; effects of tourism. Architecture; painting; fashion; photography; sculpture; music; heritage.



# AS ENGLISH LANGUAGE

**Exam Board:**  
**Cambridge (9093)**

## ENTRY REQUIREMENTS:

Students must achieve a grade  
Minimum grade 4 at IGCSE English First Language  
or English Literature

### Course Structure

Learners who follow the Cambridge International AS & A Level English Language syllabus will develop the following skills and understanding:

Sustaining accurate, fluent and consistent writing

Producing informed responses appropriate to the specified form, style, context, and audiences

Conveying knowledge and understanding from both specific examples and wider studies.

### COURSE ASSESSMENT

2 Papers. Paper 1 (Reading) worth 50% and Paper 2 (Writing) worth 50%.

#### Career Paths

Studying AS English Language can lead to a career in Journalism, Writing, English Teacher, Publishing and more.



# AS GEOGRAPHY

Exam Board:  
Cambridge (9696)

## ENTRY REQUIREMENTS:

Students must achieve a grade  
C or above at IGCSE Geography  
C or above in English

### What topics the course covers:

Core Physical Geography: Hydrology and fluvial geomorphology Atmosphere and weather Rocks and weathering  
Core Human Geography: Population Migration Settlement dynamics.

### COURSE ASSESSMENT

Two exams each worth 50%

Paper 1: Core Physical Geography (1 hour 30 minutes)

- Section A: Three data response questions (30 marks)
- Section B: One structured question from a choice of three (30 marks) 60 marks 50%

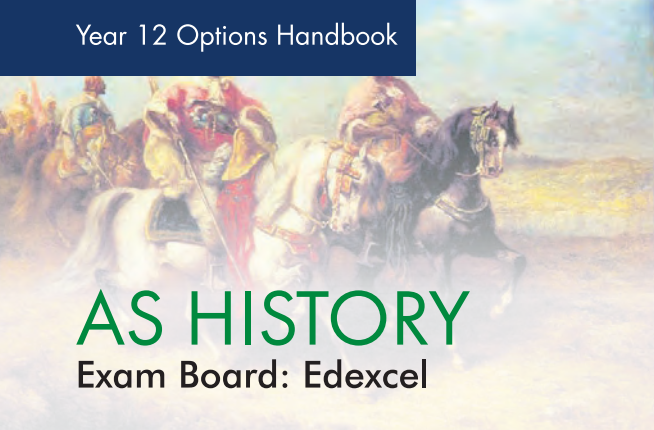
Paper 2: Core Human Geography (1 hour 30 minutes)

- Section A: Three data response questions (30 marks)
- Section B: One structured question from a choice of three (30 marks) 60 marks 50%

### Career Paths

Conservation, Teaching, NGOs, Architecture, Politics





# AS HISTORY

Exam Board: Edexcel

## ENTRY REQUIREMENTS:

**Mandatory:** at least grade 3 in English IGCSE

**Ideally:** History, Geography IGCSE or MUN participation

### Course structure:

The International AS consists of 2 units.

We will study:

- Russia in Revolution, 1881-1917
- China, 1900-1976

These units will build on IGCSE History but allow students who did not study IGCSE History to 'jump on' at 2 exciting and controversial points in History. The focus on two of the most significant historical and contemporary nations of the 19-21st centuries will give students strong chronological and causational understanding of key concepts and events. Coupled with AS Politics or AS Geography, this will give students unrivalled understanding of our world today and enable students to comfortably apply for Degree routes in History, Politics, International Relations or economics based degrees. If studied at A2, we will study:

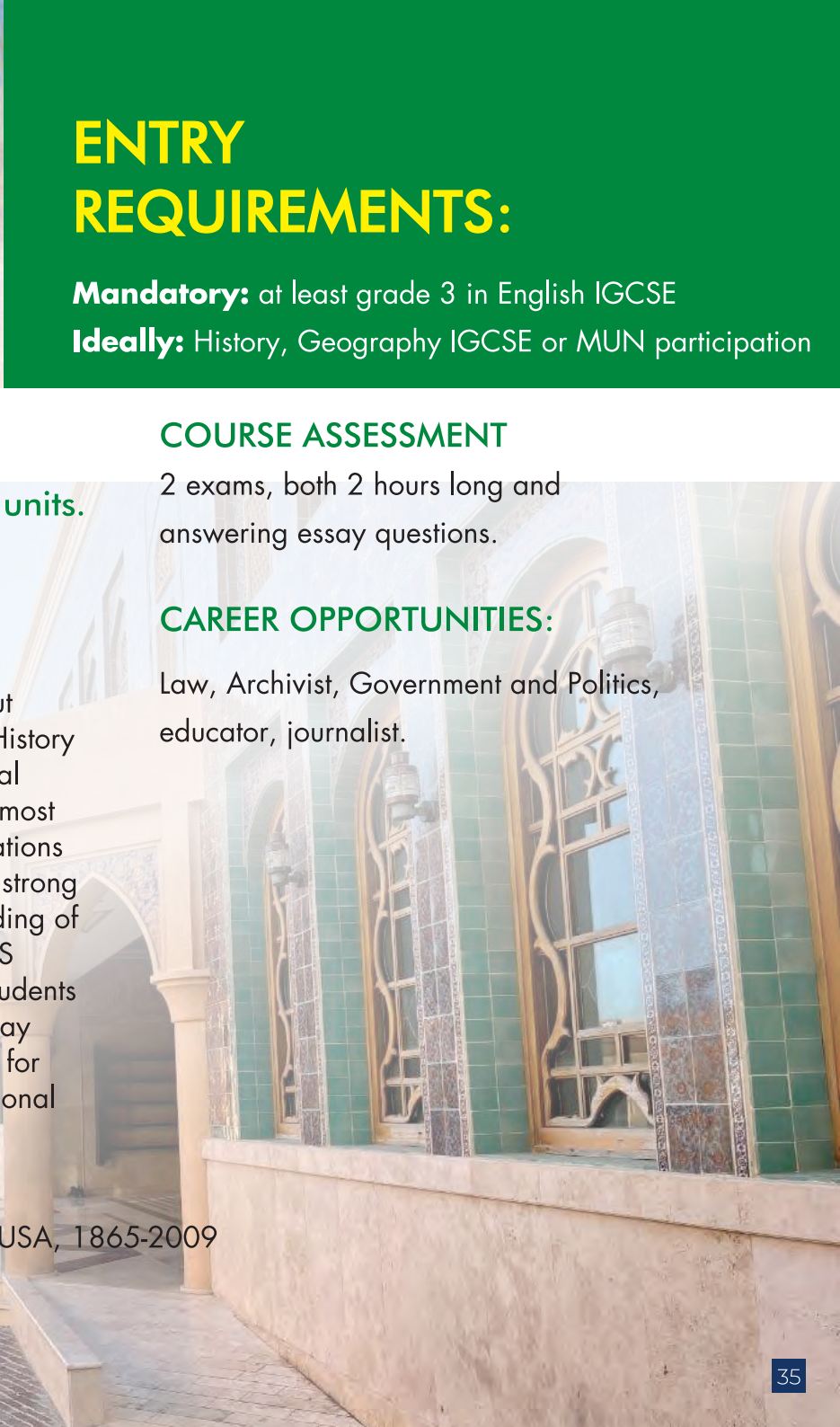
- Civil Rights and Race Relations in the USA, 1865-2009
- The World in Crisis, 1879-1945

### COURSE ASSESSMENT

2 exams, both 2 hours long and answering essay questions.

### CAREER OPPORTUNITIES:

Law, Archivist, Government and Politics, educator, journalist.





## ENTRY REQUIREMENTS:



It is ideal to have a BTEC IT level 2 qualification to make transition into this course from key stage 4 easier, however a grade 3 or D at English and Maths will be suitable.

**Exam Board:**  
**Edexcel (Pearson)**

### Course Structure:

This BTEC level 3 qualification has units of work within it that are certified by Microsoft and contain Azure, software fundamentals built into it. Many are also linked to the Computer Science curriculum. Learners have the opportunity to study 2 units of work over the course of year 12 to achieve the Certificate in IT.

There are a wide range of units that can be taught, which are selected by the teacher, based on the suitability of the learners.

### Career Opportunities:

BTEC qualifications encompass applied learning that brings together knowledge and understanding with practical and technical skills. This is achieved through learners performing vocational tasks that encourage the development of appropriate vocational behaviours and transferable skills.

Transferable skills are those such as communication, teamwork and research and analysis, which are valued in both higher education and the workplace.

The course leads to Computing courses and career such as Management information systems, Cloud computing, Network security, IT technical support and software development.

### Course Assessment:

The optional unit of work is marked by the class teacher and likely to be externally moderated.

1 of the 2 units of study is a Pearson Set assignment, which is subject to an external standards verification process.

# AS MATHEMATICS

Exam Board:  
Edexcel Examination

One Year Course in Year 12

## ENTRY REQUIREMENTS:

Grade 6 or better in IGCSE Mathematics.

- This course is for those students who enjoy the challenges of mathematics and want an AS level, which is well respected by both universities and employers. AS Level Mathematics builds on the skills acquired at IGCSE level and can be attained by completing three modules. It is a study of two Pure Maths modules and one Applied Maths module. The Applied Maths module provides the students with an opportunity to explore the ways in which data can be processed and represented.
- Within the options available of the applied modules, your child will be taught Statistics(S1), Pure (P1) and Pure 2 (P2). These are compulsory modules for all candidates.

**The Pure modules (P1 and P2) will include topics such as:**

Algebra, Calculus, Trigonometry, Coordinate, Geometry & Graphical Representations

## ASSESSMENT

### Core Modules:

All students must sit these compulsory modules at the end of the year

**P1** —AS Structured Questions (Duration: 1.5 hrs)  
Mark 33%

**P2** — AS Structured Questions (Duration: 1.5 hrs)  
Mark 34%

### Applied Modules:

Students who chose Statistics will sit the S1 paper.

**S1** —AS Structured Questions (Duration: 1.5 hrs)  
Mark 33%



The Statistics (S1) module is recommended for those looking at a profession in Medical, Financial or Business environment, and will include topics such as:

Descriptive statistics (Mean, Median, Mode, Box Plots, etc.) Probability Normal Correlation and Regression

Overall the course would provide you with the numerical background for other subjects such as Biology, Business Studies and Physics.

## CAREER OPPORTUNITIES

- Accounting, Stock Market, Teacher, Architect, Banking, Engineering, Financial Advisor.





# AS MEDIA STUDIES

Exam Board:  
Cambridge 9607

## ENTRY REQUIREMENTS:

Grade 4 in iGCSE Media or C in English first language.

### Course content:

The assessment objectives (As) have been revised and updated and the weightings changed.

- **Component 1:** Foundation Portfolio: The number of marks available in Component 1 has changed to 50 marks. Collaborative work has been removed creative critical reflection must be produced and presented individually.
- **Component 2:** Media texts and contexts: The number of marks available in Component 2 has changed to 50 marks. In Section A of Component 2 the TV Drama is no longer limited to being American.
- **Component 3:** Advanced Portfolio: The number of marks available in Component 3 has changed to 0 marks. The Creative critical reflection section has been replaced with an essay of around 1000 words (including guiding questions) focusing on evaluation of the Component 3 process and outcome.
- **Component 4:** Critical Perspectives: The number of marks available in Component 4 has changed to 60 marks. Section A is no longer an evaluation of the candidate's own working the Foundation Portfolio and the Advanced Portfolio, Candidates must now answer two questions from a choice of three focusing on media regulation, postmodern media and power and the media.

Section B is synoptic and now includes one compulsory question.

## COURSE ASSESSMENT:

The course has 2 parts broken down into one exam and one piece of coursework.

**Exam**-You will sit an exam paper at the end of year 12 where you are provided with an unseen media source. You will answer a variety of questions on the source applying the different media topics and concepts you have learnt throughout your study of the subject. There will be a range of multiple choice, short and extended answers. The exam is worth 70% of your final grade and will be externally marked.

**Coursework**-You will create one piece of practical coursework, which counts for the remaining 30% of your final grade. You will be expected to carry out research, planning and an evaluation of your work as well as the practical elements itself. This will be internally assessed then externally moderated.

## Career Paths

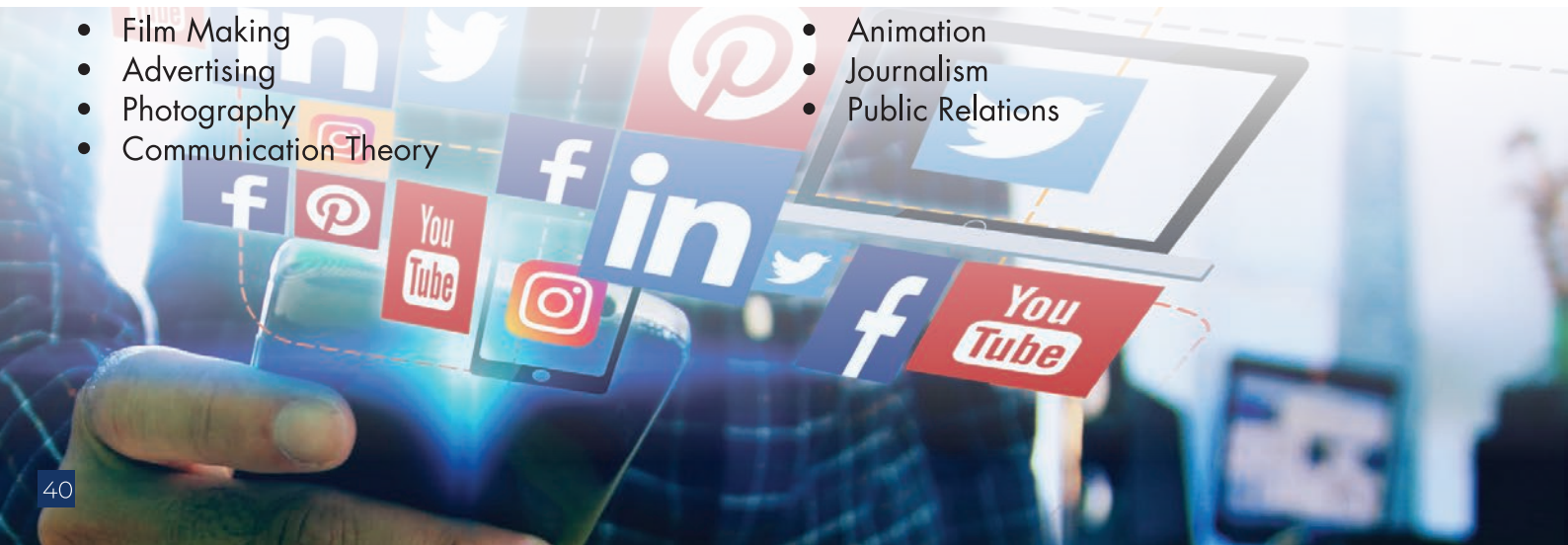
Where can a career in Media take me?

- Director
- Media Law
- Screen Writer
- Market Research
- Journalist
- Advertising
- Public Relations
- Producer

## Further Education

To continue your studies of Media at University, you can enroll in such courses as:

- Film Making
- Advertising
- Photography
- Communication Theory
- Animation
- Journalism
- Public Relations



## Course grading:

A1:

- Component 1: Foundation Portfolio - 50 marks for practical coursework.
- Component 2: Media Texts and Contexts - 50 marks for written examination.

Externally marked and verified - based on material

A2:

- Component 3: Advanced Portfolio - 50 marks for practical coursework.
- Component 4: Critical Perspectives - 60 marks for written examination.



## Career Opportunities

- Advertising Account Executive
- Broadcast Journalist
- Editorial Assistant
- Event Organiser
- Information Officer
- Magazine Journalist
- Television/Film/Video Producer

# PHYSICS

**Exam Board:**  
**IAS Edexcel Examinations**

## ENTRY REQUIREMENTS:

Students must achieve a grade 9 - 6 in the extended paper at IGCSE Physics.

Grade 6 or above in IGCSE Maths is also strongly recommended.

## Course Content:

The syllabus includes the study of the following areas:

Core Principles:

Physics on the Go:

This unit involves the study of mechanics (rectilinear motion, forces, energy and power) and materials (flow of liquids, viscosity, Stokes' Law, properties of materials, Young's modulus and elastic strain energy).

Physics at work:

This unit involves the study of waves (including refraction, polarisation, diffraction and standing (stationary) waves), electricity (current and resistance, Ohm's law and non-ohmic materials, potential dividers, emf and internal resistance of cells, and negative temperature coefficient thermistors) and the wave/particle nature of light.

## Course Assessment:

At the end of the course, students sit three examination papers:

- Paper 1: Physics on the Go (1 hour 30mins) 40%
- Paper 2: Physics at Work (1 hour 30mins) 40%
- Paper 3: Exploring Physics (1 hour 20mins) 20%



# A2 PHYSICS

**Exam Board:**  
**Edexcel Examinations**

## Course Structure:

The syllabus includes

### UNIT 4

Further Mechanics  
Electric and Magnetic Fields  
Nuclear and Particle Physics

### UNIT 6

Practical lessons designed to develop further the experimental skills and the knowledge and understanding of experimental techniques that they acquired in Units 1 and 2 as well as carrying out a range of practical experiments and investigations which link to the content of Units 4 and 5.

## Course Assessment:

Paper 4: Examination of 1 hour 45 minutes. 90 marks including multiple-choice, short-open, open-response, calculations and extended-writing questions. A minimum of 36 marks will be awarded for mathematics.

Paper 5: Examination of 1 hour 45 minutes. 90 marks including multiple-choice, short-open, open-response, calculations and extended-writing questions. A minimum of 36 marks will be awarded for mathematics.

Paper 6: Examination of 1 hour 20 minutes. 50 marks of practical skills-based questions.

## Career Opportunities:

As Physics is an essential subject for those considering careers in engineering, architecture and design. It also arms pupils with an admirable skillset for approaching and solving problems logically.

## ENTRY REQUIREMENTS:

C or above in AS Physics.

### UNIT 5

Thermodynamics  
Nuclear Decay  
Oscillations  
Astrophysics and Cosmology

# PHYSICS

As Physics is an essential subject for those considering careers in engineering, architecture and design. It also arms pupils with an admirable skillset for approaching and solving problems logically.

This course is for pupils who find themselves naturally curious about how things work and wish to gain an AS level in a well-respected subject.

The course will foster creative thinking and problem- solving skills which are transferable to any future career path.

Students of this course should be prepared to approach this subject with an inquisitive mind and enjoy the process of logically dissecting problems to arrive at plausible solutions.



The background of the page features a complex collage of physics-related elements. The most prominent is the equation  $E=mc^2$  in large, white, serif font. Below it, the mass of a neutron is given as  $m_n = 1.6749543 \times 10^{-27} \text{ kg}$ . To the right, there is a molecular structure diagram. Various other mathematical formulas and constants are scattered throughout, including  $V_0 = 2.241 \times 10^8 \text{ m}^3/\text{mol}$  and several expressions involving  $I_{x1}$ ,  $I_{x2}$ ,  $R_1$ ,  $R_2$ , and  $R_3$ . The background is a dark blue with glowing lines and particles, suggesting a high-tech or scientific theme.



# AS POLITICS

Exam Board: Edexcel

## ENTRY REQUIREMENTS:

**Mandatory:** At least grade 4 in English (literacy intensive content and exams)

**Ideally:** either Geography, History or MUN attendance

### Course structure:

The course is focused on UK Politics. It is divided into 2 – UK Politics, and UK Government. Whilst the content is focused on the UK, the concepts and skills learnt and used will help understand a broad range of political and international relations contexts. If students opt for A2 in Year 13, we will study Global Politics too.

UK Politics (50%) includes:

- Democratic theory and participation
- UK Political Parties and their actions/legacy
- Electoral Systems
- Voting behaviour and the impact of the media

UK Government:

- The UK Constitution
- Role, rights and actions of Parliament
- The role of the Prime Minister and the Executive
- Relations between government branches

In addition, students will learn case studies from real time political actions and events from around the world, looking at UK domestic events, regional and international relations events. Students will also learn about core ideological movements such as Democracy, Communism, Fascism and Ecologism.

## COURSE ASSESSMENT

There are two exams – each 1 hour and 45 minutes. Paper 1 assesses UK Politics, Paper 2 UK Government. If students opt for A2, they would do a further 3 exams in Year 13.

## CAREER OPPORTUNITIES:

For students wishing to go to Georgetown University in Qatar, or elsewhere for International Relations, Politics or Economics, this AS will stand them out from the crowd as we are one of only a few schools offering this in Qatar.

Students wishing to work in Governments or Ministries will benefit from the fundamental political knowledge built during the course, with increased understanding of Democratic governments and constitutional monarchies.

Coupled with MUN participation, this will also be a powerful platform to a career in diplomacy.





# AS TRAVEL & TOURISM

## COURSE STRUCTURE:

Features of the Travel and Tourism industry. Planning and managing a Travel and Tourism event. The aim of the course is to enable candidates to appreciate the scale and importance of the Travel and Tourism industry. To learn how the industry responds to changes e.g. external factors such as changing consumer needs and expectations and developments in information technology. Also to be able to recognise the positive and negative impacts the industry may have on people, environments and economies.

## Career Opportunities

Cambridge International A Level Travel and Tourism provides a suitable foundation for the study of Travel and Tourism or related courses in higher education. Equally, it is suited for candidates intending to pursue careers, possibly including airport services management, Travel media specialist, Travel educationist, Global distribution service manager. Or as part of a course of general education.

## COURSE ASSESSMENT:

Examination at the end of the year (May, June). The exam is worth 67% of the total grade. Coursework- Planning and managing an event, the coursework project is worth 33% of the total grade.

- Paper 1: Is a 2 hours 30 minutes' industry examination. Candidates answer four questions, each worth 25 marks. Each question is subdivided into four sub-questions.
- Paper 2: Planning and managing a travel and tourism event This is a coursework project which involves planning and managing a travel and tourism event.

Candidates work in a team but present their project individually.

## ENTRY REQUIREMENTS:

5 IGCSE Including English at Grade C or above.

Excellent Attendance on this course is compulsory due to the course work.

Travel and Tourism covers all aspects of the industry including the appeal factor of different destinations, the aim of and role of different organisations in the industry. The course gives a real and practical insight into the Travel and Tourism industry.

## HOW TO CONTACT US

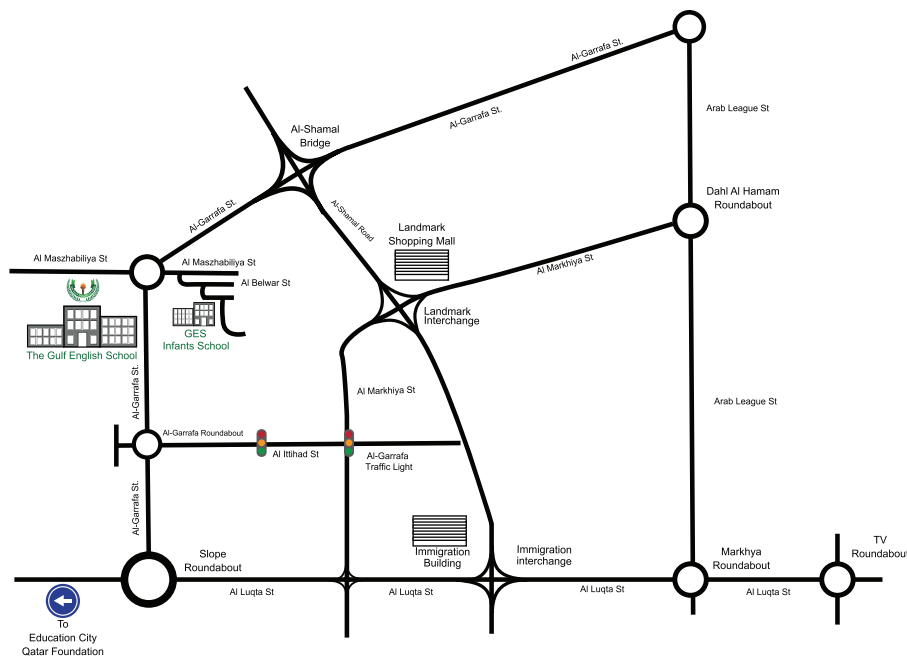
### THE GULF ENGLISH SCHOOL

Telephone	4457 8777
Fax	4486 1256
Email	info@gulfenglishschool.com
Website	www.gulfenglishschool.com
Postal Address	PO Box 2440, Doha, Qatar

Student Support	4457 8705 - Dalia Baraka
Registrar	4457 8704
Cashier	4457 8714
Secondary School	4457 7777 ext 247
Secondary Nurse	4457 7777 ext 275

## HOW TO FIND US

Deputy Head of Secondary Ms Fiona Keery  
fiona.keery@gulfenglishschokkl.com







---

تليفون: ٤٤٥٧٨٧٧٧ (٩٧٤) - فاكس: ٤٤٨٦١٢٥٦ (٩٧٤) - ص.ب : ٢٤٤٠ - الدوحة - قطر  
Tel (974) 44578777 - Fax (974) 44861256 - P. O. Box : 2440 - DOHA - QATAR  
E-mail: [info@gulfenglishschool.com](mailto:info@gulfenglishschool.com)