



# The Oxford School

AY 2026 - 2028

A Guide to IGCSE Subject Selection



## IGCSE BOOKLET

**37**  
**YEARS**  
of shaping young minds in the field of  
education.



# The Oxford School

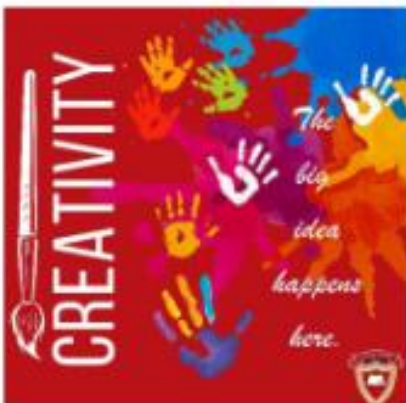
## Our Vision

To empower each individual with creativity and values to become compassionate life-long learners, enabling them to be contributing global citizens.

## Our Mission

To develop a community of creative and independent learners, sensitive and tolerant to the needs of a diverse global society.

## Our Values





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## **Dear Parents and Students**

Our aim at The Oxford School is to provide each of our learners with a broad and balanced curriculum tailored to their individual needs, offering a variety of possibilities and opportunities for education beyond the age of 16.

The Key Stage 4 courses and how they are taught at Oxford are designed to equip your child for their future. We have provided a variety of choices to give a broad and balanced range of subjects, resulting in internationally recognised qualifications.

You must choose 4 optional subjects from those available, in addition to the compulsory subjects of English, Maths, and at least one Science. The programme has been designed to ensure that students experience a broad and balanced curriculum, meeting the requirements of the Cambridge, Edexcel, Oxford AQA, and BTEC frameworks, alongside the Ministry of Education (MOE) curriculum. All students will be provided with the opportunity to achieve high IGCSE grades, giving them the perfect chance to succeed at A Level and in their chosen careers.

This booklet will give you further information about the subjects on offer and the key information for you to consider. It is also important that you conduct your research and ask questions to support your decisions, especially related to further study both inside and outside of the UAE. Finally, and most importantly, select the subjects you enjoy and those that you are good at. This will give you the best possible start to your IGCSE courses and your future education.





## **COMPULSORY SUBJECTS**

As a school operating in the UAE while offering a UK Curriculum, we take into account both UK requirements and the mandates of the KHDA and the Ministry of Education. Each student must follow a series of compulsory subjects, as outlined below. Ministry of Education (MoE) Curriculum: Following the Ministry of Education regulations, the following subjects are compulsory:

- U.A.E. Arabic Ministry Syllabus (up to Year 13, it is compulsory for Arab students; for others, it is until Year 10)
- U.A.E. Islamic Studies Ministry Syllabus (compulsory for Muslim students up to Year 13)
- U.A.E. Moral, Social & Cultural Studies (compulsory up to Year 13)

## **OPTIONAL SUBJECTS**

In addition to the compulsory subjects that students must follow, we have an array of optional subjects. This is partly to ensure we can offer a wide range of courses, and to make sure students meet the minimum requirements for the International General Certificate of Secondary Education.

## **BROAD AND BALANCED CURRICULUM**

In Years 10-11 (Key Stage 4), a wide range of courses are offered to prepare students for higher and further education and training. We expect all students to select a balanced range of subjects and encourage students to continue through to post-16. This approach ensures they develop both depth in key disciplines and the flexibility to pursue individual interests, preparing them for further education and future careers.

**\* If you wish to discuss further, please speak to the Career Counsellor, Head of Secondary or Head of Subjects.**



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## IGCSE OPTION FORM

### Purpose of Subject Selection

The IGCSE programme is a two-year academic pathway designed to provide students with a strong foundation for post-16 education and future university pathways. Students are expected to make well-informed, strategic subject choices, aligned with their academic strengths, interests, and long-term career aspirations. These decisions play a critical role in shaping future opportunities and academic progression.

### Programme Overview

At Oxford School, the IGCSE curriculum is delivered as a structured two-year programme. Students will appear for their Board Examinations in May/June 2028. It is Internationally recognised qualification.

### **Mandatory Subjects- All students are required to study the following:**

English as Second Language (CAIE) /First Language English (CAIE) **(Based on an English Proficiency assessment)**

Mathematics (CAIE)- (Core or Extended based on Year 9 attainment)

### **UAE Mandatory Subjects (Non-IGCSE)**

Ministry of Education Arabic A for all Arabs in **Year 10 and 11**. (Non IGCSE)

Ministry of Education Arabic B for all Non-Arabs in **Year 10** only. (Non IGCSE)

Ministry of Education Islamic Studies for all Muslim Students in **Year 10 and 11**. (Non IGCSE)

Ministry of Education Moral Education for Arab students in **Year 10 and 11**.

Ministry of Education UAE Social studies for Arab students in **Year 10**

Ministry of Education Moral, Social and Cultural studies for non-Arab students in **Year 10**. (Non IGCSE)

### **Additional Mandatory Subject :**

Physical Education is compulsory for all students in Year 10 and 11

Career Counselling/ University Guidance is compulsory for all students in Year 11

**Subject Selection Guidelines:** Students must select ONE subject from each option block (4 subjects in total) Subject selection must reflect:

- Future university and career pathways
- Academic performance in Year 9
- Personal interest and aptitude



OPTION 1	OPTION 2	OPTION 3	OPTION 4
Business (CAIE) <input type="checkbox"/> BTEC Business <input type="checkbox"/>	Combined Science (CAIE/OXFORD AQA) <input type="checkbox"/>	Accounting (CAIE) <input type="checkbox"/>	Computer Science (CAIE/OXFORD AQA) <input type="checkbox"/>
Physics (CAIE) <input type="checkbox"/>	Biology (CAIE/OXFORD AQA) <input type="checkbox"/>	Chemistry (CAIE) <input type="checkbox"/>	ICT (CAIE) <input type="checkbox"/>
Travel & Tourism (CAIE) <input type="checkbox"/>	Economics (CAIE) <input type="checkbox"/>	Psychology (Edexcel) <input type="checkbox"/>	Environmental Management (CAIE) <input type="checkbox"/>
English Literature (CAIE/OXFORD AQA) <input type="checkbox"/>	Sociology (CAIE) <input type="checkbox"/>	Art & Design (CAIE) <input type="checkbox"/>	Enterprise (CAIE) <input type="checkbox"/>
Geography (CAIE) <input type="checkbox"/>	Arabic Foreign Language (CAIE) <input type="checkbox"/>	French/Urdu (CAIE) <input type="checkbox"/>	

### Important Academic Requirements

- In accordance with Ministerial Decree, for all students writing IGCSE, a **minimum of one science subject is mandatory (Physics / Chemistry / Biology / Combined Science)**.
- Entry criteria based on Year 9 performance:
  - Minimum B grade for:
    - Mathematics Extended
    - First Language English (with entry test)
    - Science subjects
  - Minimum D grade for all other subjects
  - Subjects may not run if minimum enrolment (20 students) is not met
  - Subject choices are final and cannot be changed once submitted
- In accordance with KHDA regulations, students must maintain a minimum of 92% attendance to meet grade completion requirements.
- Students who do not meet the minimum passing criteria across subjects in Year 10 will not be promoted to Year 11.

### Additional Optional Subjects: Self-Study Pathway

Keeping in mind the growing trend in university requirements, we recommend that students undertake one or two additional subjects as self-study; however, these are not mandatory. Please note that while students may choose from the following additional subjects, the ownership of learning and responsibility for assessment preparation and performance will rest with the student and parents. If students opt for



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additional subjects, they will be registered as private candidates for those subjects and must appear for board exams in October/November series.

- Geography • History • Business Studies • Sociology • Travel and Tourism • Environment Management • Foreign Language Arabic

## Parent Partnership & Guidance

We strongly encourage parents and students to:

- Engage in discussions with teachers and academic advisors
- Consider long-term university requirements
- Make balanced, realistic subject choices

The school's Career Counselling Team is available to support students in making informed decisions.

## Student & Parent Declaration

Student's Full Name: ..... Year: .....

Name of the Parent/Guardian .....

Signature of Parent/Guardian: .....

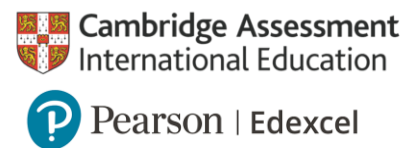
Contact No. Mobile ..... Residence .....

Email Address : .....

## **MAKING YOUR CHOICES**

Before making your choices, you should consider the implications of your chosen subjects for your future career in education and beyond. For example, if you wish to go into the world of travel in some form or another, then a foreign language would be advised. Not taking a foreign language as an option now may hinder your career prospects later.

You should also consider where you intend to study at university. This is because the entry requirements differ from country to country and are changing all the time. Whilst the Career Counsellor at Oxford will be able to provide up-to-date information on university entry requirements Worldwide, It is up to each student to research the requirements for study outside of these options.





## PATHWAYS

The first step towards your future career is to plan out the journey. The activity below is designed to help you map this out effectively so that you can make better-informed decisions. If you have a couple of different careers in mind, you will need to use multiple pathway maps. To complete your map, you will need to complete some research.

**My desired career is**

↓

**What qualifications are needed? (i.e. degree, vocational cert' etc.)**

**What are the pre-requisites in order to achieve the above/what would be good to do?**

↓

↓

**What will the Post 16 requirements/needs be?**

↓

↓

**What levels do I need to access these courses and what am I predicted to achieve?**

↓

<b>Subject</b>							
<b>Level</b>							
<b>CAT4 Prediction</b>							
<b>What I need to achieve</b>							



## **CAREER AND UNIVERSITY GUIDANCE**

If you or your parents have any queries related to the subjects you are going to choose and would like to discuss what opportunities would be available to you regarding university options, please speak to our Career Counsellor.

## **SHAHADAT AL-THANAWIYA AL - AMMA**

The Shahadat Al-Thanawiya Al-Amma or 'Secondary School Leaving Certificate' is a student's evidence that they have completed Secondary Schooling in the UAE. Originally developed for Arabic Curriculum Schools, it is now often referred to as the 'Equivalence Certificate' because students following an alternative curriculum (UK Curriculum on offer at The Oxford School) can now gain the certificate, having attended an international school.

## **WHY DOES A STUDENT NEED THE SHAHADAT ALTHANAWIYA AL- AMMA?**

Any student who has studied in the UAE for his/her final Secondary School. (Year 10/Grade 9 onwards) are advised to make all appropriate efforts to achieve the Shahadat Al- Al-Thanawiya Al-Amma, unless they can answer 'No' to all the following statements:

- Do you intend to study in the UAE after the age of 18?
- Do you intend to study in another Arabic country (e.g. Jordan, Lebanon and Egypt) after the age of 18?
- Do you intend to work in the UAE at any point after the age of 18?

For some students, they intend to study at a university in a non-Arab country, such as the UK, Canada or the USA. For these students, points 1 & 2 (above) do not apply, and some students may have already decided that they intend to work overseas after finishing university.

However, a student who has studied beyond Year 10 in the UAE may still be asked to produce their Shahadat Al-Thanawiya Al-Amma many years later if they choose to apply for employment in the UAE or another Arab country.

Students who do not have the Shahadat Al-Thanawiya Al-Amma will be at a distinct disadvantage in future years when applying for employment in the UAE. Federal law dictates that all Federal employees (i.e. those working in the armed forces or Ministry Departments such as Labour, Interior or Education) must have the Shahadat Al-Thanawiya Al-Amma.



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UNITED ARAB EMIRATES  
MINISTRY OF EDUCATION



الإمارات العربية المتحدة  
وزارة التربية والتعليم

## **Subject: Ministry of Education legislation which will affect schools offering the UK curriculum**

There has been a recent change of legislation by the Ministry of Education (MOE), which will improve Arabic and Islamic Studies provision for British school curriculum students but will also have an impact for those pupils who wish to leave Secondary Education in Year 12 and require an MOE High School Equivalency Certificate.

The background is that, as you will probably know, the British system operates in a different grading system to the IB, MOE and American counterparts in terms of naming the various age stages of learning. So, for example, a six-to seven-year-old entering Year 2 in a British school would be at Grade 1 level in a non-British institution and a 16 to 17-year-old entering Year 12 would be at Grade 11 in an American, MOE or IB school.

To address the issue, the MOE has decided to align Years and Grades across all schools in the UAE, a step that some Emirates, such as Abu Dhabi and Sharjah, had taken earlier than others. From **2022-23**, all British curriculum **students will have to complete Year 13 before leaving Secondary Education because of MOE** Resolution No. (883) of 2019, which we shared with you previously and during the Options Evening.

The aforementioned changes will also affect students in the current academic year, as the MOE will no longer grant its High School Equivalency Certificate until all required components, including Arabic and Islamic Studies, are completed. This can only be achieved in Year 13.

Year 12 students from British schools (i.e. aged 16-17) can still leave school at this age, but they will not obtain the Equivalency Certificate. This may impact their ability to go into further education, particularly here in the UAE or other regional institutions such as in Egypt. This will depend on the requirements of the various universities. As well as the duration of national services.

We appreciate these new changes to the system are somewhat challenging and so our schools will also offer more explanations as necessary should you wish to discuss further the implications for your child.

Rest assured, the school will support you fully in securing the best possible outcome for your child.



## HOW TO OBTAIN EQUIVALENCY

Students who intend to obtain the UAE Secondary Equivalency Certificate at The Oxford School require the following:

1. The student must pass 5 GCSE or IGCSE courses with grades: (A \*, A, B, C, D) or (3 to 9). These 5 courses must include:
  - Mathematics
  - One of the science subjects (Physics, Chemistry, Biology) or Combined Science Subject.
  - One of the following three English subjects: either English Language, English Literature or English Second Language.
2. Achieve (again from the specified list of 21 subjects) either.
  - Pass 2 Advanced Subsidiary (AS) Levels in Year 12 at Grade D or better, or Pass 1 Advanced (A) Level in Year 13 at Grade D or better
3. Pass the UAE Ministry of Education Arabic Studies examination in Year 13. This can be taken as either Native Arabic Studies (for learners of Arab Nationality as shown on their passport) or as Non-Native Arabic Studies (for learners of non-Arab Nationality as shown on their passport).

In addition to the 3 sections above, there is a 4th section which is only applicable to Muslim students:

- Pass the UAE Ministry of Education Islamic Studies exam in Year 13. This can be taken as either Native Islamic Studies (for learners of Arab Nationality as shown on their passport) or as Non-Native Islamic Studies (for learners of non-Arab Nationality as shown on their passport)

Subjects studied should be chosen from the list defined by the relevant Ministry regulations.

For IGCSE listed subjects, refer to page 3 of this option booklet. All subjects except the one in red font are in the list of approved subjects for MOE equivalency - The British System.

### High School Equivalency Requirements Based on Ministerial Decree 199 in 2019

Approved Courses in the British Curriculum (AS/AL)										
الرياضيات و تكنولوجيا المعلومات و الاتصالات	حظرم الكمبيوتر	Computer Science		AL/AS	فنون ولغات	الفن و التصميم: التصميم الجرافيكى	Art and Design: Graphic Design	Arts & Language	AL/AS	
	تكنولوجيا المعلومات و الاتصالات التطبيقية	Applied ICT	Mathematics and ICT	AL/AS		الوسائط الرقمية و التصميم	Digital Media and Design		AL/AS	
	تفنية المعلومات	Information Technology Design and Technology		AL/AS		اللغة و الأدب في اللغة الانجليزية	Language and Literature in English		English	AS
	التصميم و التكنولوجيا	Environmental Management		AL/AS		اللغة الإنجليزية	English Language		English Language	AL
علوم	الإدارة البيئية	Food Studies		AS	العلوم الإنسانية	الأدب باللغة الإنجليزية	Literature in English	Humanities	AL/AS	
	علوم الغذاء	Biology	Sciences	AL		الدراسات الكلاسيكية	Classical Studies		AL/AS	
	أحياء	Chemistry		AL/AS		تاريخ	History		AL/AS	
	كيمياء	Physics		AL/AS		جغرافيا	Geography		AL/AS	
العلوم الاجتماعية	القانون	Law		AL/AS	لغات	اليابانية	Japanese	Languages	AS	
	الأعمال	Business		AL/AS		الإسبانية	Spanish		AL/AS	
	علم النفس	Psychology		AL/AS		الفرنسية	French	AL/AS		
	علم الاجتماع	Sociology	Social Sciences	AL/AS		البرتغالية	Portuguese	AL/AS		
	المحاسبة	Accounting		AL/AS		الصينية	Chinese	AS		
	الاقتصاد	Economic		AL/AS		الرياضيات و تكنولوجيا المعلومات و الاتصالات	الرياضيات (متقدم)	Further Mathematics	Mathematics and ICT	AL
							الرياضيات البحتة والرياضيات	Pure Mathematics Mathematics		AL



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Cambridge Assessment  
International Education

## CAMBRIDGE

1. Art & Design	12. Biology
2. Chemistry	13. Combined science
3. Computer science	14. ICT
4. Mathematics	15. Physics
5. Urdu	16. French
6. First English Language	17. Second English Language
7. Accounting	18. Arabic Foreign Language
8. Business studies	19. Economics
9. Environmental management	20. English literature
10. Enterprise	21. Geography
11. Sociology	22. Travel and tourism

## EDEXCEL



Pearson | Edexcel

1. Psychology

## OXFORD AQA

OXFORD AQA

INTERNATIONAL QUALIFICATIONS

1. Biology
2. Combined science
3. Computer science

## BTEC

BTEC

1. Business (L2)
2. Sport (L2)



## ART & DESIGN

Course Title	Art & Design (0400)
Level	IGCSE
Awarding Body	<b>Cambridge international</b>
Grades	A*-G
Syllabus	<a href="https://www.cambridgeinternational.org/Images/743279-2028-2030-syllabus.pdf">https://www.cambridgeinternational.org/Images/743279-2028-2030-syllabus.pdf</a>
Content Overview	The broad areas of study are: Painting and related media Graphic communication Three-dimensional design Textiles and fashion Photography
Assessment Overview	All assessments are externally assessed end of the year, 11 May / June. All candidates take two components.  <b>Component 1 (Course Work)</b> 100 marks (50%)  <b>Component 2 (Externally Set Assignment)</b> 100 marks 8hrs (50%)
Six Form opportunities	Design Technology, History, Drama, Photography, Textiles and Media.
Career opportunities	Graphic designer, Architect, Interior designer, Fashion designer, Curator, Art director, Jewellery maker, Web designer, Illustrator, Animator, Set designer, Photographer



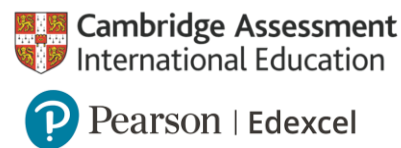
# BIOLOGY

Course Title	Biology (0610)
Level	IGCSE
Awarding Body	<b>Cambridge international</b>
Grades	A*-G
Syllabus	<a href="https://www.cambridgeinternational.org/Images/697203-2026-2028-syllabus.pdf">https://www.cambridgeinternational.org/Images/697203-2026-2028-syllabus.pdf</a>
Assessment Overview	<p><b>Paper 1: Multiple Choice (Core)</b> 45 minutes, 40 marks, 30% 40 four-option multiple-choice questions</p> <p><b>Paper 2: Multiple Choice (Extended)</b> 45 minutes, 40 marks, 30% 40 four-option multiple-choice questions</p> <p><b>Paper 3: Theory (Core)</b> 1 hour 15 minutes 80 marks 50%</p> <p><b>Paper 4: Theory (Extended)</b> 1 hour 15 minutes 80 marks 50%</p> <p><b>Paper 6: Alternative to Practical</b> 1 hour 40 marks 20%</p>
Six Form opportunities	A-level Biology, Psychology
Career opportunities	Doctor, Dentist, Healthcare Professional, Nurse, Genetic Counsellor, Researcher, Biotechnologist, Microbiologist, Nanotechnologist, Pharmacologist, Zoologist, Biomedical Engineering, Patent Law Officer, and more



# CHEMISTRY

Course Title	Chemistry (0625)
Level	IGCSE
Awarding Body	<b>Cambridge international</b>
Grades	A*-G
Syllabus	<a href="https://www.cambridgeinternational.org/Images/697205-2026-2028-syllabus.pdf">https://www.cambridgeinternational.org/Images/697205-2026-2028-syllabus.pdf</a>
Content Overview	States of matter Atoms, elements and compounds Stoichiometry Electrochemistry Chemical energetics Chemical reactions Acids, bases and salts The Periodic Table Metals 1Chemistry of the environment Organic chemistry Experimental techniques and chemical analysis
Assessment Overview	<b>Paper 1: Multiple Choice (Core)</b> 45 minutes, 40 marks 30% 40 four-option multiple-choice questions  <b>Paper 2: Multiple Choice (Extended)</b> 45 minutes, 40 marks 30% 40 four-option multiple-choice questions  <b>Paper 3: Theory (Core)</b> 1 hour 15 minutes 80 marks 50%  <b>Paper 4: Theory (Extended)</b> 1 hour 15 minutes 80 marks 50%  <b>Paper 6: Alternative to Practical</b> 1 hour 40 marks 20%
Six Form opportunities	A level Chemistry, B. Tech Engineering
Career opportunities	Chemical Engineering, Medicine, Dentistry, Textile Chemist, Food Chemist, Forensic, Agriculture, Drug Designing and many more.

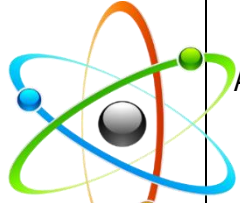




Course Title	Combined Science (0653)
Level	IGCSE
Awarding Body	<b>Cambridge international</b>
Grades	A*-G
Syllabus	<a href="https://www.cambridgeinternational.org/Images/745687-2028-2029-syllabus.pdf">https://www.cambridgeinternational.org/Images/745687-2028-2029-syllabus.pdf</a>
Content Overview	<p><b>Biology</b></p> <ul style="list-style-type: none"> <li>B1 Characteristics of living organisms</li> <li>B2 Cells</li> <li>B3 Movement into and out of cells</li> <li>B4 Biological molecules</li> <li>B5 Enzymes</li> <li>B6 Plant nutrition</li> <li>B7 Human nutrition</li> <li>B8 Transport in plants</li> <li>B9 Transport in animals</li> <li>B10 Diseases and immunity</li> <li>B11 Gas exchange in humans</li> <li>B12 Respiration</li> <li>B13 Drugs</li> <li>B14 Reproduction</li> <li>B15 Organisms and their environment</li> <li>B16 Human influences on ecosystems</li> </ul> <p><b>Chemistry</b></p> <ul style="list-style-type: none"> <li>C1 States of matter</li> <li>C2 Atoms, elements and compounds</li> <li>C3 Stoichiometry</li> <li>C4 Electrochemistry</li> <li>C5 Chemical energetics</li> <li>C6 Chemical reactions</li> <li>C7 Acids, bases and salts</li> <li>C8 The Periodic Table</li> <li>C9 Metals</li> <li>C10 Chemistry of the environment</li> <li>C11 Organic chemistry</li> <li>C12 Experimental techniques and chemical analysis</li> </ul> <p><b>Physics</b></p> <ul style="list-style-type: none"> <li>P1 Motion, forces and energy</li> <li>P2 Thermal physics</li> <li>P3 Waves</li> <li>P4 Electricity</li> <li>P5 Space physics</li> </ul> <p><b>Paper 1: Multiple Choice (Core)</b>            45 minutes, 40 marks 30%            40 four-option multiple-choice questions</p>



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## COMBINED SCIENCE

### Assessment Overview

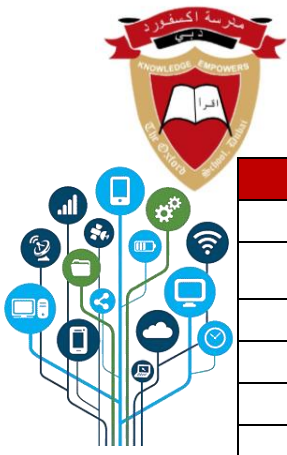
	<p><b>Paper 2: Multiple Choice (Extended)</b> 45 minutes, 40 marks 30% 40 four-option multiple-choice questions</p> <p><b>Paper 3: Theory (Core)</b> 1 hour 15 minutes, 80 marks 50%</p> <p><b>Paper 4: Theory (Extended)</b> 1 hour 15 minutes, 80 marks 50%</p> <p><b>Paper 6: Alternative to Practical</b> 1 hour, 40 marks 20%</p>
Six Form opportunities	B. Tech Engineering, Further studies in science
Career opportunities	Different Science opportunities based on the selection of science subjects at A level.



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<b>Course Title</b>	<b>Cambridge IGCSE Computer Science 0478</b>
Level	IGCSE
Awarding Body	<b>Cambridge international</b>
Grades	A*-G
Syllabus	<a href="#">Click here to view</a>
Content Overview	<p><b>Computer systems</b></p> <ul style="list-style-type: none"> <li>Data representation</li> <li>Data transmission</li> <li>Hardware</li> <li>Software</li> <li>The internet and its uses</li> <li>Automated and emerging technologies</li> </ul> <p><b>Algorithms, programming and logic</b></p> <ul style="list-style-type: none"> <li>Algorithm design and problem-solving</li> <li>Programming 9</li> <li>Databases</li> <li>Boolean logic</li> </ul>
Assessment Overview	<p>All candidates take all two papers. Candidates will be eligible for grades A* to G.</p> <p><b>Paper 1:</b> 50% 1 hour 45 minutes Computer Systems -75 marks Short-answer and structured questions. Questions will be based on Topics 1–6 of the subject content All questions are compulsory No calculators are permitted. Externally assessed</p> <p><b>Paper 2:</b> 50% 1 hour 45 minutes Algorithms, Programming and Logic- 75 marks Short-answer and structured questions and a scenario-based question. Questions will be based on Topics 7–10 of the subject content All questions are compulsory No calculators are permitted Externally assessed</p>
Six Form opportunities	AS & A Level CS
Career opportunities	<p><b>Data &amp; Analytics</b></p> <ul style="list-style-type: none"> <li>Data Analyst</li> <li>Data Scientist</li> <li>Database Administrator (DBA)</li> <li>Business Intelligence (BI) Developer</li> <li>Data Engineer</li> <li>Machine Learning Engineer</li> <li>AI Specialist</li> </ul> <p><b>Cloud &amp; DevOps</b></p> <ul style="list-style-type: none"> <li>Cloud Engineer (AWS, Azure, GCP)</li> <li>DevOps Engineer</li> <li>Site Reliability Engineer (SRE)</li> <li>Cloud Solutions Architect</li> <li>Platform Engineer</li> <li>Kubernetes Administrator</li> </ul>

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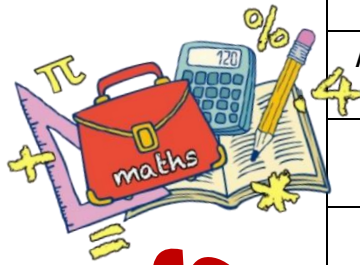
## INFORMATION & COMMUNICATION TECHNOLOGY

Course Title	Information and Communication Technology 0417
Level	IGCSE
Awarding Body	<b>Cambridge international</b>
Grades	A*-G
Syllabus	<a href="#">Click here to view</a>
Assessment Overview	<p>All candidates take all three papers. Candidates will be eligible for grades A* to G.</p> <p><b>Paper 1:</b> 40% 1 hour 30 minutes Theory - 80 marks Questions will be based on sections 1–21 of the subject content. All questions are compulsory Externally assessed</p> <p><b>Paper 2:</b> 30% 2 hours 15 minutes Document Production, Databases and Presentations - 70 marks This test assesses the practical skills needed to use the applications covered in sections 17, 18 and 19 of the subject content Candidates must demonstrate the practical skills relevant to sections 11–16 All tasks are compulsory Externally assessed</p> <p><b>Paper 3:</b> 30% 2 hours 15 minutes Spreadsheets and Website Authoring -70 marks This test assesses the practical skills needed to use the applications covered in sections 20 and 21 of the subject content. Candidates must demonstrate the practical skills relevant to sections 11–16. All tasks are compulsory. Externally assessed</p>
Six Form opportunities	AS & A Level IT
Career opportunities	<b>Technical Support &amp; IT Infrastructure</b> IT Support Specialist / Technician Desktop Support Engineer Help Desk Analyst Network Administrator System Administrator IT Coordinator Infrastructure Engineer



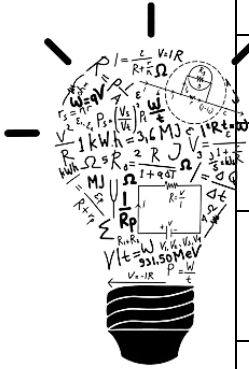
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	<p>IT Operations Manager Cloud Administrator</p> <p><b>IT Management &amp; Leadership</b> IT Project Manager Technical Project Manager IT Manager Chief Technology Officer (CTO) Chief Information Officer (CIO) Head of IT IT Director</p>
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# MATHEMATICS

Course Title	Mathematics 0580
Level	IGCSE
Awarding Body	<b>Cambridge international</b>
Grades	A*-G
Syllabus	<a href="https://www.cambridgeinternational.org/Images/745681-2028-2030-syllabus.pdf">https://www.cambridgeinternational.org/Images/745681-2028-2030-syllabus.pdf</a>
Content Overview	Number Algebra and graphs Coordinate geometry Geometry Mensuration Trigonometry Transformations and vectors Probability Statistics
Assessment Overview	All candidates take two components. <b>Core assessment</b>  <b>Paper 1 (Core-Non-Calculator)</b> 80 marks, 1.5 hr. (50%) Paper 3 (Core) -80 marks, 1.5 hr (50%)  <b>Extended Assessment</b> Paper 2 (Extended-Non-Calculator) – 100 marks, 2 hrs (50%) Paper 4 (Extended) - 100 marks, 2 hrs (50%)
Six Form opportunities	Mathematics, Further Mathematics, Physics
Career opportunities	Engineering, Statistician, Mathematics teacher, Financial Advisor, Credit Analyst, Banker, Actuary, Pure Mathematics, Applied Mathematics, Research Mathematics, Computer Science, Biomathematics, Cryptography and many more



# PHYSICS

Course Title	Physics (0625)
Level	IGCSE
Awarding Body	<b>Cambridge international</b>
Grades	A*-G
Syllabus	<a href="https://www.cambridgeinternational.org/Images/697209-2026-2028-syllabus.pdf">https://www.cambridgeinternational.org/Images/697209-2026-2028-syllabus.pdf</a>
Content Overview	<p>Motion, forces and energy</p> <p>Thermal physics</p> <p>Waves</p> <p>Electricity and magnetism</p> <p>Nuclear physics</p> <p>Space physics</p>
Assessment Overview	<p><b>Paper 1: Multiple Choice (Core)</b> 45 minutes, 40 marks 30% 40 four-option multiple-choice questions</p> <p><b>Paper 2: Multiple Choice (Extended)</b> 45 minutes, 40 marks 30% 40 four-option multiple-choice questions</p> <p><b>Paper 3: Theory (Core)</b> 1 hour 15 minutes. 80 marks 50%</p> <p><b>Paper 4: Theory (Extended)</b> 1 hour 15 minutes, 80 marks 50%</p> <p><b>Paper 6: Alternative to Practical</b> 1 hour 40 marks 20%</p>
Six Form opportunities	Mathematics, Physics and B. Tech Engineering
Career opportunities	Engineering, Medical Physics, Architecture, Physicists, Scientist, Nuclear Science, Astronomy and more

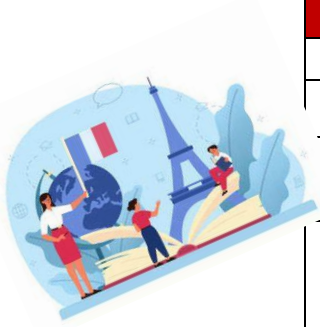


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URDU

Course Title	Urdu as a second language
Level	IGCSE
Awarding Body	<b>Cambridge international</b>
Grades	A*-G
Syllabus	<a href="https://www.cambridgeinternational.org/Images/745678-2028-2029-syllabus.pdf">https://www.cambridgeinternational.org/Images/745678-2028-2029-syllabus.pdf</a>
Content Overview	<p><b>Listening and Speaking</b> Greetings and introductions Understanding spoken instructions &amp; Describing people, places, and objects. Role-plays and dialogues, Pronunciation and intonation practice</p> <p><b>Reading</b> Reading texts, understanding signs, notices, and advertisements, reading comprehension based on everyday context. Reading and interpreting short stories or poems.</p> <p><b>Writing</b> Writing Urdu letters, emails, Articles, personal information, and description of events.</p> <p><b>Grammar &amp; vocabulary</b> 1. Urdu sentence structure, tenses, Vocabulary related to daily &amp; practical life.</p>
Assessment Overview	<p>All candidates take two components. Candidates will be eligible for grades A* to G. Centers can choose to enter candidates for an optional third component: Component 3 Speaking. Component 3 is internally marked and externally moderate. Marks for Component 3 do not contribute to the overall qualification grade:</p> <p><b>Paper 1: Reading and Writing</b> 2 hours 60 marks 67%</p> <p>The written examination consisting of six exercises that test a range of reading and writing skills. The task types are short answer questions, multiple matching, note-making, summary writing, functional writing and extended writing.</p> <p>Externally assessed. <b>Paper 2: Paper 2 Listening</b> Approx. 35–45 minutes 33% 30 marks</p> <p>The written examination consists of four exercises that test listening skills. Candidates listen to recordings of short and longer spoken texts. The task types are short answer questions, gap-fill sentences, multiple matching and multiple-choice questions. Externally assessed</p>
Six Form opportunities	Urdu is currently a requirement for those students who hope to go to Pakistan to pursue their studies and/ or careers beyond IGCSE. A good GCSE grade in Urdu will allow you to study the language further or to combine with other degree subjects.
Career opportunities	Translator, international businessman/woman. Diplomat. Travel writer, language teacher, interpreter, journalist, international Aid/Development worker, Airline services, Tourism, Event management, Publishing and Literature, Technology and Localization and many more.



# FRENCH

Course Title	French as a foreign language 0520
Level	IGCSE
Awarding Body	<b>Cambridge international</b>
Grades	A*-G
Syllabus	<a href="#">Click here to view</a>
Content Overview	<p>Everyday activities            Personal and social life            The world around us            The world of work            The international world</p>
Assessment Overview	<p>All candidates take all four papers. Candidates will be eligible for grades A* to G.</p> <p><b>Paper 1</b> Approximately 50 minutes Listening 25% 40 marks. Externally assessed.</p> <p><b>Paper 2</b> 1 hour Reading 25% 45 marks. Externally assessed.</p> <p><b>Paper 3</b> Approximately 10 minutes Speaking 25% 40 marks. Internally assessed and externally moderated</p> <p><b>Paper 4</b> 1 hour Writing 25% 45 marks. Externally assessed.</p>
Six Form opportunities	A Level French
Career opportunities	Translator, international businessman/woman. Diplomat. Travel writer, language teacher, interpreter, journalist, international Aid/Development worker, Airline services, Tourism, Event management and many more



## FIRST LANGUAGE ENGLISH

Course Title	0500- First English Language
Level	Cambridge IGCSE
Awarding Body	<i>Cambridge International</i>
Grades	A*-G
Syllabus	<a href="#">Click Here to View</a>
Assessment Overview	<p><b>Reading</b>            Demonstrate understanding of written texts, and of the words and phrases within them            Summarise and use material for a specific context            Develop, analyse and evaluate facts, ideas and opinions            Demonstrate understanding of how writers achieve their effects and influence readers            Select appropriate information for specific purposes            Recognise and respond to linguistic devices, figurative language and imagery.</p> <p><b>Writing</b>            Express what is thought, felt and imagined            Organise and convey facts, ideas and opinions effectively            Demonstrate a varied vocabulary appropriate to the context            Demonstrate an effective use of sentence structures            Demonstrate an understanding of audience, purpose and form            Demonstrate accuracy in spelling, punctuation and grammar.</p> <p><b>Speaking and Listening</b>            Describe and reflect on experience, and express what is thought, felt and imagined            Organise and convey facts, ideas and opinions effectively            Understand and convey complex ideas            Communicate with clarity, focus and purpose            Communicate appropriately for the context            Engage appropriately in conversation</p> <p><b>AO1 Reading</b>            Candidates will be assessed on their ability to:            R1 demonstrate understanding of explicit meanings            R2 demonstrate understanding of implicit meanings and attitudes            R3 analyse, evaluate and develop facts, ideas and opinions, using appropriate support from the text            R4 demonstrate understanding of how writers achieve effects and influence readers            R5 select and use information for specific purposes.</p> <p><b>AO2 Writing</b>            Candidates will be assessed on their ability to:            W1 articulate experience and express what is thought, felt and imagined            W2 organise and structure ideas and opinions for deliberate effect            W3 use a range of vocabulary and sentence structures appropriate to context            W4 use register appropriate to context</p>



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## FIRST LANGUAGE ENGLISH

W5 make accurate use of spelling, punctuation and grammar.

### A03 Speaking and Listening

Candidates will be assessed on their ability to:

SL1 articulate experience and express what is thought, felt and imagined  
 SL2 present facts, ideas and opinions in a cohesive order which sustains the audience's interest

SL3 communicate clearly and purposefully using fluent language

SL4 use register appropriate to context

SL5 listen and respond appropriately in conversation.

All candidates take all two papers. Candidates will be eligible for grades A\* to G.

### Paper 1 : Reading

(2 hours ) 50%

80 marks

Structured and extended writing questions. Questions will be based on three reading texts Externally assessed.

### Paper 2 Directed Writing and Composition

(2 hours ) 50%

80 marks

Extended writing question and a composition task Externally assessed

Six Form opportunities

A Level English Language

Career opportunities

Translator, international businessman/woman. Diplomat. Travel writer, language teacher, interpreter, journalist, international Aid/Development worker, Airline services, Tourism, Event management and many more



**SECOND ENGLISH LANGUAGE**

<b>Course Title</b>	<b>0510- English as a Second Language</b>
<b>Level</b>	Cambridge IGCSE
<b>Awarding Body</b>	<b>Cambridge International</b>
<b>Grades</b>	A*-G
<b>Syllabus</b>	<a href="#">Click here to View</a>
<b>Content Overview</b>	<p><b>Reading</b>            Demonstrate understanding of written texts, and of the words and phrases within them            Summarise and use material for a specific context            Develop, analyse and evaluate facts, ideas and opinions            Demonstrate understanding of how writers achieve their effects and influence readers            Select appropriate information for specific purposes            Recognise and respond to linguistic devices, figurative language and imagery.</p> <p><b>Writing</b>            Express what is thought, felt and imagined            Organise and convey facts, ideas and opinions effectively            Demonstrate a varied vocabulary appropriate to the context            Demonstrate an effective use of sentence structures            Demonstrate an understanding of audience, purpose and form            Demonstrate accuracy in spelling, punctuation and grammar.</p> <p><b>Speaking and Listening</b>            Describe and reflect on experience, and express what is thought, felt and imagined            Organise and convey facts, ideas and opinions effectively            Understand and convey complex ideas            Communicate with clarity, focus and purpose            Communicate appropriately for the context            Engage appropriately in conversation</p>
<b>Assessment Overview</b>	<ul style="list-style-type: none"> <li>○ <b>A01 Reading</b></li> <li>○ A01 Reading Candidates will be assessed on their ability to:</li> <li>○ R1 demonstrate understanding of specific factual information</li> <li>○ R2 demonstrate understanding of the connections between the ideas, opinions and attitudes</li> <li>○ R3 identify and select details for a specific purpose</li> <li>○ R4 demonstrate understanding of implied meaning</li> <li>○ <b>A02 Writing</b></li> <li>○ A02 Writing Candidates will be assessed on their ability to:</li> <li>○ W1 communicate information, ideas and opinions</li> <li>○ W2 organise ideas into coherent text using a range of linking devices</li> <li>○ W3 use a range of appropriate grammatical structures and vocabulary</li> <li>○ W4 use appropriate register and style for the given purpose and audience</li> </ul>



## SECOND ENGLISH LANGUAGE

	<p><b>A03 Listening</b>  A03 Listening Candidates will be assessed on their ability to:  L1 demonstrate understanding of specific information  L2 demonstrate understanding of speakers' ideas, opinions and attitudes  L3 L4 demonstrate understanding of the connections between ideas, opinions and attitudes demonstrate understanding of what is implied but not directly stated.</p> <p><b>A04 Speaking</b>  A04 Speaking Candidates will be assessed on their ability to:  S1 communicate a range of ideas, facts and opinions  S2 demonstrate control of a range of vocabulary and grammatical structures  S3 develop responses and maintain communication  S4 demonstrate control of pronunciation and intonation</p> <p><b>Paper 1</b>  <b>Reading and Writing</b> 70%  60 marks  Candidates respond to six exercises: four reading and two writing  Structured and essay style questions  Externally assessed</p> <p><b>Paper 2</b>  Approximately 50 minutes  Listening 30% 40 marks  Candidates listen to five exercises of short and longer texts Multiple-choice style questions Externally assessed</p> <p><b>Paper 3</b>  Approximately 10–15 minutes  Speaking Separately endorsed 40 marks.  Candidates take part in an interview, short talk and discussion  Internally assessed and externally moderated.</p>
Six Form opportunities	A Level English Language
Career opportunities	Translator, international businessman/woman. Diplomat. Travel writer, language teacher, interpreter, journalist, international Aid/Development worker, Airline services, Tourism, Event management and many more



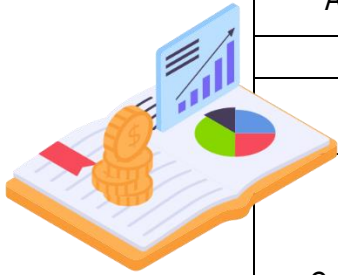
# ACCOUNTING

Course Title	Accounting 0452
Level	IGCSE
Awarding Body	<b>Cambridge international</b>
Grades	A*-G
Syllabus	<a href="https://www.cambridgeinternational.org/Images/697417-2026-2028-syllabus.pdf">https://www.cambridgeinternational.org/Images/697417-2026-2028-syllabus.pdf</a>
Content Overview	<p>Candidates study the following topics:</p> <ul style="list-style-type: none"> <li>The fundamentals of accounting</li> <li>Sources and recording of data</li> <li>Verification of accounting records</li> <li>Accounting procedures</li> <li>Preparation of financial statements</li> <li>Analysis and interpretation</li> </ul> <p>Accounting principles and policies</p>
Assessment Overview	<p>All assessments externally assessed end of year 11 May /June</p> <p>All candidates take <b>two</b> papers.</p> <p><b>Paper 1(Multiple Choice)</b> 35 marks 1 hr 15 mins (30 %)</p> <p><b>Paper 2 (Structured Written Paper)</b> 100 marks 1 hr 45 mins (70 %)</p>
Six Form opportunities	A Level Accounting
Career opportunities	<ul style="list-style-type: none"> <li>Accountant...</li> <li>Tax Accountant. ...</li> <li>Forensic Accountant. ...</li> <li>Financial Accountant. ...</li> <li>Managerial Accountant. ...</li> <li>Financial Planner. ...</li> <li>Internal Auditor. ...</li> <li>Government Accountant...</li> <li>Auditor, Banker...</li> <li>Chartered Accountant.</li> <li>Credit Analyst.</li> </ul>



## ARABIC FOREIGN LANGUAGE

Course Title	Arabic - Foreign Language 0544
Level	IGCSE
Awarding Body	<b>Cambridge international</b>
Grades	A*-G
Syllabus	<a href="#">Click here to view</a>
Content Overview	<p>The subject content is organised in five broad topic areas</p> <ul style="list-style-type: none"> <li>Everyday activities</li> <li>Personal and social life</li> <li>The world around us</li> <li>The world of work</li> <li>The international world</li> </ul>
Assessment Overview	<p>All candidates take all four papers. Candidates will be eligible for grades A* to G. All papers test Modern Standard Arabic.</p> <p><b>Paper 1 (Listening)</b> 40 marks, approximately 50 mins (25 %)</p> <p><b>Paper 2 (Reading)</b> 45 marks 1 hr (25 %)</p> <p><b>Paper 3 (Speaking)</b> 40 marks Approximately 10 mins (25 %)</p> <p><b>Paper 4 (Writing)</b> 45 marks 1 hr (25 %)</p>
Six Form opportunities	Post 16 students can opt for Arabic AS in year 12 and/or Arabic A2 in year 13.
Career opportunities	Better opportunity to work in GCC countries.



## BUSINESS STUDIES

Course Title	Business Studies 0450
Level	IGCSE
Awarding Body	<b>Cambridge international</b>
Grades	A*-G
Syllabus	<a href="https://www.cambridgeinternational.org/Images/697146-2026-syllabus.pdf">https://www.cambridgeinternational.org/Images/697146-2026-syllabus.pdf</a>
Content Overview	Candidates study the following topics: Understanding business activity People in business Marketing Operations management Financial information and decisions External influences on business activity
Assessment Overview	All assessments externally assessed end of year 11 May /June All candidates take <b>two</b> papers.  <b>Paper 1 (Theory)</b> 80 marks 1 hr 30 mins (50 %)  <b>Paper 2 (Case Study)</b> 80 marks 1 hr 30 mins (50 %)
Six Form opportunities	A Level Business
Career opportunities	Chartered management accountant Corporate investment banker Human resources officer Management consultant Operational researcher Risk manager Business analyst Financial analyst Academia (Lecturing and Teaching) Account manager Sales manager Marketing Manager Trading and many more



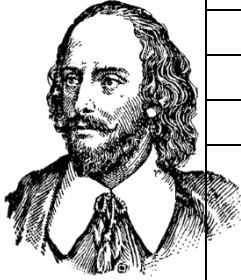
## ECONOMICS

Course Title	Economics 0455
Level	IGCSE
Awarding Body	<b>Cambridge international</b>
Grades	A*-G
Syllabus	<a href="https://www.cambridgeinternational.org/Images/697146-2026-syllabus.pdf">https://www.cambridgeinternational.org/Images/697146-2026-syllabus.pdf</a>
Content Overview	<p>Candidates study the following topics:</p> <ul style="list-style-type: none"> <li>The basic economic problem</li> <li>The allocation of resources</li> <li>Microeconomic decision makers</li> <li>Government and the macroeconomy</li> <li>Economic development</li> <li>International trade and globalisation</li> </ul>
Assessment Overview	<p>All assessments externally assessed end of year 11 May /June</p> <p>All candidates take <b>two</b> papers.</p> <p><b>Paper 1 (Multiple Choice)</b> 30 marks 45 mins (30 %)</p> <p><b>Paper 2 (Structured Questions)</b> 90 marks 2 hr 15 mins (70 %)</p>
Six Form opportunities	A Level Economics
Career opportunities	<ul style="list-style-type: none"> <li>Chartered management accountant</li> <li>Corporate investment banker</li> <li>Human resources officer</li> <li>Management consultant</li> <li>Operational researcher</li> <li>Risk manager</li> <li>Business analyst</li> <li>Financial analyst</li> <li>Academia (Lecturing and Teaching)</li> <li>Account manager</li> <li>Sales manager</li> <li>Marketing Manager</li> <li>Trading and many more</li> </ul>



## ENVIRONMENTAL MANAGEMENT

Course Title	Cambridge O Level Environmental Management (5014)
Level	IGCSE
Awarding Body	<b>Cambridge International</b>
Grades	A*-E
Syllabus	<a href="https://www.cambridgeinternational.org/Images/718208-2027-2029-syllabus.pdf">https://www.cambridgeinternational.org/Images/718208-2027-2029-syllabus.pdf</a>
Content Overview	<p>The syllabus has been restructured to present content within six thematic topic areas</p> <ul style="list-style-type: none"> <li>Rocks and Minerals and Their Exploitation</li> <li>Energy and the Environment</li> <li>Agriculture and the Environment</li> <li>Water and Its Management</li> <li>Oceans and Fisheries</li> <li>Managing Natural Hazards</li> </ul>
Assessment Overview	<p><b>Paper 1: Theory</b>            Duration: 1 hour 45 minutes            Weighting: 50% of total marks            Content:            Section A: Short and structured questions (20 marks)            Section B: Short-answer and extended response questions based on source material (60 marks)</p> <p><b>Paper 2: Management in Context</b>            Duration: 1 hour 45 minutes            Weighting: 50% of total marks            Content: Short and extended response questions based on source material (80 marks)</p>
Six Form opportunities	Cambridge International AS Level Environmental Management
Career opportunities	<p>Studying Environmental Management opens pathways to various careers, including:</p> <ul style="list-style-type: none"> <li>Environmental Consultancy</li> <li>Sustainability Officer</li> <li>Conservation and Wildlife Management</li> <li>Environmental Education and Communication</li> <li>Urban and Regional Planning</li> <li>Renewable Energy Sector Roles</li> </ul>



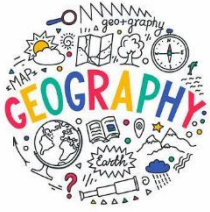
## ENGLISH LITERATURE

Course Title	English Literature
Level	IGCSE
Awarding Body	<b>Cambridge international</b>
Grades	A*-G
Syllabus	<a href="#">Click here to view</a>
Content Overview	<p>Cambridge IGCSE English literature enables learners to read, interpret and evaluate texts through the study of literature in English. Learners develop an understanding of literal meaning, relevant contexts and of the deeper themes or attitudes that may be expressed. Through their studies, they learn to recognise and appreciate the ways in which writers use English to achieve a range of effects, and will be able to present an informed, personal response to the material they have studied.</p>
Assessment Overview	<p>All candidates take two papers externally accessed</p> <p><b>Paper 1 (Prose and Poetry)</b> 50 marks, 1 hr 30 minutes (50 %)</p> <p><b>Paper 2 (Drama)</b> 50 marks, 1 hr 30 minutes (50 %)</p>
Six Form opportunities	Post 16 students can English Language, English Literature, Sociology, Psychology
Career opportunities	Law, media, Teaching, Business, Publishing, Journalism



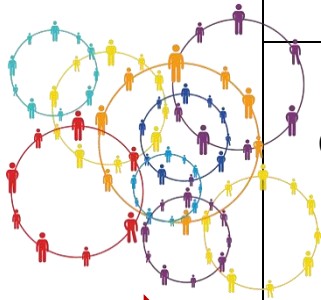
## ENTERPRISE

Course Title	Enterprise 0454
Level	IGCSE
Awarding Body	<b>Cambridge international</b>
Grades	A*-G
Syllabus	<a href="#">Cambridge IGCSE 0454 Enterprise syllabus for examination in 2026</a>
Content Overview	<p>Candidates study the following topics:</p> <ul style="list-style-type: none"> <li>Introduction to enterprise</li> <li>Setting up a new enterprise</li> <li>Enterprise skills</li> <li>Enterprise opportunities, risk, legal obligations and ethical considerations</li> <li>Negotiation</li> <li>Finance</li> <li>Business planning</li> <li>Markets and customers</li> <li>Help and support for enterprise.</li> <li>Communication.</li> </ul>
Assessment Overview	<p>Paper 1 assessments externally assessed, and Coursework will be internally assessed by end of year 11 May /June.</p> <p>All candidates take <b>two</b> papers.</p> <p><b>Paper 1 (Written paper)</b> 100 marks 1 hour 30 mins (50 %)</p> <p><b>Paper 2 (Coursework)</b> 60 marks (50 %)</p>
Six Form opportunities	A Level Business, Economics
Career opportunities	future entrepreneurs, E-commerce, Account manager, Sales manager, Marketing Manager, Trading and many more.



# GEOGRAPHY

Course Title	Cambridge IGCSE Geography (0460)
Level	IGCSE
Awarding Body	Cambridge International
Grades	A*-G
Syllabus	<a href="https://www.cambridgeinternational.org/Images/718150-2027-2029-syllabus.pdf">https://www.cambridgeinternational.org/Images/718150-2027-2029-syllabus.pdf</a>
Content Overview	<p>The syllabus is structured around three core themes:</p> <p><b>Population and Settlement</b> Explores population dynamics, migration patterns, and settlement structures.</p> <p><b>The Natural Environment</b> Covers topics such as weather, climate, rivers, coasts, and natural hazards.</p> <p><b>Economic Development</b> Examines aspects of development, industry, agriculture, and tourism.</p>
Assessment Overview	<p>All candidates are required to take three components:</p> <p><b>Paper 1: Geographical Themes</b> Duration: 1 hour 45 minutes Weighting: 45% of total marks Content: Structured questions based on the three core themes.</p> <p><b>Paper 2: Geographical Skills</b> Duration: 1 hour 30 minutes Weighting: 27.5% of total marks Content: Assesses skills in map reading, data interpretation, and analysis.</p> <p><b>Paper 3: Coursework (Centre-based assessment)</b> Weighting: 27.5% of total marks Content: A project based on fieldwork, assessing data collection and analysis skills.</p> <p><b>OR</b></p> <p><b>Paper 4: Alternative to Coursework</b> Duration: 1 hour 30 minutes Weighting: 27.5% of total marks</p>
Six Form opportunities	Edexcel Geography
Career opportunities	<p>Studying Geography equips students with analytical, research, and critical thinking skills, opening pathways to various careers, including:</p> <ul style="list-style-type: none"> <li>Urban and Regional Planning</li> <li>Environmental Consultancy</li> <li>Disaster and Emergency Management</li> <li>Geographical Information Systems (GIS) Specialist</li> <li>Cartography and Mapping</li> <li>Sustainability and Conservation Roles</li> <li>Teaching and Academic Research</li> <li>Travel and Tourism Industry</li> <li>International Development and NGOs</li> </ul>



## SOCIOLOGY

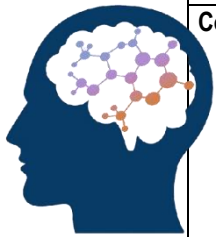
Course Title	Cambridge IGCSE Sociology 4095
Level	IGCSE
Awarding Body	Cambridge Assessment International Education (CAIE)
Grades	A* to G
Syllabus	<a href="https://www.cambridgeinternational.org/Images/744795-2028-2030-syllabus.pdf">https://www.cambridgeinternational.org/Images/744795-2028-2030-syllabus.pdf</a>
Content Overview	<p>The syllabus is structured into six main topics:</p> <p><b>Research Methods</b> – Exploration of sociological research techniques, including positivist and interpretivist approaches.</p> <p><b>Identity: Self and Society</b> – Examination of how culture, norms, values, and roles influence individual identity, including the impact of digital identities.</p> <p><b>Social Stratification and Inequality</b> – Study of societal divisions and their effects on life chances, incorporating discussions on migration, ecological issues, and colonialism.</p> <p><b>Family</b> – Analysis of family structures and their roles in society.</p> <p><b>Education</b> – Investigation into educational systems and their societal impacts.</p> <p><b>Crime, Deviance, and Social Control</b> – Understanding of criminal behavior, societal reactions, and mechanisms of control</p>
Assessment Overview	<p>The assessment comprises two written examination papers:</p> <p><b>Paper 1 (2 hours)</b> – Structured questions on core topics (50% of total marks)</p> <p><b>Paper 2 (2 hours)</b> – Source-based and structured questions on optional topics (50% of total marks)</p>
Six Form opportunities	Cambridge International AS & A Level Sociology
Career opportunities	<p>The course lays a foundation for careers in:</p> <ul style="list-style-type: none"> <li>Law</li> <li>Journalism</li> <li>Social Work</li> <li>Education</li> <li>Criminology</li> <li>Politics</li> <li>Human Resources</li> <li>Community Development</li> <li>Public Policy.</li> </ul>



## TRAVEL & TOURISM

Course Title	Travel and Tourism 0471
Level	IGCSE
Awarding Body	<i>Cambridge international</i>
Grades	A*-G
Syllabus	<a href="https://www.cambridgeinternational.org/Images/634449-2024-2026-syllabus.pdf">https://www.cambridgeinternational.org/Images/634449-2024-2026-syllabus.pdf</a>
Content Overview	<p><b>Candidates study the following topics:</b></p> <ul style="list-style-type: none"> <li>Introduction to the main travel and tourism definitions and concepts</li> <li>Global tourism</li> <li>Travel and tourism organisations</li> <li>Customer service</li> <li>Destination marketing</li> </ul>
Assessment Overview	<p>All assessments externally assessed end of year 11 May /June</p> <p>All candidates take <b>two</b> papers.</p> <p><b>Paper 1 (Key Terms and Concepts)</b> 80 marks 1 hr 30 mins (50 %)</p> <p><b>Paper 2 (Managing and Marketing Destinations)</b> 80 marks 2 hrs (50 %)</p>
Career opportunities	<ul style="list-style-type: none"> <li>Travel Consultant/Agent</li> <li>Tour Operator</li> <li>Tour Guide</li> <li>Airline Staff (Ground or Cabin Crew)</li> <li>Cruise Line Staff</li> <li>Hotel Management</li> <li>Travel Blogger/Vlogger</li> <li>Event and Conference Planner</li> <li>Destination Manager</li> </ul>

## PEARSON EDEXCEL SUBJECTS



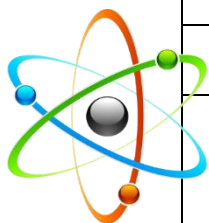
# PSYCHOLOGY

Course Title	Psychology 1PS0
Level	GCSE
Awarding Body	<b>Pearson Edexcel</b>
Grades or Numbers	9-1
Syllabus	<a href="https://qualifications.pearson.com/content/dam/pdf/GCSE/Psychology/GCSE-Psychology-draft-specification.pdf">https://qualifications.pearson.com/content/dam/pdf/GCSE/Psychology/GCSE-Psychology-draft-specification.pdf</a>
Content Overview	<p><b>Compulsory topics</b></p> <p>Topic 1: Development – How did you develop?            Topic 2: Memory – How does your memory work?            Topic 3: Psychological problems – How would psychological problems affect you?            Topic 4: The brain and neuropsychology – How does your brain affect you?            Topic 5: Social influence – How do others affect you?</p> <p><b>Optional topics</b></p> <p>Topic 6: Criminal psychology – Why do people become criminals?            Topic 7: The self – What makes you who you are?            Topic 8: Perception – How do you interpret the world around you?            Topic 9: Sleep and dreaming – Why do you need to sleep and dream?            Topic 10: Language, thought and communication – How do you communicate with others?            Topic 11: Research methods – How do you carry out psychological research?</p>
Assessment Overview	<p>The Pearson Edexcel Level 1/Level 2 GCSE (9–1) in Psychology consists of two externally-examined papers.            Students must complete all assessment in May/June in any single year.</p> <p>All candidates take <b>two</b> papers.</p> <p><b>Paper 1 (1PS0/01)</b>            98 marks 1 hr 45 mins (55 %)</p> <p><b>Paper 2 (1PS0/02)</b>            79 marks 1 hr 20 mins (45 %)</p>
A-Level Progression	A-Level in Psychology
Career Opportunities	<p>Psychologist.            Psychotherapist.            Social worker.            Counselor.            Educational psychologist.            Human resource manager.            Teacher.            Research roles.            Outpatient Care Center Psychologist.            Industrial-Organizational Psychologist.            Forensic Psychologist.            Military Psychologist.            Psychiatrist.</p>



# BIOLOGY

<b>Course Title</b>	OxfordAQA International GCSE Biology (9201)
<b>Awarding Body</b>	<b>OXFORD INTERNATIONAL AQA</b>
<b>Grades or Numbers Grade</b>	A* - G
<b>Syllabus</b>	<a href="https://www.oxfordaqa.com/qualifications/international-gcse-biology/">https://www.oxfordaqa.com/qualifications/international-gcse-biology/</a>
<b>Content Overview</b>	<p>Organisation            Bioenergetics            Ecology            Organisms' interaction with the environment            Inheritance            Variation and evolution.</p>
<b>Assessment Overview</b>	<p>Oxford AQA International GCSE Biology is linear, with two question papers to be taken in the same examination series.</p> <p><b>PAPER 1</b>            (Code: 9201/1)  <b>Written Examination:</b> 1 Hour 30 Minutes            50% of the qualification            90 Marks            Structured and open questions.</p> <p><b>PAPER 2</b>            (Code: 9201/2)  <b>Written Examination:</b> 1 Hour 30 Minutes            50% of the qualification            90 Marks            Structured and open questions.</p>
<b>Career Opportunities</b>	<p>Biological Sciences, Biomedical Sciences, Medicine, Dentistry, Veterinary Science, Biotechnology, Bioengineering, Pharmacology, Pharmacy, Environmental Science, Research Scientist, Healthcare Professional, Environmental Consultant, Forensic Scientist, Biotech Industry Roles, Pharma Industry Roles, Science Teacher, Agricultural Scientist, Food Scientist, Public Health Analyst, Genetic Counselor, Marine Biologist, Zoologist, Immunologist, Pathologist.</p>

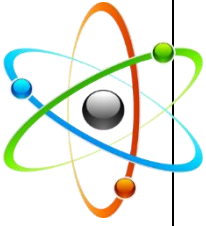


## COMBINED SCIENCE

<b>Course Title</b>	<b>Oxford AQA International GCSE Combined Science Double Award (9204)</b>
<b>Awarding Body</b>	<b>Oxford International AQA Examination</b>
<b>Grades or Numbers Grade</b>	A* - G
<b>Syllabus Click here to view</b>	<a href="https://www.oxfordaqa.com/qualifications/international-gcse-combined-science/">https://www.oxfordaqa.com/qualifications/international-gcse-combined-science/</a>
<b>Content Overview</b>	<p><b>Biology</b></p> <ul style="list-style-type: none"> <li>3.1 Organisation</li> <li>3.2 Bioenergetics</li> <li>3.3 Ecology</li> <li>3.4 Organisms' interaction with the environment</li> <li>3.5 Inheritance</li> <li>3.6 Variation and evolution</li> </ul> <p><b>Chemistry</b></p> <ul style="list-style-type: none"> <li>3.7 Atomic structure and the periodic table</li> <li>3.8 Structure, bonding and the properties of matter</li> <li>3.9 Chemical changes</li> <li>3.10 Chemical analysis</li> <li>3.11 Acids, bases and salts</li> <li>3.12 Quantitative chemistry</li> <li>3.13 Trends within the periodic table</li> <li>3.14 The rate of chemical change</li> <li>3.15 Energy changes</li> <li>3.16 Organic chemistry</li> </ul> <p><b>Physics</b></p> <ul style="list-style-type: none"> <li>3.17 Forces and their effects</li> <li>3.18 Energy</li> <li>3.19 Waves</li> <li>3.20 Particle model of matter</li> <li>3.21 Electricity and magnetism</li> <li>3.22 Electricity and household use</li> <li>3.23 Nuclear physics</li> <li>3.24 Space physics</li> </ul>
<b>Assessment Overview</b>	<p>Oxford AQA International GCSE Combined Science is a linear qualification, with question papers to be taken in the same examination series.</p> <p><b>PAPER 1- Biology</b>            (Extended Code: 9204/BE Core Code:9204/BC)  <b>Written Examination:</b> 1 Hour 45 Minutes            33% of the qualification            100 Marks            Structured and open questions.</p> <p><b>Paper 2 – Chemistry:</b>            Any part of the Chemistry section of the specification may be assessed</p>

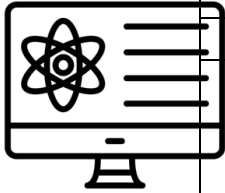


# The Oxford School



## COMBINED SCIENCE

	<p>1 hour 45 minutes 100 marks 33% of GCSE Structured and open questions.</p> <p><b>Paper 3 – Physics:</b> Any part of the Physics section of the specification may be assessed 1 hour 45 minutes 100 marks 33% of GCSE</p>
<p><b>Career Opportunities</b></p>	<p>Biological Sciences, Chemistry, Physics, Environmental Science, Biomedical Sciences, Engineering, Health and Social Care, Nursing, Pharmacy Technician, Laboratory Technician, Science Teacher (with further study), Radiography, Forensic Science, Sports Science, Agriculture, Marine Biology, Veterinary Nursing, Nutrition, Public Health, Renewable Energy Technician, Science Communication.</p> <p>Chemical Technician, Lab Technician, Forensic Scientist, Environmental Scientist, Quality Control Analyst, Pharmacist, Chemical Engineer, Biomedical Scientist, Chemist Research.</p> <p>Studying Combined Science with a focus on Physics can lead to careers in engineering, renewable energy, space and aviation, technology, healthcare (like radiography), and teaching. It builds strong problem-solving and analytical skills useful in many fields.</p>



## COMPUTER SCIENCE

<b>Course Title</b>	International GCSE Computer Science (9210)
<b>Awarding Body</b>	<b>Oxford AQA International Qualifications</b>
<b>Grades or Numbers Grade</b>	Graded on a 9–1 scale, with 9 being the highest.
<b>Syllabus Click here to view</b>	<a href="#">AQA   Computer Science   GCSE   GCSE Computer Science</a>
<b>Content Overview</b>	<p><b>Paper 1: Computational Thinking and Programming Skills</b>            Topic 1 – Fundamentals of Algorithms            Topic 2 – Programming Concepts            Topic 3 – Producing Robust Programs            Topic 4 – Boolean Logic            Topic 5 – Programming Techniques</p> <p><b>Paper 2: Computing Concepts</b>            Topic 1 – Data Representation            Topic 2 – Computer Systems            Topic 3 – Computer Networks            Topic 4 – Cyber Security            Topic 5 – Relational Databases and SQL            Topic 6 – Ethical, Legal, and Environmental Impacts</p>
<b>Assessment Overview</b>	<p><b>Paper 1: Computational Thinking and Programming Skills</b>  <b>Duration:</b> 2 hours  <b>Marks:</b> 90  <b>Weighting:</b> 50% of GCSE  <b>Content:</b> Focuses on computational thinking, code tracing, problem-solving, and programming concepts.  <b>Question Types:</b> Multiple choice, short answer, and longer answer questions.</p> <p><b>Paper 2: Computing Concepts</b>  <b>Duration:</b> 1 hour 45 minutes  <b>Marks:</b> 90  <b>Weighting:</b> 50% of GCSE  <b>Content:</b> Covers data representation, computer systems, networks, cyber security, databases, and the ethical/legal/environmental impacts of digital technology.  <b>Question Types:</b> Multiple choice, short answer, longer answer, and extended response questions</p>
<b>Career Opportunities</b>	Software Developer/Programmer, Data Analyst/ Data Scientist, Cyber Security Specialist, Network Administrator / IT Technician, Game Developer, Hardware Engineer / Embedded Systems Developer



## COURSE TITLE: BTEC BUSINESS LEVEL 2

### COURSE DESCRIPTION

The Pearson BTEC International Level 2 Certificate qualifications in Business have been designed to address the needs of Level 2 learners (GCSE) in key areas, including interpersonal skills and customer service. They are specialist work-related qualifications, combining practical learning with subject and theory content.

- Specialist areas include:
- Finance, both personal and business, together with bookkeeping, which supports development of basic financial principles
- Working in business teams and team leading
- Business support or administration, which supports development of practical administration skills including office systems and equipment, meeting support and filing systems
- Personal selling, which helps learners to understand the personal selling process
- Aspects of business online and how this can support businesses to develop opportunities
- Aspects of retailing such as promoting, branding and visual merchandising
- Consumer rights
- Business ethics |



# BTEC BUSINESS (L2)

### KEY INFORMATION

Minimum total Notional Learning hours (NLH)	150 (including 90 Guided Learning Hours (GLH))
Assessment	This qualification is internally assessed.
Unit grading information	Pass/Merit/Distinction
Overall qualification grading information	Pass/Merit/Distinction/Distinction*

### HOW WILL THE COURSE BE ASSESSED?

Unit	Weighting	Assessment	Content
1. Business processes 2. Business Organisations 3. TBC*3	Each unit is worth 33.3% of the total grade	Continuous Assessments for all units	All Units

Unit 3 will be selected from a range of options during the course of the two years by the BTEC team.

### FURTHER OPPORTUNITIES

This qualification is designed for learners who wish to explore a work-related vocational qualification or specific industry area.

International Level 2 BTEC offers learners the knowledge, understanding and skills that they need to prepare for employment.

On successful completion of a Pearson BTEC International Level 2 qualification, learners can progress to continued study in the same or related vocational area and/or within employment. Students will gain experience in real business that can lead to apprenticeships and internships within businesses.



## COURSE TITLE: BTEC SPORT LEVEL 2



### COURSE DESCRIPTION

**BTEC SPORT (L2)**

BTEC International Level 2 Award in sport. First being taught in September 2022.

The Pearson BTEC International Level 2 qualifications in Sport have been designed to support initial progression to roles in sport, for example, sports coaching, fitness training and testing, sports nutrition, planning and leading sports events. In addition to the sector-specific content available in these qualifications, the requirements mean that learners develop the transferable skills needed to progress to further education or employment.

The qualification supports progression to further study at Level 3/pre-tertiary education as part of a programme of study that includes BTEC International Level 3 qualifications and/or International A levels.

### HOW WILL THE COURSE BE ASSESSED?

There are 2 mandatory units, which includes 1 internal unit and 1 set assignment unit. Learners must complete and achieve a Pass or above in all mandatory units.

Optional Units: Learners must complete 1 optional unit.

Unit Number	Unit title	GLH	Type	How assessed
<b>Mandatory units – learners complete and achieve all units</b>				
1	Principles of Fitness and Fitness testing	30	Mandatory	Set assignment
5	Practical Sport	60	Mandatory	Internal
<b>Optional units learners must complete 1 optional unit</b>				
2	Training for personal fitness	30	Optional	Set assignment
7	Anatomy and Physiology for Sport	30	Optional	Internal
8	Sports related injuries and illness	30	Optional	Internal

### FURTHER OPPORTUNITIES

- These qualifications support progression to further study in sport, for example, courses in:
- Sports Nutrition
- Planning and leading sports events
- Sports Nutrition
- Planning and leading sports events