



# International GCSE Curriculum Guide

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Respect | Integrity | Excellence | Compassion | Responsibility

مدرسة اوركس العالمية



## Welcome to Oryx International School



Dear parents and students, Choosing the correct subjects for I/GCSE examinations is vital when preparing students for their future careers and employment opportunities.

We offer a range of subjects to cater for all areas of interest, whether these are in sciences, technology, arts, humanities, languages, or other non-subject related areas of study. This ensures that our students' interests and strengths are utilised whilst taking the first step towards I/GCSE qualifications.

Our experienced staff will guide you and your child through this next stage of school, making sure that all your questions are answered and that sound advice is given to you and your child.

Subjects are split into the three categories, shown below, which are explained later in this document.



1. Compulsory subjects: Maths, English, Arabic language, and Islamic studies (for Arabic passport holders only).

2. Optional subjects: your choice of optional subjects.

3. Complementary subjects: compulsory but without any examination, e.g. PE and PSHE.

The three questions students should ask regarding which optional subjects to choose are:

1. Do I enjoy this subject?

2. Am I good at this subject?

3. Will it help me towards my future career pathway?

The advice we give is that students should keep their range of subjects as wide as possible at this stage to allow for any future changes in career pathway, e.g. not to choose all technology or all art subjects.

The main differences between current assessments and I/GCSE examinations are that they are now external, not school-based. The specification and examinations content

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The main differences between current assessments and I/GCSE examinations are that they are now external, not school-based. The specification and examinations content are prepared by the national examination centre in the UK (The Joint Council for Qualifications CIC – JCQ) and regulated by Ofsted. This ensures that all children sitting these exams are measured against each other using the same standards, no matter which country they live in.

The other main difference is that the exam time and dates are set by the examination board and are not flexible. Students must sit the same subject exams on the same days throughout the world. This will mean that some exams will be taken outside the usual operating times of the school and possibly on Fridays. As the exam dates are set by the examination board, students must be available up to the last day of Term 3 and possibly even beyond that date. The school will be informed of the exam dates at the start of each academic year, i.e. September.

# Secondary School Structure

Key Stage 3	Year 7	UK National Curriculum plus regulatory requirements of the MOE&HE, Qatar	Termly school exams and GL Assessments
	Year 8	UK National Curriculum plus regulatory requirements of the MOE&HE, Qatar	Termly school exams and GL Assessments
	Year 9	UK National Curriculum plus regulatory requirements of the MOE&HE, Qatar	Termly school exams and GL Assessments Students choose I/GCSE subjects for KS4
Key Stage 4	Year 10	First year of I/GCSE courses with Edexcel Pearson Examination Board UK National Curriculum plus regulatory requirements of the MOE&HE, Qatar	Termly assessments and mock exams in March. Preparation of portfolio in practical IGCSE. Some subject will follow the modular structure and first set of external exams in May/June.
	Year 11	Second year of I/GCSE courses UK National Curriculum plus regulatory requirements of the MOE&HE, Qatar	Mock exams in November/December All other external exams in May/June.

## Key personnel

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Mrs. Nehad Hamada	Head of Arabic, Islamic Studies & Qatar History	nehad.hamada@oryxschool.qa
Mrs. Niamh Burke	Head of EAL	niamh.burke@oryxschool.qa
Mrs. Cathryn Navarro	Head of Music & Performing Arts	cathryn.navarro@oryxschool.qa
Mr. Maliki Saidy	Head of Modern Foreign Languages	maliki.konthehsaidy@oryxschool.qa
Mr. Khalid El Masri	Head of ICT & Computing Science	khalid.elmasri@oryxschool.qa
Mr. David Parkinson	Lead Practitioner Art & Design	david.parkinson@oryxschool.qa

## Key Stage 4 curriculum

Key Stage 4 (KS4) represents a significant milestone in your child's educational journey. It marks the beginning of a two-year programme of study that concludes with externally set and assessed examinations administered by UK examination boards.

These qualifications signal the completion of compulsory education and play an important role in shaping future pathways.

The following subjects are compulsory in Year 10 and 11:

### Core subjects (with examinations)

- English Language
- Mathematics

### Students are then able to choose from a selection of optional subjects:

Students may select a maximum of six optional subjects, giving a total of eight subjects overall. Please note that one science subject is compulsory and must be included among their choices.

### Optional subjects (with examinations)

- Art & Design
- Biology (Modular)\*
- Business Studies
- Chemistry (Modular)\*
- Computer Science
- Design and Technology
- Drama
- Economics (Modular)\*
- French
- Geography (Modular)\*
- History (Modular)\*
- Islamic Studies
- ICT
- Music
- Physical Education
- Spanish

While we strive to offer a wide range of subjects, there may be instances where, upon the final publication of subject choices, the exact combination you had hoped for may not be available. We appreciate your understanding and flexibility as we work to provide the best possible options for all students.

### \*Modular

Courses are divided into units, with exams taken at the end of each unit. with the first exam taken in year 10 and the remain in year 11

During KS4, your child will study a broad range of subjects, some of which are compulsory while others offer opportunities for personal choice and specialisation.

This booklet aims to provide you with clear guidance on what to expect over the next two years and to support you and your child in making informed decisions about the optional subjects they may wish to pursue when they enter Year 10.

### Complementary subjects (no examination)

- Physical Education
- PSHE embedded in the curriculum as part of form time

These optional subjects are normally taught for three lessons per week.

We make every effort to accommodate the preferences of all students, but it is not always possible to offer every student their first choice while ensuring that each course is viable for the cohort.

### Linear

All exams are taken at the end of the course, after two years of study.

## Making informed decisions for your I/GCSE choices

You will still study and take examinations in English, mathematics and at least one science, and you can select up to five additional courses that you would like to study in Years 10 and 11.

You will also study Core PE and PSHE in Year 10, which

will be delivered in discrete lessons. Students do not take examinations in these subjects.

The International GCSE options that you choose, and the grades you achieve in them, will assist with your decision for Sixth Form subject choices.



## I/GCSE Subjects

### Examinations

Throughout the course of Year 10 and 11, students will be working towards IGCSEs. These are official examinations that prove a student has successfully completed this stage of compulsory secondary education. I/GCSE examinations are managed by various government approved organisations in the UK.

I/GCSE old grades	I/GCSE new grades	Description
A*	9 8 7	High Grade PASS
A		
B		
C	6 5 4	Low Grade PASS
E		
F		
G	3 2 1	Low Grade PASS
U		
	U	Ungraded

In order to 'pass' Year 11 and meet the entrance requirements of our Sixth Form, students must achieve a minimum of 5 A\*-C grades (9-5) in their I/GCSE examinations.

**Please note: All I/GCSE examinations incur additional costs not included in school fees.**

### Mock examinations

Please note that mock examinations in January for Year 11 and March for Year 10 are compulsory for all students. These are used by the school to support and mentor our students, and the results can be requested by the



Examination board in the event of a query.  
You are asked not to arrange holidays during the terms in Year 11.

Oryx International School is an approved examination centre for one of the biggest examination boards for all its exams: Pearson Edexcel International Examinations. The exams are marked on a 9-point scale as shown in the table below.

## Important Dates

Students are entered for their I/GCSE examinations at the end of both Year 10 and Year 11. In some subjects, assessment is not based solely on final examinations. Instead, these courses also include controlled assessments, which are similar in nature to coursework and are completed at various points throughout Years 10 and 11.

Controlled assessments are set tasks that contribute directly to the final examination grade. They are completed by students either in a supervised, controlled classroom environment or under formal examination conditions in some subjects, controlled assessments can contribute up to 60% or more of the final grade awarded.

**Please note: The examination board sets the date and time of the examinations and we are unable to change those dates.**



Year 10	
All Year	Ongoing Assessment activities
March	Modular Mock Examinations
May/June Year 10	Formal end of year exams

Year 11	
All Year	Ongoing Assessment activities
January/February Year 11	Mock Examinations
March-July Year 11	Practical and oral examinations will start in March and continue until May. Written exams usually begin at the end of April and can continue until the beginning of July.

I/GCSE results from the exam board are released in August each year. Students and parents will be given a secure 'log-on' access code to find out the results of their examinations.

If a student is absent and misses one of these assessment activities, it is highly unlikely that the examination board will permit the task to be completed at a later date. For this reason, it is essential that students attend school consistently, and especially when controlled assessments are scheduled.

The table below outlines the key dates on which students must ensure they are present in school in order to complete these important assessment components.

### Attendance

Attendance at school, including every timetabled lesson and activity, is compulsory. If parents wish for their child to leave school during the school day, prior approval must be obtained from the Head of Secondary.

Any request for absence during term time must be submitted in writing to the Executive Principal in advance. All requests are considered on an individual basis and, except in exceptional circumstances, cannot normally be authorised. It is important for parents to be aware that during examination periods, including the mock examinations held in January of Year 11, any student absence must be supported by a doctor's certificate. With appropriate medical evidence, the school may apply to the examination board for special consideration.

Please note, however, that examination boards rarely award a grade if an examination has been missed. Without a doctor's certificate, translated into English where necessary, it is not possible to apply for special consideration.

Applications for access arrangements, such as additional time or other support, may be made for students who meet the criteria set by the examination board. Each application is considered on a case-by-case basis and is coordinated by the school's SENCO, as required.

### Concerns

If you have any concerns regarding your child's welfare, you should contact your child's Form Tutor in the first instance in order to raise the matter. If further support is required, a member of the senior leadership team will be available to meet with you to discuss any ongoing or more complex concerns.

The school operates a comprehensive Anti-Bullying Policy, which includes cyber-bullying. We encourage students, parents, and staff to share any concerns openly so that issues can be addressed promptly and resolved satisfactorily. In all cases of unacceptable behaviour, our aim is to support students in developing more positive attitudes and behaviours, while implementing appropriate sanctions where necessary.

If your concern relates to a member of staff, or involves a particularly sensitive matter, please contact the Executive Principal directly.

### DID YOU KNOW?

An attendance level of **90%** means your child is missing 1 day of learning every two weeks...



### Core subjects



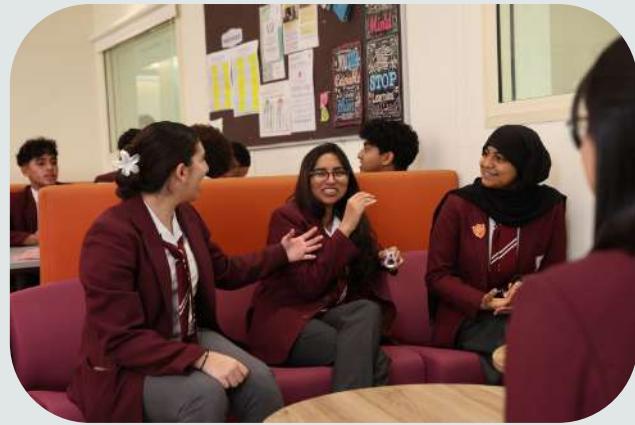
## English Language A

International GCSE Edexcel – 4EA1

### Examinations

The English Faculty will deliver the Edexcel I/GCSE for both English Language and English Literature. This I/GCSE is exclusive to independent and international schools. The Edexcel International GCSE in English Language (Specification A) is designed as a two-year course.

The specification includes a wide range of reading and writing. The reading requirements of the course are covered in the Edexcel Anthology for International GCSE, for use throughout the course and the examination.



### Core subjects (with examinations)

**Paper 1:** 4EA1/01 (Examination – 60% of total GCSE) Non-Fiction and Transactional Writing.

#### Overview of content: Reading

- A mixture of short and long answer questions related to a non-fiction text from the anthology and one previously unseen extract.
- Students will analyse how writers use linguistic and structural devices to achieve their effects.
- For this unit students will look at the contemporary non-fiction texts from Part 1 of the Edexcel Anthology for International GCSE and Certificate Qualifications in English Language and Literature.

#### Writing

- Transactional writing – one 45-minute writing task from a choice of two involving a given audience, form, or purpose.

#### Overview of assessment:

- The assessment of this unit is through a two-hour and 15-minute examination paper, set and marked by Edexcel.
- Single tier of entry.
- The total number of marks available is 90.
- Students are provided with an Anthology for the examination.

**Paper 2:** 4EA1/03 (Examination – 40% of total GCSE) Poetry and Prose Texts and Imaginative Writing

#### Overview of content: Assignment A

- One 30-mark essay question on a poetry or prose text from the Pearson Edexcel Anthology.

#### Assignment B

- One 30-mark imaginative writing task.

#### Overview of assessment:

- The assessment of this unit is through an internal assessment.
- The total number of marks available is 60.

## Mathematics

International GCSE Edexcel – 4MA1

### Course outline

Students have been following this course from the start of the academic year. During Year 10, students will continue to study topics from these six areas: number, geometry and measures, probability, and statistics.

New topics are introduced under these headings, such as errors in calculations, further trigonometry, solving quadratic equations, vectors, and statistical measures. Other topics are studied to a greater depth than in previous years.

The aims of the Mathematics Department at Oryx International School relate to all year groups but are especially relevant to those students in Years 10 and 11 who may be considering taking mathematics after I/GCSE:

- To develop an ability to think and reason mathematically.
- To notice and realise the application of mathematics in the real world.
- To understand how to use mathematics up to I/GCSE level and create a firm foundation for those wishing to study the subject further.
- For students to have a positive attitude to mathematics and to achieve to the best of their ability, with confidence and enjoyment.



### Core subjects (with examinations)

Students are assessed by two written examinations: each paper contributes to 50% of the qualification. Both examination papers are calculator based. In addition, both papers must be taken during the same assessment series. The total number of marks for each paper is 100 marks.

We use the Pearson Edexcel International GCSE in Mathematics (Specification A). Each paper is assessed through a 2-hour examination set and marked by Pearson.

#### Assessment criteria

Students will be required to show their application of mathematics and their choice of skills in a variety of practical and investigative problems within these assessments.

Entry to International GCSE Mathematics is made in one of two overlapping tiers:

1. Higher tier: Grades 9–4
2. Foundation tier: Grades 5–1

#### Career prospects

Successful completion of the course provides an excellent platform to study AS/A Level mathematics. Furthermore, most Sixth Form colleges and further education providers require a minimum of a Grade 4 on the new grading system.



## Optional subjects

### Arabic (First Language)

International GCSE Edexcel – 4AA1

#### Course outline

Over the two-year International GCSE course, students will study five key topic areas for approximately one term per topic:

1. Identity and culture.
2. Local area, holiday, and travel.
3. School.
4. Future aspirations, study and work.
5. International and global dimension.



#### Assessment criteria

All assessments will take place at the end of Year 11.

Paper 1: Reading, Summary and Grammer	Paper 2: Writing
<p><b>Topics:</b></p> <ul style="list-style-type: none"> <li>• Youth matters</li> <li>• Education</li> <li>• Media</li> <li>• Culture</li> <li>• Sport and leisure</li> <li>• Travel and tourism</li> <li>• Business, work and employment</li> <li>• Environment</li> <li>• Health</li> <li>• Technology</li> </ul>	<p><b>Topics:</b></p> <ul style="list-style-type: none"> <li>• Youth matters</li> <li>• Education</li> <li>• Media</li> <li>• Culture</li> <li>• Sport and leisure</li> <li>• Travel and tourism</li> <li>• Business, work and employment</li> <li>• Environment</li> <li>• Health</li> <li>• Technology</li> </ul>
<p><b>Assessment Information:</b></p> <ul style="list-style-type: none"> <li>• Duration: 2 hours 15 minutes</li> <li>• Part One: Reading (49 marks)</li> <li>• Short- and extended-response questions on two texts.</li> <li>• Part Two: Summary (6 marks)</li> <li>• Summary of the main points of a third text.</li> <li>• Part Three: Grammar (20 marks)</li> <li>• Four questions on a range of aspects of grammar.</li> </ul>	<p><b>Assessment Information:</b></p> <ul style="list-style-type: none"> <li>• Duration: 1 hour 30 minutes</li> <li>• Two extended-response writing tasks (25 marks for each task).</li> </ul>
60% of total I/GCSE	40% of total I/GCSE

#### Career prospects

Language graduates have a vast array of career opportunities open to them in all fields, thanks to the wide range of skills developed through learning a foreign language. There are exciting opportunities often involving travel abroad in almost every sector.

# Art & Design

International GCSE Edexcel – 4FA1

## Course outline

The course is made up of two components, each weighing 50% of the total:

### Component 1: Personal Portfolio

Must include supporting studies and personal responses, demonstrating evidence of the four assessment objectives and approximately 120 hours of supervised study. This component is internally set and externally assessed.

### Component 2: Externally Set Assignment

This is a body of work for the four assessment objectives based on an externally set theme. The work produced will consist of approximately 25 hours of supervised study and 10 hours of sustained focus in exam conditions. This component is externally set and assessed.

The course objectives are to:

- Develop the student's creative and imaginative ability and practical skills for engaging with, and for communicating and expressing ideas, feelings, and meanings through the use of art, craft, and design.
- Develop investigative, analytical, experimental, and interpretive capabilities, aesthetic understanding, and critical and enquiring minds, with increasing independence, cultural knowledge, and understanding of art, craft, design, and of the media and technologies used in different times, contexts, and societies.
- Further develop personal attributes including self-confidence, resilience, perseverance, self-discipline, and commitment.

The skills that will be developed will include recording experiences and observations; undertaking research and gathering; selecting and organising visual, tactile, and sensory materials and other relevant information; exploring relevant resources; analysing and evaluating images, objects, and products; and making independent judgements as to their relevance in visual art.

## Course details

- Component 1: Personal Portfolio in Art and Design (50% of total I/GCSE)
- Component 2: Externally Set Assignment (50% of total I/GCSE)

## Career prospects

This is a gateway to A Level in Art and Design. If students choose to seek employment, they will have a portfolio of work that evidences their ability to pursue a course in Art and Design, covering different projects and producing a range of work. There may be opportunities to work, for example, in local galleries, design offices, graphics companies, and retail.

## Assessment criteria

An on-going portfolio of work throughout the course plus an examination under controlled conditions. This I/GCSE qualification will be graded and certificated on a nine-grade scale from 9 to 1 using the total subject mark, where 9 is the highest grade. Individual components are not graded.



# Biology

International GCSE Edexcel – GXBII

## Course outline

Pearson Edexcel International GCSE in Biology (Modular) is a modular qualification. All units are available in the June and November exam series and can be sat in any order or re-sat.

Unit 1 exam will be sat in Year 10 and Unit 2 exam will be sat in Year 11. It builds a foundation for learners wishing to progress to the Pearson Edexcel International AS and A Level qualifications or equivalent qualifications, focusing on key biology theory.



## Our approach

Learners will learn about unifying patterns and themes in biology and use them in new and changing situations. They will acquire knowledge and understanding of biological facts, terminology, concepts, principles, and practical techniques to evaluate biological information and make judgements based on this information. They will analyse, interpret, and evaluate data and experimental methods, drawing conclusions that are consistent with evidence from experimental activities and suggesting possible improvements and further investigations.

## Assessment criteria

Biology Unit 1	*Unit code 4WBII/1B
<ul style="list-style-type: none"> <li>Externally assessed</li> <li>Written examination: 1 hour and 40 minutes</li> <li>Availability: June and November</li> <li>90 marks</li> </ul>	50% of the total International GCSE (Modular)
<b>Content summary</b>	
Assesses content listed below, including content that is in bold and has a 'B' reference. Questions may come from any topic area listed below.	
1. The nature and variety of living organisms <ul style="list-style-type: none"> <li>a. Characteristics of living organisms</li> <li>b. Variety of living organisms</li> </ul> 2. Structure and functions in living organisms: Part 1 <ul style="list-style-type: none"> <li>a. Level of organization</li> <li>b. Cell structure</li> <li>c. Biological molecules</li> <li>d. Movement of substances into and out of cells</li> <li>e. Nutrition</li> <li>f. Respiration</li> <li>g. Gas exchange</li> </ul>	
<b>Assessment</b>	
A combination of different question styles, including multiple-choice questions, short-answer questions, calculations and extended open-response questions. A calculator may be used in the examinations.	

# Biology

International GCSE Edexcel – GXBII



## Biology Unit 2

## \*Unit code 4WBII/1B

- Externally assessed
- Written examination: 1 hour and 40 minutes
- Availability: June and November
- 90 marks

50% of the total International GCSE (Modular)

## Content summary

Assesses content listed below, including content that is in bold and has a 'B' reference. Questions may come from any topic area listed below.

3. Structure and functions in living organisms: Part 2
  - h. Transport
  - i. Excretion
  - j. Co-ordination and response
4. Reproduction and inheritance
  - a. Reproduction
  - b. Inheritance
5. Ecology and the environment
  - a. The organism in the environment
  - b. Feeding relationships
  - c. Cycles within ecosystems
  - d. Human influences on the environment
6. Use of biological resources
  - a. Food production
  - b. Selective breeding
  - c. Genetic m

## Assessment

A combination of different question styles, including multiple-choice questions, short-answer questions, calculations and extended open-response questions. A calculator may be used in the examinations.

## Career prospects

After the completion of IGCSEs, students can progress to a range of different, relevant academic or vocational higher education qualifications, for example a degree in biology or in a related subject, including marine biology, natural science and anatomy, or equivalent qualifications such as BTEC Higher Nationals, employment and further training.

# Business

International GCSE Edexcel – 4BS1

## Course outline

The IGCSE Business Studies course provides students with a thorough understanding of how businesses operate within a dynamic global environment. The curriculum is divided into two key units, each designed to develop foundational knowledge and practical skills:

### Unit 1: Investigating Small Businesses

This unit introduces the core concepts of business and examines the key stages of setting up and managing a small enterprise. Topics include entrepreneurship, business opportunities, market research, and business planning. Students will also explore the importance of understanding customer needs and managing resources efficiently.



### Unit 2: Building a Business

This unit focuses on how businesses grow and adapt to external influences. Areas of study include marketing, operations, finance, and human resources, as well as the impact of the economic environment and ethical considerations on business decision-making. Together, these units equip students with the knowledge and skills needed to analyse and evaluate business activities in a range of contexts.

## Objectives for Studying Business Studies

1. Develop an understanding of the dynamic nature of business and the factors influencing success.
2. Build critical thinking and decision-making skills by analysing real-world business scenarios.
3. Foster an entrepreneurial mindset and the ability to assess business opportunities and risks.
4. Prepare for further studies in business-related fields and careers across diverse industries

## Course Details and Assessment Information

- The IGCSE Business Studies course is assessed through two external examinations:
  - Paper 1: Investigating Small Businesses and
  - Paper 2: Building a Business.
- Each paper is 1 hour 30 minutes in duration and is worth 80 marks.
- Both papers use a mix of multiple-choice, short-answer, and structured questions, with an emphasis on applying knowledge to real-world business scenarios.
- The two papers are equally weighted, contributing 50% each to the final grade.

## Career Prospects

Studying IGCSE Business Studies provides a strong foundation for a variety of career paths and further education opportunities. Students may pursue careers in: The course also serves as an excellent stepping stone for advanced studies in A-Level Business, Economics, or related subjects such as Accounting, Business Administration, and International Relations.

### Business & Management

- Business manager
- Operations manager
- Project manager
- Business development executive

### Marketing, Sales & Media

- Marketing executive
- Digital marketing specialist
- Brand manager
- Sales executive
- Market research analyst
- Advertising or PR officer

### Finance and Operations

- Operations Manager
- Supply Chain Analyst
- Procurement / Purchasing Manager
- Business Operations Analyst
- Financial Operations Officer



# Chemistry

International GCSE Edexcel – 4XCH1

## Course outline

Pearson Edexcel International GCSE in Chemistry (Modular) is a modular qualification. All units are available in the June and November exam series and can be sat in any order or re-sat. Unit 1 exam will be sat in Year 10 and Unit 2 exam will be sat in Year 11.

It builds a foundation for learners wishing to progress to the Pearson Edexcel International AS and A Level qualifications or equivalent qualifications, focusing on key chemistry theory.



Learners will learn about unifying patterns and themes in chemistry and use them in new and changing situations. They will acquire knowledge and understanding of chemical facts, terminology, concepts, principles and practical techniques to evaluate chemical information, make judgements based on this information. They will analyse, interpret and evaluate data and experimental methods. Learners will draw conclusions that are consistent with evidence from experimental activities and suggesting possible improvements and further investigations.

Chemistry Unit 1	*Unit code 4WCH1/1C
<ul style="list-style-type: none"> <li>Externally assessed</li> <li>Written examination: 1 hour and 40 minutes</li> <li>Availability: June and November</li> <li>90 marks</li> </ul>	50% of the total International GCSE (Modular)

### Content summary

Assesses content listed below, including content that is in bold and has a 'B' reference. Questions may come from any topic area listed below.

1. Principles of chemistry: Part 1 a. states of matter b. elements, mixtures & compound c. atomic structure d. periodic table e. chemical formulae, equations & calculations	2. Inorganic chemistry: Part 1 a. reactivity series b. extraction and uses of metals c. acids, alkalis and titrations d. acids, bases and salt preparations
3. Physical chemistry: Part 1 a. energetics	4. Organic chemistry: Part 1 a. introduction b. crude oil c. alkanes d. alkenes

### Assessment

A combination of different question styles, including multiple-choice questions, short-answer questions, calculations and extended open-response questions.

A calculator may be used in the examinations.

# Chemistry

International GCSE Edexcel – 4XCH1

### Chemistry Unit 2

### \*Unit code 4WBII/1B

- Externally assessed
- Written examination: 1 hour and 40 minutes
- Availability: June and November
- 90 marks

50% of the total International GCSE (Modular)

### Content summary

Assesses content listed below, including content that is in bold and has a 'B' reference. Questions may come from any topic area listed below.

5. Principles of chemistry: Part 2

- periodic table (note that this is the same content from 1. Principles of chemistry: Part 1)
- chemical formulae, equations & calculations (note that this is the same content from 1. Principles of chemistry: Part 1)
- ionic bonding
- covalent bonding
- metallic bonding
- electrolysis

6. Inorganic chemistry: Part 2

- Group 1
- Group 7
- gases in the atmosphere
- chemical tests

7. Physical chemistry: Part 2

- rates of reaction
- reversible reactions and equilibrium

8. Organic chemistry: Part 2

- alcohols
- carboxylic acids
- esters
- synthetic polymers

### Assessment

A combination of different question styles, including multiple-choice questions, short-answer questions, calculations and extended open-response questions.  
A calculator may be used in the examinations.

### Career prospects

After the completion of IGCSEs, students can progress to a range of different, relevant academic or vocational higher education qualifications, for example Analytical chemist, Biotechnologist, Chemical engineer, Clinical scientist, Forensic scientist, Nanotechnologist, Pharmacologist, Research scientist (physical sciences), Scientific laboratory technician, Toxicologist.

# Computer Science

## International GCSE Edexcel-4CPO

### Course outline

The course consists of six different topics.

#### Topic 1 – Problem solving:

Includes the study of algorithms, decomposition, and abstraction.

#### Topic 2 – Programming:

Includes the study of developing code, constructs, data types and structures, input/output, operators, and subprograms.

#### Topic 3 – Data:

Includes the study of binary, data representation, data storage, compression, and encryption.

#### Topic 4 – Computers:

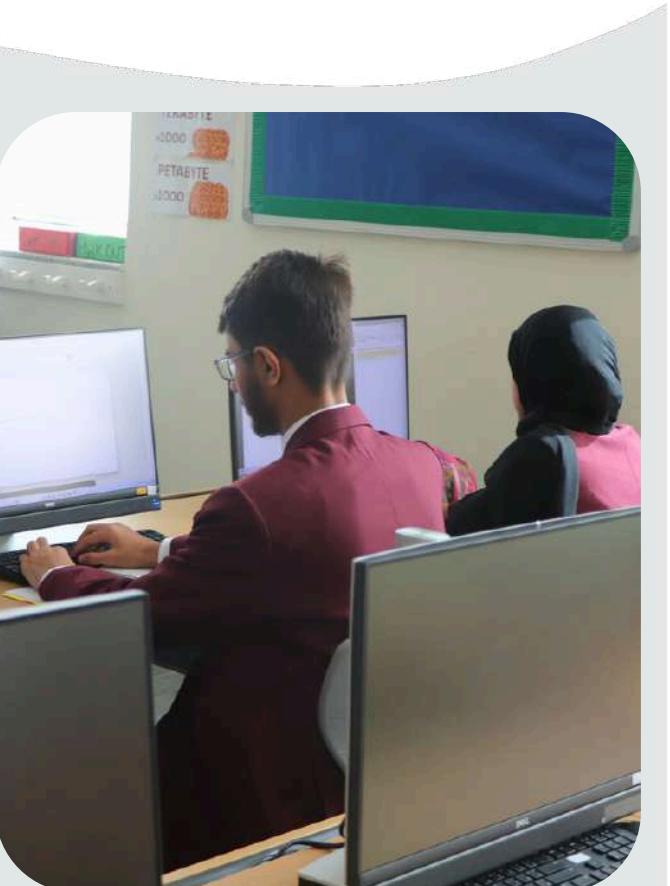
Includes the study of machines, hardware, logic, software, and programming languages.

#### Topic 5 – Communication and the Internet:

Includes the study of networks, network security, and the internet.

#### Topic 6 – The Bigger Picture:

Includes the study of emerging trends, issues, and the impact of computers.



- Understand and apply the fundamental principles and concepts of computer science, including abstraction, decomposition, logic, algorithms and data representation.
- To analyse problems in computational terms through practical experience of solving such problems, including designing, writing and debugging programs.
- To think creatively, innovatively, analytically, logically and critically.
- To understand the impacts of digital technology to the individual and to wider society.
- To apply mathematical skills relevant to computer science.

Skills that will be developed will include programming, problem solving, networking, emerging future trends in computing, logical thinking, modelling and critical thinking.

### Course details

Paper 1 Principles of Computer Science (50% of total I/GCSE)

Paper 2 Application of Computational Thinking (50% of total I/GCSE)

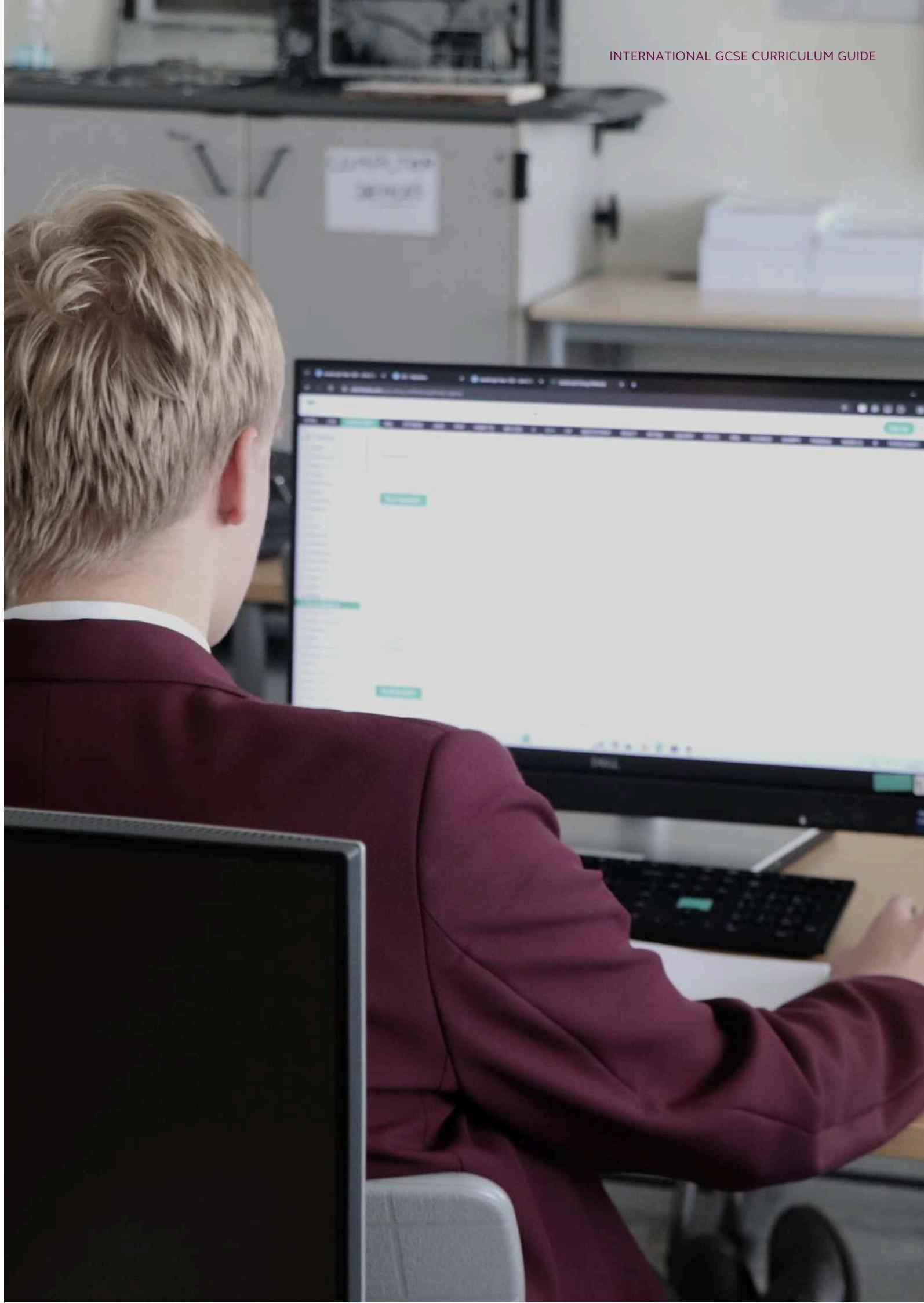
### Course details

Paper 1 Principles of Computer Science (50% of total I/GCSE)

Paper 2 Application of Computational Thinking (50% of total I/GCSE)

### Career prospects

Having successfully completed the International GCSE Computer Science course, this would provide you with an excellent grounding for the AS/A Level Computer Science course or the BTEC National Diploma in Computing. Future careers could include Computer Engineer, Software Developer, Games Developer, Network Manager, Website/APP Developer, Security Analyst or Games/Software Tester.



# Design & Technology

GCSE Edexcel – IDTO

## Course outline

The aims and objectives of the course are to enable students to understand and apply the iterative design processes through which they explore, create, and evaluate a range of outcomes. Students will use creativity and imagination to design and make prototypes that solve real and relevant problems, considering their own and others' needs, wants, and values.

The course provides opportunities to apply knowledge from other disciplines, including mathematics, science, art and design, computing, and the humanities. Students will acquire subject knowledge in Design and Technology that builds on Key Stage 3, incorporating knowledge and understanding of different materials and manufacturing processes in order to design and make prototypes in response to issues, needs, problems, and opportunities.

Students will learn how to take design risks, helping them to become resourceful, innovative, and enterprising citizens, and will be prepared to participate confidently and successfully in an increasingly technological world. They will also become aware of, and learn from, wider influences on design and technology, including historical, social and cultural, environmental, and economic factors.

### Course details

The course is made up of two components.

Component 1 is working towards an examination which makes up 50% of the total grade. The examination paper consists of two sections. Section A is assessed on the core content, which provides students with a breadth of study, and Section B is assessed on material which provides students with the depth of study. Students must study at least one material from the following: metals, papers and boards, polymers, systems, textiles, and timbers.

Component 2 is a non-examined assessment, where students will complete the contextual challenge. This will provide a basis from which they will investigate, design, make, and evaluate a project. The examination board will communicate a contextual challenge to centres in June of the calendar year preceding the year in which the qualification is to be awarded.

### Assessment criteria

#### Component 1

Written examination:

1 hour and 45 minutes (50% of total I/GCSE).



#### Component 2

Non-examination assessment  
(50% of total I/GCSE).

### Career prospects

Design and Technology goes well with art, but also science and technology subjects, including physics, maths, chemistry, and IT. It can prepare students for a career in a wide variety of industries such as fashion, engineering, architecture, industry, information technology, and even education. Popular careers for people with design and technology qualifications include industrial designer, graphic designer, web developer, software engineer, civil engineer, fashion designer, product designer, and many more.

# Drama

GCSE Edexcel – IDRO

## Course outline

The course consists of six different topics. Apply knowledge and understanding when making, performing, and responding to drama.

Explore performance texts, understanding their social, cultural, and historical context, including the theatrical conventions of the period in which they were created. Develop a range of theatrical skills and apply them to create performances. Work collaboratively to generate, develop, and communicate ideas. Develop as creative, effective, independent, and reflective students able to make informed choices in process and performance.

Contribute as an individual to a theatrical performance. Reflect on and evaluate their own work and that of others. Develop an awareness and understanding of the roles and processes undertaken in contemporary professional theatre practice and adopt safe working practices.



### Course details

Component 1: Devising (Practical, 40% of total GCSE – 60 marks)

Component 2: Performance from text (Practical, 20% of total GCSE – 48 marks)

Component 3 Theatre makers in Practice (Written Examination 40% of total GCSE - 60 marks)

### Assessment criteria

**Component 1** is a practical component in which students are assessed on their ability to create and develop a devised piece from a stimulus, which is moderated by Pearson Edexcel. For this component, students must complete two assessment tasks:

- **A portfolio covering the creating and developing process and the analysis and evaluation of this process.**
- **A devised performance.**

**Component 2** is a practical component in which students are assessed on their ability to either perform in or create a design realisation for two key extracts from a performance text. This is either assessed by a visiting examiner or recorded by the centre and sent to Pearson for assessment.

- **Section A: Bringing texts to life**
- **Section B: Live theatre evaluation**

### Career prospects

After you have completed the GCSE Drama course you can go on to higher levels of study, such as Drama and Theatre Studies at A Level or BTEC Performing Arts in Acting. This GCSE is also very helpful with any post age 16 course, due to it giving you confidence and creativity. Students have the chance to enhance their presentation and evaluation skills through critical reviews of professional productions, all of which will make for a smooth transition to the next level of study. This clearly links to Journalism, Marketing, Media, Business or English degree subjects due to its practical and theoretical nature.

# Economics

International GCSE Edexcel – 4EC1

## Course outline

Pearson Edexcel International GCSE in Economics is a modular qualification. Units are available in the June and November examination series and can be taken in any order or re-sat if required.

The course introduces learners to key economic concepts, including scarcity, choice, demand and supply, market structures, government intervention, and the role of markets in the global economy.

Typically, Unit 1 is studied and examined in Year 10, while Unit 2 is completed in Year 11, allowing students to build knowledge progressively. The course develops analytical, evaluative, and data-handling skills and provides a strong foundation for progression to Pearson Edexcel International AS and A Level Economics or related subjects.

## Curriculum Design and Delivery

Students develop an understanding of how individuals, businesses, and governments make economic decisions in a world of limited resources. The course is sequenced to begin with microeconomics, exploring topics such as scarcity, choice, demand and supply, elasticity, production, costs, and market structures, before progressing to macroeconomics, including economic growth, inflation, unemployment, government objectives, and economic policies. Throughout the course, students apply economic knowledge to real-world and global contexts, developing analytical, evaluative, and decision-making skills that support independent and informed thinking.

Economics Unit 1	*Unit code 4EC1/01
<ul style="list-style-type: none"> <li>Externally assessed</li> <li>Written examination: 1 hour and 30 minutes</li> <li>Availability: June and November</li> <li>80 marks</li> </ul>	50% of the total International GCSE (Modular)
Content summary	
The market system:	
<ul style="list-style-type: none"> <li>The economic problem</li> <li>Economic assumptions</li> <li>Demand, supply and market equilibrium</li> <li>Elasticity</li> <li>The mixed economy</li> <li>Externalities</li> </ul>	
Business economics:	
<ul style="list-style-type: none"> <li>Production</li> <li>Productivity and division of labour</li> <li>Business costs, revenues and profit</li> <li>Business competition</li> <li>The labour market</li> <li>Government intervention</li> </ul>	
<b>Assessment</b> Examination of 1 hour 30 minutes, consisting of four compulsory questions, each worth 20 marks. The sub-questions are a mixture of multiple-choice, short-answer, data response, and open-ended questions.	

# Economics

International GCSE Edexcel – 4EC1



## Economics Unit 2

Economics Unit 2	*Unit code 4EC1/02
<ul style="list-style-type: none"> <li>Externally assessed</li> <li>Written examination: 1 hour and 30 minutes</li> <li>Availability: June and November</li> <li>50 marks</li> </ul>	50% of the total International GCSE (Modular)
Content summary	
Government and the economy:	
<ul style="list-style-type: none"> <li>Macroeconomic objectives</li> <li>Government policies</li> <li>Relationships between objectives and policies</li> </ul>	
The global economy:	
<ul style="list-style-type: none"> <li>Globalisation</li> <li>International trade</li> <li>Exchange rates</li> </ul>	
<b>Assessment</b> Examination of 1 hour 30 minutes, consisting of four compulsory questions, each worth 20 marks. The sub-questions are a mixture of multiple-choice, short-answer, data response, and open-ended questions.	

## Career prospects

### Finance & Banking

- Economist
- Investment banker
- Financial analyst
- Actuary
- Risk analyst
- Stockbroker
- Wealth / portfolio manager

### Data, Analytics & Research

- Data analyst
- Economic researcher
- Market researcher
- Behavioural analyst
- Forecasting analyst

### Government & Public Sector

- Government economist
- Policy advisor
- Civil servant
- Treasury or central bank analyst
- Economic development officer
- International relations or trade officer

## French

International GCSE Edexcel – 4FRI

### Course outline

Over the two year I/GCSE course, students will study five key topic areas for approximately one term per topic:

- Home and abroad.
- Education and employment.
- Personal life and relationships.
- The world around us.
- Social activities, fitness and health.

### Course details

Lessons will develop the four skill areas of speaking, listening, reading and writing.

Students will be supported and encouraged to use the language for genuine communication and as creatively as possible.

### Assessment criteria

All assessments will take place at the end of Year 11.



Paper 1: Listening	Paper 2: Reading & Writing	Paper 3: Speaking
Topics: Covers all 5 key topic areas.	Topics: Covers all 5 key topic areas	Topics: 3 of the 5 key topic areas covered.
Assessment Information: • 30 min exam, plus 5 min reading time.	Assessment Information: • Written examination of 1hr 45 minutes	Assessment Information: • Recorded discussion and conversation with class teacher lasting a maximum 10 minutes. • Marked by Edexcel
25% of total I/GCSE	50% of total I/GCSE	50% of total I/GCSE

### Career prospects

Students who achieve a Grade 5 or above will have the opportunity to continue their chosen language to AS Level. Language graduates have a vast array of career opportunities open to them in all fields, thanks to the wide range of skills developed through learning a foreign language. There are exciting opportunities often involving travel abroad in almost every sector.

French is an official language in many major political bodies like the EU and UN and would also be considered a major asset by companies with operations in one of the twenty-nine countries worldwide where it is the official language.

## Geography

International GCSE Edexcel – 4XGEI

### Course outline

Geography is an ideal subject for developing a full range of skills. You will be encouraged to develop your investigative approaches to explore geographical questions and issues. There will be a focus on improving your ability to make geographical decisions by applying your knowledge, understanding and skills with a real-world focus.

Fieldwork is an integral part of the course, and this will help you to develop the skills of organising your own time, and working and co-operating with others.

All these skills are transferable and will help you to make progress in other subjects. They are also skills that are highly valued by employers and will be useful in the world of work.



### Course details

Paper 1 – Physical Geography (40% of total I/GCSE)

- Coastal environments, including fieldwork.
- Hazardous environments including fieldwork from one of these topics.

Paper 2 – Human Geography (60% of total I/GCSE).

- Economic activity and energy Urban environments including fieldwork Global issues
- Globalization and Migration

### Assessment criteria

#### End of Year 10

Paper 1: Examination of 1 hour and 10 minutes, consisting of two sections. The questions are a mixture of multiple-choice, short-answer, data-response and open-ended questions.

- Section A: Candidates answer questions on- coastal environments and hazardous environments.
- Section B: Candidates answer fieldwork-related questions on coastal environments.

#### End of Year 11

Paper 2: Examination of 1 hour and 45 minutes, consisting of three sections. The questions are a mixture of multiple-choice, short-answer, data-response and open-ended questions.

- Section A: Candidates answer questions on- economic activity, energy and urban environments.
- Section B: Candidates answer fieldwork-related questions on urban environments.
- Section C: Candidates answer questions on globalisation and migration.

### Career prospects

Geography ensures students are well placed to contribute to the scientific and political debates regarding the world in which we live. Students learn an excellent range of transferable skills that enable them to be successful across a range of professions. Employment opportunities include Journalism, Media, Law, Engineering, Business Management, ICT, Environmental Management, Teaching, Economic Planning, Marketing, Leisure and Recreation and Tourism.

# History

International GCSE Edexcel – 4XH11

## Course outline

The topics to be covered across the two years of study are as follows:

Paper 1:

- Depth Studies - A world divided: superpower relations, 1943–72, and dictatorship and conflict in the USSR, 1924–53.

Paper 2:

- Investigation and Breadth Studies - A1 The origins and course of the First World War, 1905–18 and B2 Changes in Medicine, 1848 – 1948.

The objective of the course will be to enable students to recall, select, organise and deploy knowledge and communicate it through description, explanation and analysis. Show that students understand and can analyse and interpret historical sources in context. To show that students can comprehend, analyse and evaluate how and why events, people, situations and changes have been interpreted and represented in relation to the historical themes and periods studied.

The skills that will be developed will be to foster a knowledge and understanding of selected periods and/or aspects of history, exploring the significance of historical events, people, changes and issues and to give students the ability to use historical sources critically, in context, recording significant information and reaching conclusions. To enable learners to organise and communicate their knowledge and understanding of history and to enable learners to draw conclusions and make historical judgements.

## Course details

End of Year 10

Paper 1 – Students answer two questions, one on each of the depth studies they have studied. (50 % of total I/GCSE)

## End of Year 11

Paper 2 – Students answer two questions, one question on their historical investigation and one question on their breadth study in change.(50 % of total I/GCSE).

## Assessment criteria

All the assessment for International GCSE History will take place at the end of the two years of study. There is no coursework element to the course. The examination will be 2 un-tiered written examinations.

Paper 1: 1hr 30 mins.

Paper 2: 1hr 30 mins.

The I/GCSE qualification will be graded and certificated on a nine-grade scale from 9 to 1 using the total subject mark where 9 is the highest grade. Individual papers are not graded.

## Career prospects

Successful completion of the International GCSE History course allows for the progression to Edexcel GCE AS and A2 Level History.

However, because the course is very much geared to allowing students to become independent thinkers, who are good communicators and able to articulate sound judgements, it also provides a sound basis for a number of other avenues.



## Course outline

Pearson Edexcel International GCSE in Information Communication Technology (ICT) is a linear qualification. It aims to provide students with a comprehensive understanding of Information and Communication Technology (ICT). Students will develop both theoretical knowledge and practical skills, preparing them for further education and careers in the digital world.

### Course Details

The course is divided into six main topics, each focusing on different aspects of ICT:

- Topic 1 – Digital Devices: Understand digital devices, their rapid advancements, and how they impact individuals and society.
- Topic 2 – Connectivity: Understand how digital devices exchange data, communicate, and support "access everywhere" developments.
- Topic 3 – Operating Online: Understand online risks, their management, and the societal impact of digital device use.
- Topic 4 – Online Goods and Services: Understand standalone and LAN networks and the growing use of online systems.
- Topic 5 – Applying ICT: Use a range of software applications effectively and appropriately.
- Topic 6 – Software Skills: Demonstrate skills in using the software applications identified in Topic 5

### Assessment Criteria

Students will be assessed through a combination of practical assignments, projects, and written exams. Each topic will have specific assessment criteria to evaluate students' understanding and application of ICT concepts and skills.

Paper 1: Written Paper	Unit code 4WSD1/1B
<ul style="list-style-type: none"> <li>Externally assessed</li> <li>Availability: June</li> <li>First assessment: May/June 2019</li> </ul>	<ul style="list-style-type: none"> <li>Paper code 4IT1/01</li> <li>50% of the total iGCSE in ICT</li> </ul>
Content: Students may be assessed on the following topics: <ul style="list-style-type: none"> <li>Topic 1: Digital Devices</li> <li>Topic 2: Connectivity</li> <li>Topic 3: Operating Online</li> <li>Topic 4: Online Goods and Services.</li> </ul>	Assessment: <ul style="list-style-type: none"> <li>Students are assessed through a 1-hour and 30-minute written examination, set and marked by Pearson.</li> <li>The examination comprises a mixture of multiple-choice, short- and long-answer questions.</li> <li>The total number of marks available is 100.</li> </ul>
<b>Paper 2: Practical Paper</b>	
<ul style="list-style-type: none"> <li>Externally assessed</li> <li>Availability: June</li> <li>First assessment: May/June 2019</li> </ul>	<ul style="list-style-type: none"> <li>Paper code 4IT1/02</li> <li>50% of the total iGCSE in ICT</li> </ul>
Content: Students may be assessed on the following topics: <ul style="list-style-type: none"> <li>Topic 5: Applying ICT</li> <li>Topic 6: Software Skills</li> </ul>	Assessment: <ul style="list-style-type: none"> <li>Students are assessed through a 3-hour practical examination, set and marked by Pearson.</li> <li>The examination window takes place during one week in May/June.</li> <li>The total number of marks available is 100.</li> </ul>

## Career Prospects

Students can pursue Information Technology at AS and A Level, followed by tertiary education in technical fields. Potential career prospects include roles in software development, network management, cybersecurity, data analysis, and IT consultancy. The skills gained from this course are highly valued in today's technology-driven job market, offering students a strong foundation for a successful career in Tech.





## Music

### GCSE Edexcel – IMUO

## Course outline

GCSE Music takes you deeper into the world of music, studying and performing a variety of pieces ranging from classical to rock. Students must be able to perform at a level equivalent to ABRSM Grade 4 on their chosen instrument (or voice).

Additionally, it is important to be taking individual instrumental/vocal lessons in order to pass and excel in the performance component of the course.

The course is split into three main areas: Performing, Composition and Listening & Appraising.

- Performing: you will perform as a soloist and a member of an ensemble, this can be on an instrument you are already learning or wish to learn.
- Composition: you will compose two pieces of music, one of your own choice and one to a set brief from the exam board. Styles and genres are based on the set work pieces studied.
- Listening & appraising: continuous studies throughout the course with the written exam taking place at the end of year 11. The exam is based on the set works studied during the course, as well as unfamiliar pieces, where the student will answer a range of questions about what they can hear in the music.

## Set works

Instrumental Music:

- J S Bach 3rd Movement from Brandenburg Concerto no.5 in D Major.
- L Van Beethoven 1st movement from Piano Sonata no.8 in C minor 'Pathétique'

Vocal Music:

- H Purcell: Music for a While.
- Queen's Killer Queen

Music for Stage & Screen:

- Defying Gravity from Wicked
- Main title/rebel blockade runner from Star Wars: A New Hope

Fusions:

- Afro Celt Sound System Release.
- Esperanza Spalding Samba Em Preludio

## Assessment criteria

Unit 1: Performing Music (30% of total GCSE) from Piano Sonata no.8 in C minor 'Pathétique'

Unit 2: Composing Music (30% of total GCSE)

Unit 3: Listening and Appraising (40% of total GCSE)

## Career prospects

Studio Engineers, Teachers, Professional Musicians, Session Musicians, DJs, Producers, Record Label Managers, Singers are some of the possible career paths after taking GCSE Music.

## Please note:

Due to the nature of the course, Students are required to be taking instrumental/vocal lessons, which are essential, before choosing the subject in Year 10. Students must also continue with their instrumental or singing lessons throughout the duration of the IGCSE Music course to support their progress and success.

# Physical Education

## GCSE Edexcel – IPEO

### Course outline

GCSE Physical Education will equip students with the knowledge, understanding, skills and values they need to be able to develop and maintain their performance in physical activities. Students will also gain understanding of how physical activities benefit health, fitness and well-being.

#### The objectives of this course are to:

- Develop knowledge and understanding of the factors that underpin physical activity and sport, and how to use these factors to improve performances.
- Provide opportunities for students to understand how the physiological and psychological state affects performance in physical activity and sport and the contribution that sport can make to health, fitness and well-being.

The practical element of the course aims to improve performances in different physical activities by developing skills, techniques, tactics and strategies. Students will also become equipped to analyse and evaluate to improve performances in physical activity and sport.

### Course details

Component 1: Fitness and Body Systems (36% of total GCSE)

Component 2 Health and Performance (24% of total GCSE)

Component 3 Practical Performance (30% of total GCSE)

Component 4 Personal Exercise Programme (10% of total GCSE)

### Assessment criteria

The GCSE course is assessed over the four components. Component 1 and 2 are externally assessed through two written examination papers in May/June 2021. Component 3 is assessed internally by the teacher. These marks are then modified by an external moderator. Students will be assessed in three different physical activities in the role of player/performer. Component 4 is internally marked and externally moderated by Pearson.

This piece of work should include planning, performing and evaluating a Personal Exercise Programme (PEP) and will be completed prior to the final exams. The GCSE qualification will be graded and certificated on a nine - grade scale from 9 to 1 using the total subject mark where 9 is the highest grade. Individual papers are not graded.

### Career prospects

As well as being the ideal preparation for the A Level Physical Education course, the blend of scientific and social knowledge in GCSE PE positions students to access a range of qualifications.

GCSE PE allows for progression to related vocational qualifications and gives students an in-depth insight into the career pathways in sport and the necessary skills to allow them to take on coaching roles in the future. Careers includes Physiotherapy, Sport Science and Sport Medicine Doctor .



# Physics

International GCSE Edexcel – 4XPH1

## Course outline

Pearson Edexcel International GCSE in Physics (Modular) is a modular qualification. All units are available in the June and November exam series and can be sat in any order or re-sat.

Unit 1 exam will be sat in Year 10 and Unit 2 exam will be sat in Year 11. It builds a foundation for learners wishing to progress to the Pearson Edexcel International AS and A Level qualifications or equivalent qualifications, focusing on key physics theory.



## Our approach

Learners will learn about unifying patterns and themes in physics and use them in new and changing situations. They will acquire knowledge and understanding of physical facts, terminology, concepts, principles and practical techniques to evaluate chemical information, make judgements on the basis of this information. They will analyse, interpret and evaluate data and experimental methods. Learners will draw conclusions that are consistent with evidence from experimental activities and suggesting possible improvements and further investigations.

## Assessment criteria

Physics Unit 1	Unit code 4WPH1/IP*
<ul style="list-style-type: none"> <li>Externally assessed</li> <li>Written examination: 1 hour and 40 minutes</li> <li>Availability: June and November</li> <li>90 marks</li> </ul>	50% of the total International GCSE (Modular)
Content summary	
Assesses content listed below, including content that is in bold and has a 'B' reference. Questions may come from any topic area listed below.	
1. Forces and motion a. Units b. Movement and position c. Forces, movement, shape and momentum	2. Electricity a. Units b. Mains electricity c. Energy and voltage circuits d. Electrical charge
3. Energy resources and energy transfer a. Units b. Energy transfers c. Work and power d. Energy resources and electrical generation	4. Solids, liquids and gases: Part 1 a. Units b. Density and pressure c. Change of state
Assessment	
A combination of different question styles, including multiple-choice questions, short-answer questions, calculations and extended open-response questions. A calculator may be used in the examinations.	

# Physics

International GCSE Edexcel – 4XPH1

## Physics Unit 2

## Unit code 4WPH2/IP\*

- Externally assessed
- Written examination: 1 hour and 40 minutes
- Availability: June and November
- 90 marks

50% of the total International GCSE (Modular)

## Content summary

Assesses content listed below, including content that is in bold and has a 'P' reference. Questions may come from any topic area listed below.

### Content summary

Assesses content listed below, including content that is in bold and has a 'P' reference. Questions may come from any topic area listed below.

#### 5. Waves

- a. Units
- b. Properties of waves
- c. The electromagnetic spectrum
- d. Light and sound

#### 6. Solids, liquids and gases: Part 2

- a. Units (note that this is the same content from 4. Solids, liquids and gases: Part 1)
- b. Ideal gas molecules

#### 7. Magnetism and electromagnetism

- a. Units
- b. Magnetism
- c. Electromagnetism
- d. Electromagnetism induction

#### 8. Radioactivity and particles

- a. Units
- b. Radioactivity
- c. Fission and fusion

#### 9. Astrophysics

- a. Units
- b. Motion in the universe
- c. Stellar evolution
- d. Cosmology

## Assessment

A combination of different question styles, including multiple-choice questions, short-answer questions, calculations and extended open-response questions.

A calculator may be used in the examinations.

# Psychology

## GCSE Edexcel-1PS0

### Course outline

The GCSE course in Psychology introduces students to psychological concepts and methodologies in the context of real-life issues, focusing on key questions, the work of renowned psychologists and the research students can undertake themselves.

#### Course Outline

The aims and objectives of this qualification are to enable students to:

- Use specialist vocabulary, psychological concepts, terminology and convention to engage in the process of psychological enquiry
- Acquire knowledge and understanding of psychology, developing an understanding of self and others, and how psychological understanding can help to explain everyday social phenomena
- Understand how psychological research is conducted, including the role of scientific method and data analysis
- Present information, develop arguments and draw conclusions through a critical approach to psychological evidence, developing as reflective thinkers
- Develop an understanding of the relationship between psychology and personal, moral, social and cultural issues, and develop an understanding of ethical issues in psychology
- Develop an understanding of psychological issues, the contribution of psychology to individual, social and cultural diversity, and how psychology contributes to society.

### Course Details

Students will gain knowledge and understanding of key features of the following core areas of psychology through the study of the compulsory and optional topics in this specification, including research methods:

- Biological – an understanding of biological concepts in psychology, including neuroscience and genetics as contributors to behaviour.
- Cognitive – an understanding of thought, information and mental processing as contributors to behaviour.
- Social – an understanding of the social area of psychology, the impact of social and environmental factors on behaviour and the influence of groups.
- Developmental – an understanding of how individuals change throughout their lives, with a particular focus on childhood and how both nature and nurture can affect individuals
- Individual differences – an understanding of the complex nature of human behaviour and experiences and why and how people are different.

### Assessment Criteria

#### Paper 1

Written examination: 1 hour and 45 minutes

\*Paper code 1PS0/01 55% of the qualification 98 marks

#### Paper 2:

Written examination: 1 hour and 45 minutes

\*Paper code 1PS0/02 45% of the qualification 79 marks

### Career prospects

GCEs, for example in psychology, biology and geography Level 3 vocational qualifications, for example the BTEC Level 3 in Health and Social Care, Applied Science and Children's Care, Learning and Development Employment in a wide range of careers (with further training), for example product management and general management, or a science-based apprenticeship.

# Spanish

## International GCSE Edexcel – 4SP1

### Course outline

Over the two year I/GCSE course, students will study five key topic areas for approximately one term per topic:

- Home and abroad.
- Education and employment.
- Personal life and relationships.
- The world around us.
- Social activities, fitness and health.



### Course details

Lessons will develop the four skill areas of speaking, listening, reading and writing.

Students will be supported and encouraged to use the language for genuine communication and as creatively as possible.

### Assessment criteria

All assessments will take place at the end of Year 11.

Paper 1: Listening	Paper 2: Reading & Writing	Paper 3: Speaking
Topics: Covers all 5 key topic areas.	Topics: Covers all 5 key topic areas	Topics: 3 of the 5 key topic areas covered.
Assessment Information: 30 min exam, plus 5 min reading time.	Assessment Information: Written examination of 1hr 45 minutes.	Assessment Information: Recorded discussion and conversation with class teacher lasting a maximum 10 minutes. Marked by Edexcel
25% of total I/GCSE	50% of total I/GCSE	25% of total I/GCSE

### Career prospects

Students who achieve a Grade 5 or above will have the opportunity to continue their chosen language to AS Level.

Language graduates have a vast array of career opportunities open to them in all fields, thanks to the wide range of skills developed through learning a foreign language. There are exciting opportunities often involving travel abroad in almost every sector.

Spanish is the world's second most popular language after Mandarin, with over four-hundred million speakers worldwide. It is an official language of the UN and knowledge of the language is therefore also very valuable in the global labour market.

مدرسة أوريكس العالمية



# Oryx International School, Doha

مدرسة أوريكس العالمية



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