

2025 – 2027



REGENT
INTERNATIONAL SCHOOL
Inspiring Minds. Building Character.™



**KEY STAGE 5
OPTIONS BOOKLET**
Regent International School

WELCOME

Dear Parents and Students,

It gives me great pleasure to welcome you to this important stage of your Regent journey—one that marks the transition from IGCSE into Sixth Form, and ultimately, towards university, the workplace, and life beyond school.

This is a truly exciting time. For the first time in their academic career, students will have the opportunity to personalise their learning pathway—choosing the subjects that inspire them, align with their ambitions, and reflect their strengths. While that freedom can feel exciting, it's natural that it also comes with questions. This booklet is designed to support that process—providing clear information on the subjects we offer and the guidance available to help every student make the right choices for their future.

At Regent, we believe in the full picture of education. Yes, academic achievement matters—but we also place great value on the broader development of our students: their confidence, independence, curiosity, and resilience. A-Levels provide the chance to go deeper into fewer subjects and develop the habits and thinking skills needed to thrive in higher education and beyond.

Alongside academic study, our Sixth Form includes a rich programme of support and personal development. Students take part in sessions that build key skills, encourage leadership, and help prepare them for university applications and the working world. They'll also be guided to explore wider interests and global issues through curated resources—books, articles, podcasts, lectures, and short courses—beyond the limits of the curriculum.

As students reflect on their options, it's important they consider both what they genuinely enjoy studying and what will best prepare them for life after school. Passion for a subject is often what leads to the greatest success, and choosing courses that support future aspirations—whether academic or career-based—will ensure students are well equipped for whatever lies ahead.

We are here to support every step of the way. We look forward to the journey ahead.

David Williams

Principal



MINISTRY REQUIREMENTS AND EQUIVALENCY

As a resident of the UAE, there are certain educational necessities that all students must adhere to in order to meet the compulsory requirements requested by the Ministry of Education. Therefore, these essentials will be included in their weekly timetabled lessons.

These compulsory requirements include:

All Arab students must study Arabic A until the end of Year 13

All Muslim students must study and pass Islamic Education in Year 13

Emirati students and all those wishing to study in the UAE, must receive certificate equivalency.

To get this, students must ensure they fulfill the following requirements:

- They must complete 13 years of school
- They must have 5 GCSE's A*-D including the following subjects
 - Mathematics
 - Chemistry or Biology
 - History or Geography
 - English Language or English Literature
- They must complete and pass Islamic education and ministry tests in Year 13
- They must complete and pass Arabic education and ministry test
- They must register and complete the EMSAT externally

GENERAL PATHWAY

Students wishing to follow the general path of education in the UAE must adhere to the following further conditions:

A LEVEL

- They must achieve A*-D or 9-5 in at least 2 A Levels (not including A Level Arabic)

ADVANCED PATHWAY

Students wishing to follow the advanced path of education in the UAE must adhere to the following further conditions:

A LEVEL

They must achieve grades A*-D or 9-5 in 3 A-Levels, one of which must be in Mathematics. The other 2 subjects must be chosen from the following sciences.

- Biology
- Chemistry

ELITE PATHWAY

Students wishing to follow the elite path of education in the UAE must adhere to the following further conditions:

A LEVEL

They must achieve grades A*-D or 9-5 in 4 A-Levels, two of which must be from the following list of subjects;

- Mathematics
- The third can be either Biology or Chemistry
- The fourth is of your choosing

***Please note Arabic is not recognised as one of the A Level subjects**

THINGS TO REMEMBER

Equipment

Students are required to purchase the appropriate resources as per the subjects studied.

Calculator Requirements

Students are required to purchase and bring to every lesson one of the following calculators on courses which state 'Calculator Required':

A Level Requirement

Casio FX-991CW



Uniform

Students are expected to be well presented in accordance with the school's uniform policy at all times. Sixth Form students are seen as role models for all other students. Therefore high standards should be maintained at all times.

Attendance

Sixth Formers are preparing themselves for the working world. As such, absence is authorised for illness with a medical certificate only. All other absences will be 'unauthorised'. Students are required to maintain a 96% attendance to ensure they remain on roll.

PROGRESSION FROM YEAR 12 TO 13

As well as meeting academic standards to enter the 6th Form, students also need to meet a minimum standard in their subjects in Year 12 in order to progress the subject into Year 13. This is to ensure that students are well prepared for the rigours of Year 13 where, especially on the A Level curriculum, there is a clear progression in the difficulty of content that is being covered.

The conditions to carry a subject into Year 13 are below

- Grade C in either the internal End of Year Examination in a Linear A Level subject or a grade C overall in external AS Level examinations
- Attainment at a Merit Grade in a BTEC subject

If students fall below these standards then we will look at students' attitude to learning as well as their attendance. While academic achievement is a good indication as to whether Year 13 content is accessible, a student's approach to learning also indicates their preparedness for the study skills needed to succeed in Year 13. Furthermore, it is clear that attendance is linked to a student's achievement and their preparedness for learning. Therefore, if a student did not meet the grades above and fell below the requirements below they would not be able to continue the subject into Year 13.

92% Attendance. Attendance below this figure is acknowledged as unacceptable by the KHDA and would indicate that a student's attendance has resulted in key content being missed and, therefore, not prepared for Year 13.

PLEASE NOTE COURSES SUBJECT TO ENROLLMENT NUMBER RESTRICTIONS.

10 ART & DESIGN

11 BIOLOGY

12 BUSINESS

13 CHEMISTRY

14 COMPUTER SCIENCE

16 ECONOMICS

17 ENGLISH LITERATURE

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ART & DESIGN

Department: Creative Arts

Accreditation: Cambridge International

WHY STUDY A LEVEL ART & DESIGN?

Art and Design is a dynamic subject that promotes creativity and innovation, urging students to step out of their comfort zones and develop resilience. Creating art refines technical skills and instils discipline, fostering dedication. These qualities aren't just useful for artistic pursuits but also serve as valuable life skills applicable in various fields.

Through exploration of different artists, art movements and styles, students gain cultural insights and historical appreciation. Art education equips students to visually communicate complex ideas. In essence, A-level Art is a journey that encourages curiosity, open-mindedness, and a lifelong appreciation for the beauty around us.

WHAT DOES IT INVOLVE?

Alongside improving your practical expertise, you'll learn how to:

- Develop, refine and record your ideas
- Present a personal response that realises your intentions
- Improve your creative skills through the effective and safe use of media, materials, techniques, processes and technologies
- Successfully use visual language and the formal elements eg colour, line, form, shape, tone, texture
- Use drawing skills for different needs and purposes.

HOW WILL I BE ASSESSED?

During the course you will be assessed under three main components.

- The first component will be coursework, which consists of a portfolio and a final outcome. This is equivalent to 25% of the mark of your A-level.
- The second component is an external assignment, which consists of supporting studies created during the preparation period and a final outcome. This is equivalent to 25% of the mark of your A-level.
- Component three is a personal investigation which consists of practical work and a written analysis. This is equivalent to 50% of your A-level.

WHERE WILL THIS COURSE TAKE ME?

Studying Art A level can lead to further Art courses and careers in areas like:

Interior Design, Product Design, Graphic Design, Architecture, Fashion, Photography, Illustration, Concept Art, Digital Art, Game Design, Film & Media Production, Fine Art, Theatre & Stage Design and Make Up Artistry

BIOLOGY

Department: Science

Accreditation: Oxford AQA

WHY STUDY A LEVEL BIOLOGY?

Biology is the study of life. It gives you a better understanding of the world around you and the interdependent nature of living organisms. People who study Biology may go on to study a related subject, such as Medicine or Zoology, while others

go into different fields. Whatever path you take it is a rewarding and challenging course. Biology is an academic A level and complements a wide combination of other subjects, especially Chemistry, Mathematics and Psychology.

WHAT DOES IT INVOLVE?

The following units are studied for A level biology:

- Unit 1 – The diversity of living organisms
- Unit 2 – Biological systems and disease
- Unit 3 – Populations and genes
- Unit 4 – Control
- Unit 5 – Synoptic Paper

HOW WILL I BE ASSESSED?

During the course, you will sit five papers, two in Year 12 and three in Year 13

In Year 12:

- Paper 1 – 1 hour 30 mins
- Paper 2 – 1 hour 30 mins

In Year 13:

- Paper 3 – 1 hour 30 mins
- Paper 4 – 1 hour 30 mins
- Paper 5 – 1 hour 30 mins

WHERE WILL THIS COURSE TAKE ME?

Biology is a good choice if you intend on a career path in a Health or Clinical profession such as Medicine, Dentistry, Veterinary Science, Physiotherapy or Pharmacy; or other related areas such as Zoology, Biological Sciences and Marine Sciences.

BUSINESS

Department: Business and Economics

Accreditation: Pearson Edexcel

WHY STUDY A LEVEL BUSINESS?

A-level, you'll engage with the world of business through the context of current business developments and real business situations. Students will learn how management, leadership

and decision-making can improve performance in marketing, operational, financial and human resources.

WHAT DOES IT INVOLVE?

The topics that you will study are:

- **Unit 1:** Marketing and People
- **Unit 2:** Managing business and activities
- **Unit 3:** Business decisions and strategy
- **Unit 4:** Global Business

HOW WILL I BE ASSESSED?

Each Unit will be assessed and be worth 25% of the total International A Level. Each external exam will be 2 hours consisting of 80 marks.

The exam will include short-, extended-response questions and essay questions based on sources.

WHERE WILL THIS COURSE TAKE ME?

A Level Business could lead you into a wide range of career choices, including Marketing Executive roles, Accountancy, Events Management, Management Consultancy and working in human resources.

CHEMISTRY

Department: Science

Accreditation: Oxford AQA

WHY STUDY A LEVEL CHEMISTRY?

Chemistry is all around us and is linked to everything that we do. How we cook and eat food, how vehicles are fueled, medication we take when we are sick, clean water we drink and clothes that we wear, and air are a few examples of how we use chemistry in our daily lives. Studying chemistry will help you get a deeper understanding about the intrinsic ways that

chemistry is all around us. Studying Chemistry at A level complements other subjects such as Biology, Maths and Psychology and can lead to a wide variety of careers including pharmacy, medicine, forensics, engineering, biotechnology, teaching and research.

WHAT DOES IT INVOLVE?

Chemistry is split into 3 main categories:

- **Physical Chemistry:** the study of atoms, chemical reactions, and energy
- **Inorganic Chemistry:** the study of metals and groups within the periodic table
- **Organic Chemistry:** the study of Carbon-based chemicals and chemistry of life

HOW WILL I BE ASSESSED?

During the course, you will sit five papers, two at the end of Year 12 and three at the end of Year 13

In Year 12:

- Unit 1: Inorganic Chemistry 1 and Physical Chemistry 1 - 1 hour 30mins
- Unit 2: Organic Chemistry 1 and Physical Chemistry 1 - 1 hour 30mins
- These units equate to 40% of the overall grade

In Year 13:

- Unit 3: Inorganic Chemistry 2 and Physical Chemistry 2 - 1 hour 30mins
- Unit 4: Organic chemistry 2 and Physical Chemistry 2 – 1 hour 30 mins
- Unit 5: Practical and Synoptic – 1 hour 25 mins
- These units equate to 60% of the grade

WHERE WILL THIS COURSE TAKE ME?

This course can facilitate you in getting accepted into university courses such as Analytical Chemistry, Biochemistry, Environmental chemistry, Inorganic Chemistry, Organic Chemistry and Physical Chemistry and Polymer and Materials chemistry and can lead to a range of careers as varied as medicine, dentistry, forensic chemistry, geochemistry, R & D management, pharmacy, chemical engineering, petroleum engineering and perfumery and teaching.

COMPUTER SCIENCE

Department: Computer Science
Accreditation: Cambridge International

WHY STUDY A LEVEL COMPUTER SCIENCE?

We live in a world where computing technologies are embedded into nearly every part of our lives; how we live, study, work & travel and at the same time Computer Science is being used to help solve many of the world's biggest problems such as cyber crime, unemployment, climate change, access to education, access to clean water, famine

& drought, safety & security, global warming, inequality & poverty.

From game design to art & graphics to building the Palm Jumeirah to treatments for cancer to the prediction of the next pandemic to facial recognition to AI to the ethical, legal & moral issues surrounding computing technologies, there's no escaping this exciting & innovative world of Computer Science.

WHAT DOES IT INVOLVE?

- Computational Thinking
- Programming Paradigms
- Communication
- Computer Architecture and Hardware
- Data Representation and Structures

HOW WILL I BE ASSESSED?

End of Year 12	Paper 1 Theory Fundamentals	Paper 2 Fundamental Problem-Solving & Programming Skills
How is it assessed?	Written Paper Assesses sections 1 to 8 of syllabus	Written Paper Assesses sections 9 to 12 of syllabus
How much is it worth?	75 marks 50% of AS Level 25 % of A Level	<ul style="list-style-type: none"> • 75 marks • 50% of AS Level • 25 % of A Level
Other Information	Externally assessed	Externally assessed *Candidates will need to write answers in pseudocode.

End of Year 13	Paper 3 Advanced Theory	Paper 4 Practical
How is it assessed?	Written Paper Assesses sections 13 to 20 of syllabus	Written Paper Assesses sections 19 to 20 of syllabus
How much is it worth?	75 marks 25 % of A Level	75 marks 50% of AS Level 25 % of A Level
Other Information	Externally assessed	Externally assessed *Candidates will need to write answers in pseudocode.

WHERE WILL THIS COURSE TAKE ME?

Skills in Computer Science can offer you an incredible wide range of jobs. There are almost no job sectors which don't make use of skills related to Computer Science. Fields include gaming, research, medicine, marketing, social media, consultancy, cyber security, films, teaching, tourism, finance, banking, healthcare, retail, defence, manufacturing, agriculture, advertising, environment, government,

space travel, law & advertising to name a few. The growth in IT professional & computing-related jobs in the UK, UAE & world-wide is increasing significantly. From this course, you will gain many technical & nontechnical skills which are highly valued by employers, from leadership to programming, with many graduates going into the computing industry.

ECONOMICS

Department: Humanities

Accreditation: Pearson Edexcel

WHY STUDY A LEVEL ECONOMICS?

The A-Level curriculum gives you a good base understanding of the various economic concepts you may encounter when working towards a career in economics or undertaking university study. It investigates the contribution of economics

to the understanding of the wider economic and social environment, it will allow students to use an enquiring, critical and thoughtful approach to the study of economics and develop an ability to think as an economist.

WHAT DOES IT INVOLVE?

The topics that you will study are:

- Unit 1: Markets in Action
- Unit 2: Macroeconomic performance and policy
- Unit 3: Business Behaviour
- Unit 4: Developments in the global economy

HOW WILL I BE ASSESSED?

Each Unit will be assessed and be worth 25% of the total International A Level. Unit 1 and Unit 2 are 1 hour 45 mins and unit 3 and Unit 4 are 2 hours, all papers consist of 80 marks.

The exam will include short, extended-response questions and essay questions based on sources.

WHERE WILL THIS COURSE TAKE ME?

Economics can lead to a wide range of careers in Economics and Finance-related professions including Accountant, Actuarial Analyst, Chartered Accountant, Data Analyst, Economist, Finance and Banking, Financial Risk Analyst, Financial Planner, Forensic Accountant, Investment Analyst, Statistician, Stockbroker.

ENGLISH LITERATURE

Department: English

Accreditation: Pearson Edexcel

WHY STUDY A LEVEL ENGLISH LITERATURE?

The English IAL is a fantastic subject to study if you enjoyed the Literature course at GCSE. If you are a keen reader and enjoying discussing and exploring texts, then this is a good fit for you!

An independent reading and essay-based subject, the course enables the skills of analysis, inference and critical thinking. You will also hone your research and problem-solving skills, as well as fostering creativity, social awareness and empathy.

You will delve into a wide range of exciting texts in different forms, genres and time periods, and gain an appreciation for the different contexts in which they were written – spanning Elizabethan, to Victorian, to modern day. Studying English will enable you to become more perceptive readers and articulate writers, better equipped to communicate and navigate the world.

WHAT DOES IT INVOLVE?

The course is a Literature course divided into an AS Level (Year 12) and an A2 (Year 13). You will read and study a range of texts in different forms, genres and time periods.

Year 12:

Unit 1: Post 2000 poetry and prose (prescribed poems from a pre published poetry anthology; novel options include: 'The Kite Runner' by Khaled Hosseini, 'The Life of Pi' by Yann Martel, 'White Tiger' by Aravind Adiga and 'Purple Hibiscus' by Chimamanda Ngozi Adiche)

Unit 2: Drama – both pre and post 1900 (pre 1900 options include: 'Doctor Faustus' by Christopher Marlowe, 'Othello' by William Shakespeare; post 1900 options include: 'Death of a Salesman' by Arthur Miller and 'A Streetcar Named Desire' by Tennessee Williams)

Year 13:

Unit 3: Post 1900 unseen poetry

Unit 4: Shakespeare (options include: 'Hamlet' 'King Lear') and pre-1900 poetry (The Victorians: prescribed poems from a pre published Victorian Verse anthology)

HOW WILL I BE ASSESSED?

The course is 100% exam. You will sit 2, 2-hour exams at the end of Year 12 and a further 2, 2-hour exams at the end of Year 13.

WHERE WILL THIS COURSE TAKE ME?

As an essay-based subject, English Literature is creative and interpretive; it will develop skills that are essential for today's global environment. You will become more articulate at expressing yourself both verbally and in writing and develop your critical thinking skills, so you are better able to put across your point of view and debate important issues.

These transferrable skills will prove invaluable in the workplace and lead to a wealth of career options, including publishing, journalism, law, politics, copywriter, editor, archivist, teacher, writer, marketing.

FRENCH

Department: Languages

Accreditation: Oxford AQA

WHY STUDY A LEVEL FRENCH?

Languages should appeal to all students. French has been developed to inspire all students who appreciate the language, literature, films, and culture of the French-speaking world. We have designed a motivating course of study that will enable students to develop an advanced

level of knowledge and understanding of the French language, the culture of France and other Francophone countries, as well as practical and valuable language and transferable study skills. This specification will help prepare students for higher education and enhance their employability.

WHAT DOES IT INVOLVE?

Structure: offers students a clear learning focus and control of assessment with two-unit (IAS) or four-unit (IAL) modular qualifications. The International Advanced Subsidiary level provides a logical progression from GCSE/International GCSE with:

- discrete skills-specific assessments
- cultural aspects of French-speaking society.

This specification aims to engage students with minimal prescription and maximum choice, so that they enjoy French language learning and achieve their full potential in International Advanced level qualifications.

HOW WILL I BE ASSESSED?

Pearson Edexcel International Advanced Subsidiary in French consists of two externally examined units. The Pearson Edexcel International Advanced Level in French consists of four externally examined units. Students must complete all assessments.

Unit 1: Spoken expression and response (40 marks)

Unit 2: Understanding and written response (90 marks)

Unit 3: Understanding and spoken response (40 marks)

Unit 4: Research, understanding and written response (90 marks)

WHERE WILL THIS COURSE TAKE ME?

Students can progress from these qualifications to further study at university level. In addition, the study of one language at AS Level and A Level can facilitate and help promote the learning of other languages. The qualification may also add to an individual's employability profile, particularly for companies based globally. Students can progress to a wide range of careers in areas such as journalism and media, education, science, medicine, the civil service, sales, marketing, retail, and charities.

GEOGRAPHY

Department: Humanities

Accreditation: Pearson Edexcel

WHY STUDY A LEVEL GEOGRAPHY?

Edexcel International A Level (IAL) Geography is a globally recognised qualification which opens doors to top universities worldwide. Designed for the global learner, this qualification includes specific international content, making it highly relevant to students across the world.

The growing importance of issues such as climate change, migration, environmental degradation, geopolitics & inequalities, means that geography is one of the most relevant subjects you can study. Geographers are highly employable and collectively receive competitive graduate salaries if they take

their studies further. Above all, geographers have potential to be well-informed global citizens, using their unique combinations of knowledge and skills to make a positive difference in the world.

Whatever your passion for the world – fascination with landscapes or concerns about sustainability – geography will provide you with knowledge and transferable skills that will reward you personally and advance you professionally. There has never been a better or more important time to study Geography.

WHAT DOES IT INVOLVE?

This qualification comprises of four units as follows: Units 1 and 2 (IAS) (may be awarded end of Y12 or contribute 50 percent of the total IAL Marks) and Units 3 and 4 (IA2). It is assessed through 4 written exams instead of coursework (2 Year 12, 2 Year 13).

Unit 1- Global Challenges

Unit 2- Geographical Investigations

Unit 3- Contested Planet

Unit 4- Researching Geography

HOW WILL I BE ASSESSED?

This qualification comprises of four units as follows: Units 1 and 2 (IAS) (may be awarded end of Y12 or contribute 50 percent of the total IAL Marks) and Units 3 and 4 (IA2). It is assessed through 4 written exams instead of coursework (2 Year 12, 2 Year 13).

WHERE WILL THIS COURSE TAKE ME?

According to the Royal Geographical Society, Geography graduates have some of the highest rates of graduate employment. Geography is great for any kind of career that involves the environment, planning, or collecting and interpreting data.

Popular careers for people with geography qualifications include:

- Town or transport planning
- Surveying
- Conservation
- Sustainability
- Environmental planning
- Weather forecasting

HISTORY

Department: Humanities

Accreditation: Pearson Edexcel

WHY STUDY A LEVEL HISTORY?

History at A Level provides students with an opportunity to gain a greater understanding of the world around them. The course allows students to explore a variety of different cultures, with an in-

depth look into the changing world over the past 250 years. Lessons will include opportunities for research, collaboration and plenty of debate on major historical issues within the course.

WHAT DOES IT INVOLVE?

The topics that you will study are:

- Britain, 1964–90
- China, 1900–76
- Germany: United, Divided and Reunited 1870–1990
- The Cold War and Hot War in Asia, 1945–90

HOW WILL I BE ASSESSED?

All modular units in AS and A Level History will be assessed 100% by examinations. You will be examined on Unit One and Unit Two in Year 12. You will have a further two modules to complete in Year 13 to complete the full A Level.

The two papers for Year 12 are:

Paper 1: Depth Study with Interpretations (Britain, 1964–90) – 50% of AS Level/25% of A Level

Paper 2: Breadth Study with Source Evaluation (China, 1900–76) – 50% of AS Level/25% of A Level

WHERE WILL THIS COURSE TAKE ME?

Studying history can lead to some exciting career options. The skills you will gain as a result of studying history include excellent communication and writing skills, research and problem skills,

analytical and interpretation skills. These skills are transferrable in a variety of careers including law, politics, education, publishing, consultancy, and hospitality

MATHEMATICS

Department: Mathematics

Accreditation: Pearson Edexcel

WHY STUDY A LEVEL MATHEMATICS?

Studying Mathematics at A Level offers a challenging and stimulating course which provides a sound basis for those intending to follow a mathematical subject at University. It also complements other subjects, particularly Sciences, including Geography and Economics. Some pupils successfully combine Mathematics with Arts subjects. Many students take this subject as part of an A Level program required for entry to Science and Engineering higher education courses.

WHAT DOES IT INVOLVE?

The topics covered at A Level build on those already familiar to the GCSE student. Algebra, geometry, trigonometry, statistics and probability are all developed further and there are new areas for study in differential and integral calculus, logarithms and exponentials, methods of proof, and mathematical modelling, particularly in the contexts of mechanics and probability.

HOW WILL I BE ASSESSED?

- 3 examinations in Year 1 = IAS (these exams are done in Year 12)
- 3 examinations in Year 2 = IAL (these exams are done in Year 13)
- Each exam is 1 hour and 30 minutes

WHERE WILL THIS COURSE TAKE ME?

Studying A Level Mathematics provides a foundation for further studies in any Science or Maths-based course, ranging from:

- Computer Science
- Medical Sciences
- Psychology
- Statistics
- Management
- Actuarial Science
- Finance
- Accounting
- Business

PHYSICS

Department: Science

Accreditation: Oxford AQA

WHY STUDY A LEVEL PHYSICS?

Physicists look for all the hidden laws that explain why all matter (that's every physical thing) and energy in the known universe exists, where it comes from and how it behaves the way it does. Physics will help you to build up your problem solving,

research, and analytical skills. With these skills you'll be able to test out new ideas plus question and investigate other people's theories, which is useful for any kind of job that involve research or debate.

WHAT DOES IT INVOLVE?

- Mechanics + Further Mechanics
- Electric circuits
- Waves
- Quantum physics
- Thermodynamics
- Fields
- Nuclear and Particle Physics

HOW WILL I BE ASSESSED?

There are five papers over the course of the two years. Paper 1 and 2 at the end of Year 12 and Papers 3, 4 and 5 at the end of Year 13.

In Year 12,

Unit 1 – Mechanics, materials, and atoms – 2 hours
Unit 2 – Electricity, waves and particles – 2 hours

In Year 13,

Unit 3 – Fields and their consequences – 2 hours
Unit 4 – Energy and energy resources – 2 hours
Unit 5 – Physics in practice – 2 hours

WHERE WILL THIS COURSE TAKE ME?

Physics A-level is usually required for degree courses in: Engineering (general, aeronautical, civil, electrical, mechanical, sometimes chemical), and, you guessed it, Physics.

It is often recommended or useful for:

Biochemistry, Biology, Chemistry, Medicine, Dentistry, Nursing and other practicebased medicine courses, Architecture, Computer Science, Geography, Earth & Environmental Sciences, Mathematics, Materials Science, Pharmacy, Sports Science, Surveying, Psychology, Teaching.

PRODUCT DESIGN

Department: Design and Technology

Accreditation: Pearson Edexcel

WHY STUDY A LEVEL PRODUCT DESIGN?

Students will be undertaking a two-year course in Product Design. The course has a practical nature, so individuals who enjoy using their hands, testing products and manipulating ingredients, will enjoy this course. There is a requirement for self-motivation and initiative within this course.

WHAT DOES IT INVOLVE?

Product design seeks to develop students' knowledge, understanding, skills and application for designing products. Product design encompasses a wide range of design disciplines but is firmly rooted in the skills required to design and make high quality products. Products that are fit for purpose, satisfy wants and needs, enhance our day to-day lives and, most importantly, give students the opportunity to demonstrate their design and technology capability.

HOW WILL I BE ASSESSED?

Component 1

- Principles of Design and Technology
- 2.30 hours exam 120 marks
- 50% qualification

Component 2

- Independent design and make project 120 marks
- 50% qualification

WHERE WILL THIS COURSE TAKE ME?

Product design is all about creating new three-dimensional products through an efficient process of idea generation, development, and evaluation. Product designers understand the relationship between art, science and technology, and have the ability to exploit each of these things in different ways to create new products.

Good design is the backbone of our everyday lives. Product innovations can radically alter the way we are able to carry out simple daily tasks. On a higher level, new designs can change the way we interact with the environment influence our social experience or even save lives.

A career in product design offers you an opportunity to make a real impact. The process of nurturing a design, from the early concept stages to a commercially viable solution suitable for mass manufacture, can also give product designers a great amount of job satisfaction.

MUSIC

Department: Performing Arts

Accreditation: Pearson Edexcel

WHY STUDY A LEVEL MUSIC?

A-Level Music is a practical and academic qualification that responds to the demands of the modern music landscape. With a clear structure comprising three engaging components—performing, composing, and an externally examined paper—it equips students for success in a wide range of musical and academic pathways. This course is delivered as a linear qualification, with all assessments completed at the end of Year 13. Students will not be entered for the standalone AS-Level in Year 12, allowing more time for in-depth study, the development of advanced performance skills, and the creation of high-quality compositions.

The curriculum provides a genuine musical focus, teaching key content through Areas of Study and set works that represent a broad range of genres and traditions. Students investigate, analyse, and evaluate music in context, developing a comprehensive understanding of how theory, performance, and composition interconnect. The exploration of diverse musical heritage nurtures creativity, cultural awareness, and readiness for higher education. The ability to sing, play an instrument, or use music technology confidently is essential for success in this qualification.

WHAT ARE THE ENTRY REQUIREMENTS?

In order to be considered for A-Level Music, students should have achieved a minimum of Grade 7 at GCSE Music and be able to perform at a standard equivalent to Grade 6 or above on their principal instrument or voice, in line with ABRSM or Trinity examination specifications. Students who have not completed this accreditation in advance can perform a pre-assessment prior to entry.

WHAT DOES IT INVOLVE?

During the course you will develop your creative and analytical skills, whilst refining your performance skills through three components.

Component 1: Performing (30% of the qualification – 60 marks)

Students will work towards a public performance of one or more pieces, performed as a recital for the duration of at least 8 minutes in total. The Performance can be playing or singing solo, in an ensemble, improvising, or realising music using music technology. The recital will be recorded between March and May of Year 13.

Component 2: Composing (30% of the qualification – 60 marks)

Students will work towards creating and realising two compositions, one to a brief set by Pearson and one either free composition or to a brief.

Component 3: Listening and Appraising (60% of the qualification – 100 marks)

Students will develop their critical thinking skills, whilst listening to, exploring and analysing 12 set works from 6 different areas of study:

1. Vocal Music
2. Instrumental Music
3. Music for Film
4. Pop Music and Jazz
5. Fusion
6. New Directions.

In the summer of Year 13, students will undertake a listening and written exam which will assess knowledge and interaction with the 12 set works.

HOW WILL I BE ASSESSED?

The Pearson Edexcel A Level in Music is 100% externally assessed, and consists of one written paper and two non-examined assessment components. Students must submit their non-examined assessment (NEA) and complete the exam in May/June in the year of certification (Year 13).

The three main components.

- The first component (performing) will form 30% of your overall grade. (Coursework)
- The second component (composing) will form 30% of your overall grade. (Coursework)
- The third component (appraising) will form 60% of your overall grade. (Exam)

WHERE WILL THIS COURSE TAKE ME?

Studying Music A level can lead to further Music courses and careers in areas like:

- Musician
- Recording artist
- Music Manager
- Film
- TV or advertising composer
- Gaming composer
- Sound technician
- Music historian
- Music teacher
- Recording engineer
- DJ

PSYCHOLOGY

Department: Sciences

Accreditation: Oxford AQA

WHY STUDY A LEVEL PSYCHOLOGY?

Psychology is a subject which explores a wide range of questions that are directly related to our behaviours, our emotions and our actions. This subject asks questions that many of our students may have considered but have not explored before. Why do large groups of people discriminate against other ethnic, religious or cultural groups?

Can I learn to conquer my fear of spiders? Why do people carry out orders that require them to harm another person? Using a scientific methodology, psychologists aim to uncover answers to such questions, many of which challenge what we think we know about ourselves.

WHAT DOES IT INVOLVE?

Year 1

- Social Influence
- Memory
- Attachment
- Psychopathology
- Approaches in psychology Research methods

Year 2

- Relationships
- Schizophrenia
- Aggression
- Issues and Debates
- Research Methods

HOW WILL I BE ASSESSED?

Each paper is worth 33.3% of the A level and is a two hour written examination (worth 96 marks)

- Paper 1: Introductory topics in psychology
- Paper 2: Psychology in context
- Paper 3: Issues and options in psychology – Gender, Eating Behaviour, Aggression

WHERE WILL THIS COURSE TAKE ME?

Psychology is a popular subject at undergraduate level for further studies in clinical, forensic and developmental psychology but can also be a good foundation for other areas of study such as marketing, business, law, consumer psychology, sports science, criminology, social work, education and medicine and health careers.

SOCIOLOGY

Department: Social Sciences

Accreditation: Cambridge International

WHY STUDY A LEVEL SOCIOLOGY?

ShapeSociology is the study of society and human social interaction. Sociology encourages critical thinking and urges you to challenge ideas and views. Sociology offers explanations for a variety of questions from 'Why do girls do better at school than boys?' to 'Why is marriage decreasing in popularity?' Pupils who have gone on

to study sociology at a higher level enter careers from teaching to social work, from therapists to criminologists.

This is an essay-based subject which will assess four skills: Knowledge and Understanding, Interpretation and Application, Analysis and Evaluation.

WHAT DOES IT INVOLVE?

Year 1

- Topic 1: Families and Households
- Topic 2: Education and methods in context

Year 2

- Topic 3: Crime and Deviance
- Topic 4: Beliefs in Society
- Topic 5: Sociological Theory and Methods

HOW WILL I BE ASSESSED?

This is over the papers at the end of the two-year course. Each paper is worth 33.3% of the A level and involves a two-hour written examination (80 marks)

- Paper 1: Education with Theory and Methods
- Paper 2: Topics in Sociology – Families and Households and Media
- Paper 3: Crime and Deviance with Theory and methods

WHERE WILL THIS COURSE TAKE ME?

As sociology is a broad subject, it develops skills such as debate, understanding data and methodology, critical thinking, and independent thinking. It also prepares students for a range of careers. Typically, students go on to areas of study such as law, journalism, politics, international relations, education, social work or criminology.

EXTENDED PROJECT QUALIFICATION

[EPQ]

WHAT IS AN EPQ?

The Extended Essay Qualification is an individual project on an area of study chosen by the student. It is worth half an A Level (28 UCAS points). Students get to plan and carry out research on a topic that is not covered by their other qualifications.

They can take inspiration from something studied on in class or something personal and unrelated to their studies. They then use this research to produce a written report and, in the case of practical projects, an artefact or a production.

WHAT WILL I LEARN?

On top of the actual content of their EPQ, students will become more reflective and independent learners. It enables them to research a subject that might not be available through existing qualification content. This is an opportunity for students to increase their planning, research, analysis, synthesis, evaluation and presentation skills. Students doing the EPQ acquire the experiences needed to prepare for degree level study.

HOW WILL I BE ASSESSED?

There are four types of EPQ:

Dissertation (5000-6000 words) – a theoretical written project on any topic presenting an argument, e.g. research into a biological, historical or environmental issue.

Investigation/Field Study (4000-5000 words) – a practical investigatory project involving the collection of data, e.g. a scientific investigation, a geographical study of erosion, a biological study of pollution, a statistical survey.

Performance – development of practical skills resulting in a performance, eg performing music, drama, sport. It should be accompanied by written evidence (1500-3000 words).

Artefact – for example, making a painting or sculpture, designing a piece of furniture or a garment, creating a website, solving an engineering/construction problem, producing a piece of graphic design. It should be accompanied by written evidence (1500-3000 words).

Your EPQ will be marked by the supervisor and moderated by Edexcel. On the top of the EPQ itself, you will have to submit evidence for each of the 4 learning outcomes (manage, use resources, develop and realise, review). Once your EPQ is finished you need to deliver a 10 minutes presentation to present your findings and talk about your EPQ journey.

WHAT CAREERS WILL EPQ A LEVEL LEAD ME TO?

The EPQ does not lead to a specific career but can be used to demonstrate a genuine academic interest for a specific discipline. By the skills the EPQ develop, it can help students to be “uni ready”.

A LEVEL GUIDELINES & REQUIREMENTS

Subjects	Minimum GCSE Grade	MYP Minimum Grade	Criteria if not studied at GCSE (in addition to Latest School Report)
Art & Design	6(B)	5	Examples of work and interview with Head of Faculty
Biology	7 (A)	7	7-7 (A-A) in Double Award Science
Business Studies	6 (C)	6	6 (B) in Mathematics & B (6) English
Computer Science	6 (B)	6	7 (A) in Maths and able to code
Chemistry	7 (A)	7	7-7 (A-A) in Additional/Double Award Science
Economics	6 (C)	6	7 (A) in Mathematics & 7(A) English
English Literature	7-7 (A-A)	7	7(A) in English Language & Literature
French	6	6	Grade 6 in GCSE
Geography	5 (C)	5	6 (B) in English
History	6	6	7 (A) in English
Mathematics	7(A)	7	Grade A (7) in GCSE or MYP
Physics	7 (A) in Physics 7 (A) in Mathematics	7	7-7 (A-A) in Additional/Double Award Science & 7(A) in Mathematics
Product Design	5 (C)	5	5 (C) in a Science
Music	6 (B)	6	Grade 6 in GCSE
Psychology	5 (C)	NA	6 (B) in Mathematics & 66 in Double Award Science
Sociology	5 (C)	NA	6 (B) in English

* Arab or Muslim students are required to attend Ministry of Education lessons in Arabic or Islamic in addition to their A Level + Options

* All A level students will have the option to complete an Extended Project Qualification (EPQ)

PLEASE NOTE COURSES SUBJECT TO ENROLLMENT NUMBER RESTRICTIONS.

NOTES

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