

2023-2025



SCAN ME



"Better Education for a Better World"

**THE
OXFORD
SCHOOL**

**IGCSE
OPTIONS
BOOKLET**

A Guide to IGCSE Choices



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

EXCELLENCE
The highest expectations, all day, every day

CREATIVITY
The big idea happens here

Treat others as you would like to be treated

RESPECT

COLLABORATION
Together we can succeed

HONESTY
Say what you mean,
mean what you say



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Dear Students

Our aim at The Oxford School is to provide each and every one of our learners with a broad and balanced curriculum that is tailored to the individual's needs and contains a range of possibilities and opportunities for their education Post-16 and beyond.

The Key Stage 4 courses and the way in which they are taught at Oxford are designed to best equip your child for their future. We have provided a variety of choice to give a broad and balanced offer of subjects resulting in internationally recognised qualifications.

You will have 5 option blocks available to you during this process, alongside our compulsory subjects of English, Maths, Science(minimum one). The pathways have been designed to ensure that students meet all aspects of the Cambridge Curriculum, English National Curriculum, as well as the MOE curriculum. They provide students with the opportunity to follow an English Baccalaureate pathway, whilst other students can follow the General Pathway. All students will be provided with the opportunity to achieve high IGCSE grades which will give 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 important that you conduct your own 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 that you are good at. This will give you the best possible start to your IGCSE courses and your future education.

Good luck in making your choices, and I wish you all every success throughout the next steps in your educational journey!



COMPULSORY SUBJECTS

As a school operating in UAE, but offering a UK Curriculum, we take account both UK requirements and the requirements of KHDA & Ministry of Education. As such, each student must follow a series of compulsory subjects, as below.

Ministry of Education (MoE) Curriculum:

As per Ministry of Education regulation, the following subjects are compulsory.

- U.A.E. Arabic Ministry Syllabus (Up to year 13 it is compulsory for Arab students; others till 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 placed the remaining subjects into option blocks. This is partly to ensure that we can offer a wide choice of courses, but also so that we ensure students meet the minimum requirements of the International Secondary School Equivalency Certificate (IGCSE).



PATHWAYS

At Oxford, every child matters and we are aware that all students have different needs when it comes to education. With that in mind, we have offer 2 distinct pathways for students to follow to support their progression towards A Level and University.

1.EBacc Pathway

2. General Pathway

All pathways are designed to support progression into A Level and beyond. It is important that you pick a pathway you can succeed in. The criteria for each pathway is clear and this will be monitored internally. If we have any concerns we will then invite you to a meeting to explore your option choices further.

*** If you wish to discuss a pathway please speak to the career counsellor, head of secondary and head of subject who can support you.**



EBacc PATHWAYS

The Ebacc is a made up of subjects that keeps young people's options open for further study at top universities in the UK and beyond. The EBacc qualification is highly regarded and the combination of these subjects is something that appeals to both post-16 colleges and universities. This pathway is designed for students who aspire to the world's top universities and requires study of the following IGCSEs (minimum):

1. English language and English Literature
2. Mathematics.
3. All 3 sciences: Chemistry, Physics, and Biology.
4. Geography.
5. A Modern Foreign Language, e.g., French, Urdu. Students must achieve an A* - C grade in these subjects.

GENERAL PATHWAYS

This pathway gives students the opportunity to focus on a range of subject areas across the curriculum. Students can opt for the English Baccalaureate if they focus on Language and Humanities, but it is not essential.

In accordance with Ministerial Decree No. (883) of 2019, for all students writing IGCSE, minimum one science subject is compulsory. **(Physics / Chemistry / Biology / Combined Science)**



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IGCSE OPTION FORM

| Compulsory Subjects | Option 1 | Option 2 | Option 3 | Option 4 | Option 5 |
|---|-------------------------|---------------------------------|---------------------------|------------------------------|----------------------------|
| Mathematics (CAIE) | Physics (CAIE) | Chemistry (CAIE) | Biology (CAIE) | Sociology (CAIE) | *English Literature (CAIE) |
| English Language First Language or Second Language (CAIE) | Combined Science (CAIE) | Business Studies (CAIE) | Economics (CAIE) | ICT (CAIE) | Art & Design (CAIE) |
| | | Environmental Management (CAIE) | Travel and Tourism (CAIE) | Computer Science (CAIE) | Arabic Foreign Language |
| | | Enterprise (CAIE) | Urdu (CAIE) | Physical Education (EdExcel) | Accounting (CAIE) |
| | | French (EdExcel) | Geography (EdExcel) | | Psychology (EdExcel) |

*Benchmark entry test required for English Literature.

| Compulsory Subjects | Option 1 | Option 2 | Option 3 | Option 4 | Option 5 |
|---------------------|----------|----------|----------|----------|----------|
| Mathematics (CAIE) | | | | | |
| ESL or FLE (CAIE) | | | | | |

Students Full Name.....

Parent / Guardian Name.....

Email.....

Mobile.....

Note:

- Students should select a minimum of 1 science subject (Biology, Chemistry, Physics, Combined Science)
- Subject choices once chosen cannot be changed at a later stage.
- Subject options may not be available if student registrations for that subject are less than 20.
- Please not subjects will be offered only if the student secures a minimum of C grade in the current year.

5



MAKING YOUR CHOICES

Before making your choices, you should consider the implications of your chosen subjects on 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 at a later date.

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

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 with regards to University options, please speak to our Career Counselor.



ATTAINMENT 8

The UK Government have introduced a new progress measure for schools and their students called **Attainment 8**. This is a measure of a student's performance across their best 8 subjects, and as such it will now be much more important to have high grades in 8 subjects than lower grades in a greater number of subjects. In addition to this, the 8 subjects must be comprised of the following:

- English
- Maths
- 3 Ebacc Subjects (Physics, Chemistry, Biology, Combined Science, Geography, French, Urdu).
- 3 further IGCSEs in any subjects.

SHAHADAT AL-THANAWIYA AL - AMMA

The Shahadat Al-Thanawiya Al - Amma or 'Secondary School Leaving Certificate' is a student's evidence that they have successfully 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.



HOW TO OBTAIN EQUIVALENCY

Students who intend to obtain 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 2 Advanced (A) Level in Year 13 at Grade D or better
- 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 learners:

- 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(below).

| No. | Subject | No. | Subject |
|-----|-------------------------|-----|---------------------------|
| 1 | English Language | 12 | Computing |
| 2 | Mathematics | 13 | Sociology |
| 3 | Physics | 14 | Dietetics (Food) & Health |
| 4 | Chemistry | 15 | English Literature |
| 5 | Biology | 16 | Genetics |
| 6 | Geology | 17 | History |
| 7 | General Science | 18 | Geography |
| 8 | Economics | 19 | Psychology |
| 9 | French Language | 20 | Information Technology |
| 10 | Business Administration | 21 | Arts & Design |
| 11 | Accountancy | | |

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

Any student who has studied in the UAE for his/her final Secondary School Years (Year 10/Grade 9 onwards) is advised to make all appropriate efforts to achieve the Shahadat 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, it will be their intention to study at University in a non-Arab country, such as the UK, Canada or the USA. It is clear that 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-Thawasiya 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-Thawasiya 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 (ie those working in the armed forces or Ministry Departments such as Labour, Interior or Education) must have the Shahadat Al-Thawasiya Al-Amma.



CAMBRIDGE CURRICULUM SUBJECTS



CAMBRIDGE
International Examinations

Cambridge International School



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MATHEMATICS

| | |
|---------------------------------|---|
| Course Title | Mathematics 0580 |
| Level | IGCSE |
| Awarding Body | Cambridge International  |
| Grades or Numbers | A* - G |
| Syllabus | Click here to view |
| Content Overview | <ul style="list-style-type: none"> • Number • Algebra • Shape and space • Probability and statistics |
| Assessment Overview | <p>All candidates take two components.</p> <p>Core assessment</p> <p>Paper 1 (Core) - 56 marks, 1 hr (35 %)</p> <p>Paper 3 (Core) - 104 marks, 2 hrs (65 %)</p> <p>Extended Assessment</p> <p>Paper 2 (Extended) - 70 marks, 1 hr 30 mins (35 %)</p> <p>Paper 4 (Extended) - 130 marks, 2 hr 30 mins (65 %)</p> |
| Sixth 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 |

ENGLISH

| | |
|---------------------------------|--|
| Course Title | English - First Language 0500 |
| Level | IGCSE |
| Awarding Body | Cambridge International  |
| Grades or Numbers | Grade A* - G |
| Syllabus | Click here to view |
| Content Overview | <ul style="list-style-type: none"> Cambridge IGCSE First Language English offers candidates the opportunity to respond with understanding to a rich array of reading texts during the course as a whole. Candidates will use these texts to inform and inspire their own writing, and write in a range of text types for different purposes and audiences. Candidates will develop both their speaking and their listening skills, delivering a presentation, and responding to questions and engaging in conversations. Candidates are encouraged to become appreciative and critical readers, writers, speakers and listeners. |
| Assessment Overview | <p>All assessments externally assessed end of year 11 May / June All candidates take two papers. Candidates will be eligible for grades A* to G.</p> <p>Paper 1 (Reading) 80 marks, 2 hr (50 %)</p> <p>Paper 2 (Directed Writing & Comprehension) 80 marks, 2 hr (50 %)</p> |
| Sixth Form Opportunities | English Language, English Literature, media studies, sociology, psychology, History |
| Career Opportunities | Law, Media, Teaching, Business, Publishing, Writing, Speech Therapy, Journalism, Public Relations, Lexicography and more |



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ENGLISH

| | | | | | | | | | | |
|-----------------------------|---|-----------------------------|-----------------|--------|---------------------|-------------------|--------|--------------------|--------------------------------------|--|
| Course Title | English as a Second Language 0510 | | | | | | | | | |
| Level | IGCSE | | | | | | | | | |
| Awarding Body | Cambridge International  | | | | | | | | | |
| Grades or Numbers | Grade A* - G | | | | | | | | | |
| Syllabus | Click here to view | | | | | | | | | |
| Content Overview | <ul style="list-style-type: none">• Cambridge IGCSE English as a Second Language offers learners the opportunity to develop practical communication skills in reading, writing, listening and speaking. Learners will be presented with a variety of texts that will build up their skills in reading and writing. They will learn to select relevant details, understand the difference between what is directly stated and implied, and practise writing for different purposes and audiences.• Learners will listen to a range of spoken material, including talks and conversations, to develop listening skills.• Learners will engage in conversations on a variety of topics and develop their skills in responding to different situations and audiences with a degree of accuracy and clarity.• Cambridge IGCSE English as a Second Language will enable learners to become independent users of English both to support further study and to communicate effectively in a variety of practical contexts. | | | | | | | | | |
| Assessment Overview | <p>All assessments externally assessed end of year 11 May / June All candidates take three papers.</p> <table><tr><td>Paper 1 (Reading & Writing)</td><td>60 marks, 2 hrs</td><td>(70 %)</td></tr><tr><td>Paper 2 (Listening)</td><td>40 marks, 50 mins</td><td>(30 %)</td></tr><tr><td>Paper 3 (Speaking)</td><td>40 marks, 10 - 15 mins approximately</td><td></td></tr></table> | Paper 1 (Reading & Writing) | 60 marks, 2 hrs | (70 %) | Paper 2 (Listening) | 40 marks, 50 mins | (30 %) | Paper 3 (Speaking) | 40 marks, 10 - 15 mins approximately | |
| Paper 1 (Reading & Writing) | 60 marks, 2 hrs | (70 %) | | | | | | | | |
| Paper 2 (Listening) | 40 marks, 50 mins | (30 %) | | | | | | | | |
| Paper 3 (Speaking) | 40 marks, 10 - 15 mins approximately | | | | | | | | | |
| Sixth Form Opportunities | English Language, English Literature, media studies, sociology, psychology, History | | | | | | | | | |
| Career Opportunities | Law, Media, Teaching, Business, Publishing, Writing, Advertising, Marketing, Public Relations and more. | | | | | | | | | |




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PHYSICS

| | |
|--------------------------|--|
| Course Title | Physics 0625 |
| Level | IGCSE |
| Awarding Body | Cambridge International  |
| Grades or Numbers | Grade A* - G |
| Syllabus | Click here to view |
| Content Overview | <p>Candidates study the following topics:</p> <ul style="list-style-type: none"> • Motion, forces and energy • Thermal physics • Waves • Electricity and magnetism • Nuclear physics • Space physics |
| Assessment Overview | <p>All assessments externally assessed end of year 11 May / June All candidates take three papers.</p> <p>Core Assessment (C to G)</p> <p>Paper 1 (Multiple Choice) 40 marks, 45 mins (30 %) Paper 3 (Theory) 80 marks, 1 hr 15 mins (50 %) Paper 5 (Practical) 40 marks, 1 hr 15 mins (20 %) (or) Paper 6 (Alternate to Practical) 40 marks, 1 hr (20 %)</p> <p>Extended Assessment (A* to G)</p> <p>Paper 2 (Multiple Choice) 40 marks, 45 mins (30 %) Paper 4 (Theory) 80 marks, 1 hr 15 mins (50 %) Paper 5 (Practical) 40 marks, 1 hr 15 mins (20 %) (or) Paper 6 (Alternate to Practical) 40 marks, 1 hr (20 %)</p> |
| Sixth Form Opportunities | A level Physics A level Mathematics B-Tech Engineering (subject to approval) |
| Career Opportunities | Engineering , Medical Physics, Architecture, Physicists, Scientist, Nuclear Science, Astronomy and more |





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C H E M I S T R Y

| | |
|--------------------------|--|
| Course Title | Chemistry 0620 |
| Level | IGCSE |
| Awarding Body | Cambridge International  |
| Grades or Numbers | Grade A* - G |
| Syllabus | Click here to view |
| Content Overview | <p>Candidates study the following topics:</p> <ul style="list-style-type: none"> • States of matter • Atoms, elements and compounds • Stoichiometry • Electrochemistry • Chemical energetics • Chemical reactions • Acids, bases and salts • The Periodic Table • Metals • Chemistry of the environment • Organic chemistry • Experimental techniques and chemical analysis |
| Assessment Overview | <p>All assessments externally assessed end of year 11 May / June All candidates take three papers.</p> <p>Core Assessment (C to G)</p> <p>Paper 1 (Multiple Choice) - 40 marks, 45 mins (30 %) Paper 3 (Theory) - 80 marks, 1 hr 15 mins (50 %) Paper 5 (Practical) - 40 marks, 1 hr 15 mins (20 %) (or) Paper 6 (Alternate to Practical) - 40 marks, 1 hr (20 %)</p> <p>Extended Assessment (A* to G)</p> <p>Paper 2 (Multiple Choice) - 40 marks, 45 mins (30 %) Paper 4 (Theory) - 80 marks, 1 hr 15 mins (50 %) Paper 5 (Practical) - 40 marks, 1 hr 15 mins (20 %) (or) Paper 6 (Alternate to Practical) - 40 marks, 1 hr (20 %)</p> |
| Sixth Form Opportunities | <p>A level Chemistry</p> <p>B-Tech Engineering (subject to approval)</p> |
| Career Opportunities | <p>Chemical engineering, Medicine, Dentistry, Textile Chemist, Food Chemist, Forensic, Agriculture, Drug Designing and many more.</p> |

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BIOLOGY

| | |
|---------------------|--|
| Course Title | Biology 0610 |
| Level | IGCSE |
| Awarding Body | Cambridge International  |
| Grades or Numbers | Grade A* - G |
| Syllabus | Click here to view |
| Content Overview | <p>Candidates study the following topics:</p> <ul style="list-style-type: none"> • Characteristics and classification of living organisms • Organisation of the organism • Movement into and out of cells • Biological molecules • Enzymes • Plant nutrition • Human nutrition • Transport in plants • Transport in animals • Diseases and immunity • Gas exchange in humans • Respiration • Excretion in humans • Coordination and response • Drugs • Reproduction • Inheritance • Variation and selection • Organisms and their environment • Human influences on ecosystems • Biotechnology and genetic modification |
| Assessment Overview | <p>All assessments externally assessed end of year 11 May / June All candidates take three papers.</p> <p>Core Assessment (C to G)</p> <p>Paper 1 (Multiple Choice) - 40 marks, 45 mins (30 %) Paper 3 (Theory) - 80 marks, 1 hr 15 mins (50 %) Paper 5 (Practical) - 40 marks, 1 hr 15 mins (20 %) (or) Paper 6 (Alternate to Practical) - 40 marks, 1 hr (20 %)</p> <p>Extended Assessment (A* to G)</p> <p>Paper 2 (Multiple Choice) - 40 marks, 45 mins (30 %) Paper 4 (Theory) - 80 marks, 1 hr 15 mins (50 %) Paper 5 (Practical) - 40 marks, 1 hr 15 mins (20 %) (or) Paper 6 (Alternate to Practical) - 40 marks, 1 hr (20 %)</p> |



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BIOLOGY

| | |
|---------------------------------|---|
| Sixth Form Opportunities | IAL Biology IAL Psychology |
| Career Opportunities | Doctor, Dentist, Healthcare Professional, Nurse, Genetic Counsellor, Researcher, Biotechnologist, Microbiologist, Nanotechnologist, Pharmacologist, Zoologist, Biomedical Engineer, Patent Law Officer and more |



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SCIENCE

| | |
|-------------------|--|
| Course Title | Combined Science 0653 |
| Level | IGCSE |
| Awarding Body | Cambridge International  |
| Grades or Numbers | Grade A* - G |
| Syllabus | Click here to view |
| Content Overview | <p>The subject content is divided into three sections: Biology (B1-B12), Chemistry (C1-C12) and Physics (P1-P6). Candidates must study all three sections.</p> <p>Biology</p> <ul style="list-style-type: none"> • B1 Characteristics of living organisms • B2 Cells • B3 Biological molecules • B4 Enzymes • B5 Plant nutrition • B6 Animal nutrition • B7 Transport • B8 Gas exchange and respiration • B9 Coordination and response • B10 Reproduction • B11 Organisms and their environment • B12 Human influences on ecosystems <p>Chemistry</p> <ul style="list-style-type: none"> • C1 The particulate nature of matter • C2 Experimental techniques • C3 Atoms, elements and compounds • C4 Stoichiometry • C5 Electricity and chemistry • C6 Energy changes in chemical reactions • C7 Chemical reactions • C8 Acids, bases and salts • C9 The Periodic Table • C10 Metals • C11 Air and water • C12 Organic chemistry <p>Physics</p> <ul style="list-style-type: none"> • P1 Motion • P2 Work, energy and power • P3 Thermal physics • P4 Properties of waves, including light and sound • P5 Electrical quantities • P6 Electric circuits |



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All assessments externally assessed end of year 11 May / June

All candidates take **three** papers.

Core Assessment (C to G)

Paper 1 (Multiple Choice) 40 marks, 45 mins (30 %)

Paper 3 (Theory) 80 marks, 1 hr 15 mins (50 %)

Paper 5 (Practical) 40 marks, 1 hr 15 mins (20 %)

(or)

Paper 6 (Alternate to Practical) 40 marks, 1 hr (20 %)

Extended Assessment (A* to G)

Paper 2 (Multiple Choice) 40 marks, 45 mins (30 %)

Paper 4 (Theory) 80 marks, 1 hr 15 mins (50 %)

Paper 5 (Practical) 40 marks, 1 hr 15 mins (20 %)

(or)

Paper 6 (Alternate to Practical) 40 marks 1 hr (20 %)

Assessment Overview

Sixth Form Opportunities

- Further study in the field of Science
- Btec Engineering
- Level 3 study

Career Opportunities

Medicine, Dentistry, Chemical Engineering, Pharmacy, Science teacher, Forensic Science, Civil Engineering, Astrophysics, Mechanical Engineering, Automotive Engineering, Computer Science, Optometry, Occupational Therapy, Radiography, Research Science.



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Information and Communication Technology 0417

Level

IGCSE

Awarding Body

Cambridge International



Grades or Numbers

Grade A* - G

Syllabus

[Click here to view](#)

Content Overview

Candidates study the following topics:

- 1 Types and components of computer systems
- 2 Input and output devices
- 3 Storage devices and media
- 4 Networks and the effects of using them
- 5 The effects of using IT
- 6 ICT applications
- 7 The systems life cycle
- 8 Safety and security
- 9 Audience
- 10 Communication
- 11 File management
- 12 Images
- 13 Layout
- 14 Styles
- 15 Proofing
- 16 Graphs and charts
- 17 Document production
- 18 Databases
- 19 Presentations
- 20 Spreadsheets
- 21 Website authoring

Assessment Overview

All assessments externally assessed end of year 11 May / June

All candidates take **three** papers.

| | | |
|---------------------|------------------------|--------|
| Paper 1 (Theory) | 80 marks, 1 hr 30 mins | (40 %) |
| Paper 2 (Practical) | 70 marks, 2 hr 15 mins | (30 %) |
| Paper 3 (Practical) | 70 marks, 2 hr 15 mins | (30 %) |



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ICT

| | |
|---------------------------------|---|
| Sixth Form Opportunities | IAL Infomartion Technology IAL Computer Science |
| Career Opportunities | <ul style="list-style-type: none">• Applications programmer• Information systems manager• Database administrator• Multimedia programmer• Software engineer• Systems analyst• Systems designer |



| | |
|--------------------------|---|
| Course Title | Computer Science 0478 |
| Level | IGCSE |
| Awarding Body | Cambridge International  |
| Grades or Numbers | Grade A* - G |
| Syllabus | Click here to view |
| Content Overview | <p>Candidates study the following topics:</p> <p>Computer systems</p> <ul style="list-style-type: none">• Data representation• Data transmission• Hardware• Software• The internet and its uses• Automated and emerging technologies <p>Algorithms, programming and logic</p> <ul style="list-style-type: none">• Algorithm design and problem-solving• Programming• Databases• Boolean logic |
| Assessment Overview | <p>All assessments externally assessed end of year 11 May / June All candidates take two papers.</p> <p>Paper 1(Computer Systems) Theory 75 marks 1 hr 45 mins (50 %)</p> <p>Paper 2 (Algorithm, Programming and Logic) Theory 80 marks 1 hr 15 mins (50 %)</p> |
| Sixth Form Opportunities | IAL Information Technology IAL Computer Science |
| Career Opportunities | Engineering, financial and resource management, multimedia, games design, science and medicine. |



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ACCOUNTING

| | |
|---------------------------------|--|
| Course Title | Accounting 0452 |
| Level | IGCSE |
| Awarding Body | Cambridge International  |
| Grades or Numbers | Grade A* - G |
| Syllabus | Click here to view |
| Content Overview | <p>Candidates study the following topics:</p> <ul style="list-style-type: none"> • The fundamentals of accounting • Sources and recording of data • Verification of accounting records • Accounting procedures • Preparation of financial statements • Analysis and interpretation • Accounting principles and policies |
| Assessment Overview | <p>All assessments externally assessed end of year 11 May / June All candidates take two papers.</p> <p>Paper 1 (Multiple Choice) 35 marks 1 hr 15 mins (30 %)</p> <p>Paper 2 (Structured Written Paper) 100 marks 1 hr 45 mins (70 %)</p> |
| Sixth Form Opportunities | IAL Accounting |
| Career Opportunities | Accountant, Auditor, Banker, Chartered Accountant, Tax Analyst, Credit Analyst and more |

B U S I N E S S S T U D I E S

| | |
|---------------------------------|--|
| Course Title | Business Studies 0450 |
| Level | IGCSE |
| Awarding Body | Cambridge International  |
| Grades or Numbers | Grade A* - G |
| Syllabus | Click here to view |
| Content Overview | <p>Candidates study the following topics:</p> <ul style="list-style-type: none"> • Understanding business activity • People in business • Marketing • Operations management • Financial information and decisions • External influences on business activity |
| Assessment Overview | <p>All assessments externally assessed end of year 11 May / June All candidates take two papers.</p> <p>Paper 1 (Theory) 80 marks 1 hr 30 mins (50 %)</p> <p>Paper 2 (Case Study) 80 marks 1 hr 30 mins (50 %)</p> |
| Sixth Form Opportunities | IAL Business |
| Career Opportunities | <ul style="list-style-type: none"> • 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 |



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E C O N O M I C S

| | |
|--------------------------|--|
| Course Title | Economics 0455 |
| Level | IGCSE |
| Awarding Body | Cambridge International  |
| Grades or Numbers | Grade A* - G |
| Syllabus | Click here to view |
| Content Overview | <p>Candidates study the following topics:</p> <ul style="list-style-type: none"> • The basic economic problem • The allocation of resources • Microeconomic decision makers • Government and the macroeconomy • Economic development • International trade and globalisation |
| Assessment Overview | <p>All assessments externally assessed end of year 11 May / June All candidates take two components.</p> <p>Paper 1 (Multiple Choice) 30 marks 45 mins (30 %)</p> <p>Paper 2 (Structured Questions) 90 marks 2 hr 15 mins (70 %)</p> |
| Sixth Form Opportunities | IAL Economics |
| Career Opportunities | Stock broker, local councilor, Business entrepreneur, Economist, Stock Markets, International Law, Banking and Finance, Research and Statistical Analysis, Academia (Lecturing and Teaching), International Trade, Politics, Diplomatic services, Government Agencies etc. |

T R A V E L & T O U R I S M

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| Course Title | Travel and Tourism 0471 |
| Level | IGCSE |
| Awarding Body | Cambridge International  |
| Grades or Numbers | Grade A* - G |
| Syllabus | Click here to view |
| Content Overview | <p>Candidates study the following topics:</p> <ul style="list-style-type: none"> • Introduction to the main travel and tourism definitions and concepts • Global tourism • Travel and tourism organisations • Customer service • Destination marketing |
| Assessment Overview | <p>All assessments externally assessed end of year 11 May / June All candidates take two components.</p> <p>Paper 1 (Theory) 80 marks 1 hr 30 mins (50 %)</p> <p>Paper 2 (Theory) 80 marks 2 hrs (50 %)</p> |
| Sixth Form Opportunities | <ul style="list-style-type: none"> • BTEC Travel and Tourism Level 3 • The skills acquired throughout the course perfectly prepare students for further study at IB and University level. |
| Career Opportunities | Tourism Agencies, Immigration and Customs Services, Travel Agencies, Airlines, Tour Operators, Hotels, Tourist services and many more. |

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| Course Title | Environmental Management 0680 |
| Level | IGCSE |
| Awarding Body | Cambridge International  |
| Grades or Numbers | Grade A* - G |
| Syllabus | Click here to view |
| Content Overview | <p>The syllabus is divided into nine topics which have been designed to develop an understanding of both the natural and the human environment:</p> <ul style="list-style-type: none"> • Rocks and minerals and their exploitation • Energy and the environment • Agriculture and the environment • Water and its management • Oceans and fisheries • Managing natural hazards • The atmosphere and human activities • Human population • Natural ecosystems and human activities. |
| Assessment Overview | <p>All assessments externally assessed end of year 11 May / June All candidates take two papers.</p> <p>Paper 1 (Theory) 80 marks 1 hr 45 mins (50 %)</p> <p>Paper 2 (Management in Context) 80 marks 1 hr 45 mins (50 %)</p> |
| Sixth Form Opportunities | IAL Environmental Management |
| Career Opportunities | Environmental Planning, Environmental Policy, Sustainability, Environmental Protection, Climate Change Adaptation and Mitigation, Industry-based Environmental Management, Waste Management, Environmental Education, Catchment Management, Water Resource Management, Land Rehabilitation, Pollution Control, Environmental Science, Wildlife Management, Conservation, and Coastal and Park Management. |



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ENTERPRISE

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| Course Title | Enterprise 0454 |
| Level | IGCSE |
| Awarding Body | Cambridge International  |
| Grades or Numbers | Grade A* - G |
| Syllabus | Click here to view |
| Content Overview | <p>All learners will study the following topics:</p> <ul style="list-style-type: none"> • Introduction to enterprise • Setting up a new enterprise • Enterprise skills • Enterprise opportunities, risk, legal obligations and ethical considerations • Negotiation • Finance • Business planning • Markets and customers • Help and support for enterprise • Communication. |
| Assessment Overview | <p>All assessments externally assessed end of year 11 May / June All candidates take two components.</p> <p>Component 1 (Written Paper) 100 marks, 1 hr 30 mins (50 %)</p> <p>Component 2 (Course work) 60 marks, (50 %)</p> |
| Sixth Form Opportunities | <p>IAL Business IAL Economics IAL Accounting</p> |
| Career Opportunities | <p>We ask learners to adopt the thoughts and actions of entrepreneurs, developing their knowledge and understanding of the practicalities of setting up and running their own new enterprise.</p> <p>IGCSE Enterprise equips learners with a range of vital life skills for use in planning and organisation, communication and financial management.</p> |



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G E O G R A P H Y

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| Course Title | Geography 0460 |
| Level | IGCSE |
| Awarding Body | Cambridge International  |
| Grades or Numbers | Grade A* - G |
| Syllabus | Click here to view |
| Content Overview | <p>The syllabus is divided into three themes:</p> <ul style="list-style-type: none"> • Theme 1: Population and settlement • Theme 2: The natural environment • Theme 3: Economic development <p>The themes are designed to develop an understanding of natural and human environments</p> |
| Assessment Overview | <p>All assessments externally assessed end of year 11 May / June All candidates take three components. All candidates take Paper 1 and Paper 2, and either Component 3 or Paper 4.</p> <p>Paper 1 (Geographical Themes) 75 marks, weighted to 100 marks 1 hr 45 mins (45%)</p> <p>Paper 2 (Geographical Skills) 60marks 1 hr 30 mins (27.5%)</p> <p>Component 3 (Course Work) 60 marks, (27.5 %) or</p> <p>Paper 4 (Alternative to Course work) 60 marks, (27.5 %)</p> |
| Sixth Form Opportunities | Geography will support the study of sciences, especially health and social sciences, like Biology, Sociology and Psychology. |
| Career Opportunities | <ul style="list-style-type: none"> • Town Planner, Geography Teacher, Meteorologist and Climatologist, Vulcanologist, Tourism Industry, The Foreign Office, Environmental Agencies, Resource Management • A deeper and better understanding of people and places. A desire to help look after our planet for the benefit or future generations |



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| Course Title | Sociology 0495 |
| Level | IGCSE |
| Awarding Body | Cambridge International  |
| Grades or Numbers | Grade A* - G |
| Syllabus | Click here to view |
| Content Overview | <p>The content is organised into seven study units, which explore the nature of social relationships, processes and structures.</p> <ul style="list-style-type: none"> • Unit 1: Theory and methods • Unit 2: Culture, identity and socialisation • Unit 3: Social inequality • Unit 4: Family • Unit 5: Education • Unit 6: Crime, deviance and social control • Unit 7: Media |
| Assessment Overview | <p>All assessments externally assessed end of year 11 May / June All candidates take two components.</p> <p>Paper 1 80 marks 2 hrs (54 %)</p> <p>Paper 2 70 marks 1 hr 45 mins (46 %)</p> |
| Sixth Form Opportunities | <p>IAL Sociology IAL History</p> |
| Career Opportunities | <ul style="list-style-type: none"> • Research • Voluntary Agencies • The Police • The Civil Service and Local Government Service • Graduate Entry into Management • Social Work and the 'Caring Professions' • Higher Degrees • Teaching |



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U R D U

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| Course Title | Urdu as a Second Language 0539 |
| Level | IGCSE |
| Awarding Body | Cambridge International  |
| Grades or Numbers | Grade A* - G |
| Syllabus | Click here to view |
| Content Overview | Cambridge IGCSE Urdu as a Second Language offers learners the opportunity to develop practical communication skills in listening, speaking, reading and writing. In both written and spoken Urdu, learners will be able to follow factual information as well as abstract ideas, select relevant details, and understand what is directly stated or implied. |
| Assessment Overview | <p>All assessments externally assessed end of year 11 May / June All candidates take two components.</p> <p>Paper 1 (Reading and writing) 60 marks, 2 hrs (67 %)</p> <p>Paper 2 (Listening) 30 marks 35-45 mins approx. (33 %)</p> |
| Sixth Form Opportunities | <p>IAL Urdu</p> <ul style="list-style-type: none"> 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 | Interpreting, teaching, languages and community services. |



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ART & DESIGN

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| Course Title | Art & Design 0400 |
| Level | IGCSE |
| Awarding Body | Cambridge International  |
| Grades or Numbers | Grade A* - G |
| Syllabus | Click here to view |
| Content Overview | <p>The broad areas of study are:</p> <ul style="list-style-type: none"> • Painting and related media • Graphic communication • Three-dimensional design • Textiles and fashion • Photography. |
| Assessment Overview | <p>All assessments externally assessed end of year 11 May / June All candidates take two components.</p> <p>Component 1 (Course Work) 100 marks, (50 %)</p> <p>Component 2 (Externally Set Assignment) 100 marks 8 hrs (50 %)</p> |
| Sixth Form Opportunities | Design Technology, History, Drama, Photography, Textiles and Media. |
| Career Opportunities | Graphic designer, architect, interior designer, fashion designer, curator, art director, jewelry maker, web designer, illustrator, animator, set designer, photographer |



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ARABIC

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|--------------------------|---|
| Course Title | Arabic - Foreign Language 0544 |
| Level | IGCSE |
| Awarding Body | Cambridge International  |
| Grades or Numbers | Grade A* - G |
| Syllabus | Click here to view |
| Content Overview | <p>The subject content is organised in five broad topic areas</p> <ul style="list-style-type: none"> • Everyday activities • Personal and social life • The world around us • The world of work • The international world |
| 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>Paper 1 (Listening) 40 marks, Approximately 50 mins (25 %)</p> <p>Paper 2 (Reading) 45 marks 1 hr (25 %)</p> <p>Paper 3 (Speaking) 40 marks Approximately 10 mins (25 %)</p> <p>Paper 4 (Writing) 45 marks 1 hr (25 %)</p> |
| Sixth 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 an Arabic country. |





NATIONAL CURRICULUM SUBJECTS



Pearson
Edexcel

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ENGLISH LITERATURE

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|---------------------------------|--|
| Course Title | English Literature 4ET1 |
| Level | IGCSE |
| Awarding Body | Pearson Edexcel  |
| Grades or Numbers | 9 - 1 |
| Syllabus | Click here to view |
| Content Overview | <p>Component 1: Poetry and Modern Prose (examined)</p> <ul style="list-style-type: none"> Section A – Unseen poetry Section B – Anthology poetry Section C – Modern prose <p>Component 2: Modern Drama and Literary Heritage Texts (examined)</p> <ul style="list-style-type: none"> Section A – Modern drama Section B – Literary heritage texts. <p>Component 3: Modern Drama and Literary Heritage Texts (coursework)</p> <ul style="list-style-type: none"> Assignment A – Modern drama Assignment B – Literary heritage texts |
| Assessment Overview | <p>Students must complete Component 1, plus either Component 2 or Component 3.</p> <ul style="list-style-type: none"> Component 1: Poetry and Modern Prose 4ET1/01 90 marks, 2 hrs (60 %) Component 2: Modern Drama and Literary Heritage Texts (examined) 4ET1/02 60 marks, 1 hr 30 mins (40 %) Component 3: Modern Drama and Literary Heritage Texts (coursework) 4ET1/03 60 marks (40 %) |
| Sixth Form Opportunities | English Language, English Literature, Media studies, Sociology, Psychology, History |
| Career Opportunities | Law, Media, Teaching, Business, Publishing, Writing and many more. |

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| Course Title | French 4FR1 |
| Level | IGCSE |
| Awarding Body | Pearson Edexcel  |
| Grades or Numbers | 9 - 1 |
| Syllabus | Click here to view |
| Content Overview | <ul style="list-style-type: none"> • Home and abroad • Education and employment • Personal life and relationships • The world around us • Social activities, fitness and health. |
| Assessment Overview | <p>The Pearson Edexcel International GCSE in French consists of three externally examined papers.</p> <p>The Pearson Edexcel International GCSE in French is a linear qualification.</p> <p>All papers must be taken at the end of the course of study.</p> <ul style="list-style-type: none"> • Paper 1 : Listening 4FR1/01 40 marks, 35 mins (25 %) • Paper 2 : Reading and Writing 4FR1/02 80 marks, 1 hr 45 mins (50 %) • Paper 3 : Speaking 4FR1/03 40 marks 10 mins (25 %) |
| Sixth Form Opportunities | A-Level in 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. |



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P H Y S I C A L E D U C A T I O N

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| Course Title | Physical Education 1PE0 |
| Level | GCSE |
| Awarding Body | Pearson Edexcel  |
| Grades or Numbers | 9 - 1 |
| Syllabus | Click here to view |
| Content Overview | <p>Component 1: Fitness and Body Systems</p> <ul style="list-style-type: none"> Applied anatomy and physiology Movement analysis Physical training Use of data <p>Component 2: Health and Performance</p> <ul style="list-style-type: none"> Health, fitness and wellbeing Sport psychology Socio-cultural influences Use of data <p>Component 3: Practical Performance</p> <ul style="list-style-type: none"> Skills during individual and team activities General performance skills <p>Component 4: Personal Exercise Programme (PEP)</p> <ul style="list-style-type: none"> Aim and planning analysis Carrying out and monitoring the PEP Evaluation of the PEP |
| Assessment Overview | <p>The Pearson Edexcel Level 1/Level 2 GCSE (9–1) in Physical Education consists of two externally-examined papers and two non-examined assessment components. Components 1 and 2 will be assessed in May/June in any single year. Components 3 and 4 may be assessed at any point during the course</p> <ul style="list-style-type: none"> Component 1 (1PE0/01) 90 marks, 1hr 45 mins (36 %) Component 2 (1PE0/02) 70 marks, 1 hr 15 mins (24 %) Component 3 (1PE0/03) 105 marks (35 marks per activity) (30 %) Component 4 (1PE0/04) 20 marks (10 %) |



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P H Y S I C A L E D U C A T I O N

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| Sixth Form Opportunities | IAL Physical Education |
| Career Opportunities | PE Teacher, Sports Scientist, Sports Nutritionist, Sports Physiotherapist, Sports Psychologist, Sports Coach and many more. |



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|---------------------------------|---|
| Course Title | Psychology 1PS0 |
| Level | GCSE |
| Awarding Body | Pearson Edexcel  |
| Grades or Numbers | 9 - 1 |
| Syllabus | Click here to view |
| Content Overview | <p>Compulsory topics</p> <ul style="list-style-type: none"> • 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>Optional topics</p> <ul style="list-style-type: none"> • 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? |
| 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> <ul style="list-style-type: none"> • Paper 1 (1PS0/01) 98marks, 1 hr 45 mins (55 %) • Paper 2 (1PS0/02) 79 marks, 1 hr 20 mins (45 %) |
| Sixth Form Opportunities | A-Level in Psychology |
| Career Opportunities | Human Resources, Teaching, Psychology related field, Clinical, Educational, Forensic Psychology and many more. |



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