

ThemaId Campus

IGCSE *Guide*



COMPASS INTERNATIONAL SCHOOL
DOHA
A NORD ANGLIA EDUCATION SCHOOL

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1. Message from the Head of Secondary

Dear Parents and Students,

At Compass International School Doha, Themaïd Campus, we offer students a broad choice of International General Certificate of Secondary Education (IGCSE) subjects to study in years 10 and 11 and as the school grows, we hope to add even more subjects to this already comprehensive list.

We have prepared this booklet to try to answer some of the questions you might have about what happens next in the educational journey through school to Higher Education and the world of work. However, please do feel free to contact us at any time should you have questions, or should you seek further clarification.

The IGCSE marks an important time in every student's education. It sets a path for future success and allows for choice in the range of subjects chosen without closing doors to the future. All students must study the core subjects of English, Mathematics, Science, a language and Physical Education (non IGCSE), combined with a range of options geared towards individual preferences. With university entrance in mind, as well as further study at A level or IB, these subjects must be chosen, with guidance from teachers, very carefully.



Study over these two years will lead to important examinations at the end of the courses. These are external examinations, set and marked by examiners employed by the awarding Pearson Edexcel or Cambridge IGCSE boards. They are recognised international qualifications which will help students access university in many countries and assist on the way to a successful career in the future.

This booklet, the information evenings and the one-to-one support sessions are designed to help every student make the right choice. We hope that you find this guide to be a useful starting point for choosing wisely.

Kind Regards,

Simon Porter

**Head of Secondary
Themaïd Campus**

2. All You Need to Know



IGCSE

As you progress into your International General Certificate of Secondary Education (IGCSE) journey, it is important to make an informed decision on which subjects you have to take, which ones you can choose and how to do this, to ensure you are following the career you would like to follow after school.

At Compass International School Doha, we follow the Cambridge and Edexcel IGCSE Examination courses. The IGCSE is an international version of the GCSE exams, which form part of the globally recognised British Curriculum.

The IGCSE exams are built on a number of Core Subjects, which are compulsory for students to take. These subjects comprise of Mathematics, English, Islamic Studies (compulsory for Qatari students) and Science (double award), which includes Biology, Chemistry and Physics. This 'double award' means that it counts as two IGCSE grades and students can then choose to specialise in any Science subject at International Baccalaureate (IB) level or A Level, which is particularly important for those who decide to study Medical Sciences or Engineering at university.

Beyond the Core Subjects, students are offered a number of additional subjects of which they need to select four, these include: Arabic, French and Spanish, Art and Design, Business Studies, Economics, Geography, History, Information Communication Technology/Computing, Music, Physical Education and Design Technology.

Remember it is important to choose the right options. Once accepted into an IGCSE course, students are expected to attend and follow the course to its conclusion (Year 11). Students cannot change subjects once their choice has been made and registered.

Helpful questions to ask when making your selection are:

- ▶▶ What am I going to do when I leave school?
- ▶▶ Am I choosing a wide enough range of subjects, that if I do not want to follow my chosen career I can change direction?
- ▶▶ Is it possible to study the subject to a higher level, i.e. IB / Sixth Form?
- ▶▶ Will I enjoy taking a particular subject for the next two years?
- ▶▶ What are my abilities, strengths and skills?



Online Help:

www.morrisby.com : Series of tests to assess your skills, strengths and limitations.

www.fasttomato.com : Guidance on choosing careers and future options.

www.dfes.gov.uk/youngpeople : General site for the wellbeing of young people.

www.connexions-direct.com/jobs4u : Search jobs to find out required skills and qualifications, input your details to see what might suit you.

www.ucas.com : Look up college, university courses, locations and entry requirements.

university.which.co.uk : University courses, locations, entry requirements, student reviews and anything else interesting about UK universities.



3.1. Core Subjects

IGCSE English

Examination Boards

Cambridge IGCSE First Language English (0500)
Edexcel International GCSE English Literature (9-1) (4ET1)
Cambridge IGCSE English as a Second Language (0510)



Aims

First Language English and English Literature

In Years 10 and 11, all students with suitable ability will study two related English courses: IGCSE First Language English and IGCSE English Literature. Each of these syllabuses is designed as a two-year course for examination at age 16 and over.

In both courses, students will have access to a range of literacy and language texts that will help to develop and consolidate their knowledge and use of vocabulary and grammar. Through discussion and writing, students will gain valuable practice in imaginative and analytical thinking. Both courses will enable students to communicate accurately, appropriately, and effectively in speech and writing, while exploring areas of universal human concern, leading to a greater understanding of themselves and others. As such, both courses are excellent preparation for IB English Language and Literature, a core subject in the IB Diploma Programme.

Syllabus Content

Throughout their study of Language and Literature, students will explore closely a range of works from the genres of poetry, prose, and drama, as well as a wide selection of non-fiction texts. Students will have the opportunity to produce many different types of writing, such as academic essays, articles, and short stories. Language is assessed through examinations, while Literature is assessed through a combination of an examination and two pieces of coursework.

English as a Second Language

For Years 10 and 11 Second Language students, we offer CIE English as a Second Language. The aims of the course are to develop the ability to use English effectively for the purpose of practical communication and to help students form a solid foundation in the skills needed for further study or employment where English is the medium. The course will also develop each student's awareness of the nature of language, learning skills and promote personal development.

The choice of first or second language will depend on a discussion between teacher, parents and students.

Assessment

Externally Assessed

Cambridge IGCSE First Language English (0500)

Paper 1: Reading Passages (2 hours) – 80 marks (50%)

Paper 2: Directed Writing and Composition (2 hours) – 80 marks (50%)

Edexcel International IGCSE English Literature

Component 1: Poetry and Modern Prose (examined) (60%)

Component 3: Modern Drama and Literary Heritage Texts (coursework) (40%)

Cambridge IGCSE English as a Second Language (0510)

Paper	Marks	Percentage	Length
1. Reading and writing (core)	60	60	90 minutes
2. Reading and writing (extended)	60	60	2 hours
3. Listening (core)	30	20	40 minutes
4. Listening (extended)	40	20	50 minutes
5. Speaking (both)	30	20	10-15 minutes

3.2. Core Subjects

IGCSE Mathematics

Examination Board

Pearson Edexcel Mathematics A (4MA1)

Aims

The main purpose for studying Mathematics is to develop logical reasoning skills which are essential for success in any field. There are many applications of Mathematics used in daily life.

The aims of the course are to develop knowledge and understanding of mathematical concepts and techniques as follows:

- ▶▶ To give students a foundation of Mathematical skills for further study in the subject or related areas.
- ▶▶ To enable students to enjoy using and applying Mathematical techniques and concepts.
- ▶▶ To become confident in using mathematics to solve problems.
- ▶▶ To give students an appreciation of the importance of mathematics in society, employment and study.

Syllabus Content

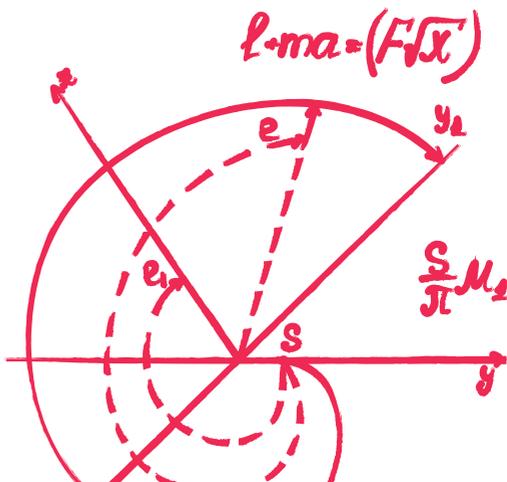
IGCSE Mathematics builds upon the basic skills that have been taught in the four areas of the British National Curriculum: Shape and Space, Number, Algebra, Statistics and Probability.

Assessment

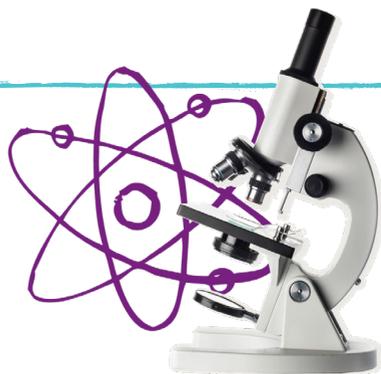
Externally Assessed

Paper 1H: (2 hours) – 100 marks (50%)

Paper 2H: (2 hours) – 100 marks (50%)



3.3. Core Subjects



IGCSE Science

Examination Boards

Pearson Edexcel International GCSE
Science (Double Award) (9-1)

Aims

- ▶▶ Learn about unifying patterns and themes in science and use them in new and changing situations and acquire knowledge and understanding of scientific facts, terminology, concepts, principles and practical techniques.
- ▶▶ Apply the principles and concepts of science to different contexts and evaluate scientific information, making judgements on the basis of this information.
- ▶▶ Appreciate the practical nature of science, developing experimental and investigative skills based on correct and safe laboratory techniques and analyse, interpret and evaluate data and experimental methods, drawing conclusions that are consistent with evidence from experimental activities and suggesting possible improvements and further investigations.
- ▶▶ Recognise the importance of accurate experimental work and reporting scientific methods in science and select, organise and present relevant information clearly and logically using appropriate vocabulary, definitions and conventions.
- ▶▶ Develop a logical approach to problem solving in a wider context and select and apply appropriate areas of mathematics relevant to science as set out under each topic and prepare for more advanced courses in science and for other courses that require knowledge of science.

Syllabus Content

- ▶▶ **Biology:** The nature and variety of living organisms; Structures and functions in living organisms; Reproduction and inheritance; Ecology and the environment; Use of biological resources. **2 hours (33%)**
- ▶▶ **Chemistry:** Principles of chemistry; Inorganic chemistry; Physical chemistry; Organic chemistry. **2 hours (33%)**
- ▶▶ **Physics:** Forces and motion; Electricity; Waves; Energy resources and energy transfers; Solids, liquids and gases, Magnetism and electromagnetism; Radioactivity and particles; Astrophysics. **2 hours (33%)**

Assessment

There are three examination papers externally assessed through three 2-hour written examinations. For each paper, the total number of marks is 110. There is a mixture of different question styles, including multiple-choice questions, short-answer questions, calculations and extended open-response questions. This paper contributes up to 33.3% of the total International GCSE.

These will be combined to give two grades using the 9-1 number system.

3.4. Core Subjects

Islamic Studies – National Curriculum

Examination Board

Cambridge (0493)

Aims

This is a compulsory subject for all Qatari students.

The aims describe the purposes of a course based on this syllabus. The aims are to enable students to:

- ▶▶ Acquire a knowledge of the major sources of Islam, its main beliefs and its early history.
- ▶▶ Develop an enquiring approach to the study of Islam.
- ▶▶ Identify and explore the religious, historical and moral questions raised in the material they study.

Syllabus Content

Students will study key topics of Islam, including the following:

- ▶▶ The history and importance of the Qur'an
- ▶▶ The life and importance of the Prophet Muhammad (phuh)
- ▶▶ The first Islamic community
- ▶▶ Major teachings in the Hadiths of the Prophet
- ▶▶ The history and importance of the Hadiths
- ▶▶ The period of rule of the Rightly Guided Caliphs and their importance as leaders
- ▶▶ The Articles of Faith and the Pillars of Islam

Assessment

Externally Assessed

Paper 1: Written (1 hour 30 minutes) – 50 marks

This paper contains five questions of which candidates must answer Question 1, Question 2 and two others. Topics include: major themes of the Qur'an, the history and importance of the Qur'an, the life and importance of the Prophet Muhammad and the first Islamic community.

Paper 2: Written (1 hour 30 minutes) – 50 marks

This paper contains five questions of which candidates must answer Question 1, Question 2 and two others. Topics include: major teachings in the Hadiths of the Prophet, the history and importance of the Hadiths, the period of rule of the Rightly Guided Caliphs and their importance as leaders and the Articles of Faith and the Pillars of Islam.

4.1. Language Options

IGCSE Arabic

Examination Board

Cambridge (0508)

Aims

This is a compulsory subject for all Qatari students. The course will aid in learners being able to:

- ▶▶ Communicate accurately, appropriately and effectively in writing.
- ▶▶ Understand and respond appropriately to what they read.
- ▶▶ Enjoy and appreciate the variety of language.

Syllabus Content

Cambridge IGCSE First Language Arabic offers candidates the opportunity to respond knowledgeably to a rich array of reading passages. Candidates will use some of these passages to inform and inspire their own writing and write in a range of text types for different audiences. The passages cover a range of genres and types, including fiction and non-fiction, and may also include other forms of writing, such as essays, reviews and articles.

Candidates are encouraged to become appreciative and critical Arabic readers and writers.

Assessment

Externally Assessed

Paper 1: Written (2 hours) – 50 marks (50%)

Questions will be based on Arabic passages

Paper 2: Written (2 hours) – 50 marks (50%)

Learners will answer two composition tasks



4.2. Language Options

IGCSE French or Spanish

Examination Boards

Cambridge French 0520

Cambridge Spanish 0530



Aims

- ▶▶ To develop the ability to communicate effectively using the target language to offer insights into the culture and society of countries where the target language is spoken.
- ▶▶ To develop awareness of the nature of language and language learning.
- ▶▶ To encourage positive attitudes towards speakers of other languages and a compassionate approach to other cultures and civilisations providing enjoyment and intellectual stimulation.
- ▶▶ To develop transferable skills (e.g. analysis, memorising, drawing of inferences) to complement other areas of the curriculum to form a sound base of the skills, language and attitudes required for progression to work or further study, either in the target language or another subject area.

Syllabus Content

The syllabus content is organised around five broad topic areas which provide contexts for the acquisition of vocabulary and the study of grammar and structures. Through the study of these topic areas, students gain insight into target language countries and communities.

The topic areas are: Everyday Activities, Personal and Social Life, The World Around Us, The World of Work and the International World.

Assessment

Externally Assessed

Paper 1: Listening (approximately 45 minutes) – 40 marks (25%)

Students listen to a number of recordings and answer questions testing comprehension.

Paper 2: Reading (1 hour) – 45 marks (25%)

Students read a number of texts and answer questions testing comprehension.

Paper 4: Writing (1 hour) – 45 marks (25%)

Students respond in the target language to three tasks.

Internally Assessed

Paper 3: Speaking (15 minutes) – 40 marks (25%)

Students complete one role play and conversation on two topics.

5.1. Subject Options

IGCSE Art and Design (0989)

Examination Board

Cambridge IGCSE Art and Design (0400)

Aims

The combination of knowledge and skills in Cambridge IGCSE (9–1) Art & Design gives learners a solid foundation for further study. Candidates who achieve grades 4 to 9 are well prepared to follow a wide range of courses including Cambridge International AS & A Level Art and Design. The aims are to enable students to develop an ability to record from direct observation and personal experience, an ability to identify and solve problems in visual and/or other forms and creativity, visual awareness, critical and cultural understanding.

- ▶▶ Students are encouraged to create an imaginative, creative and personal response with confidence, enthusiasm and a sense of achievement in the practice of art and design. They must show a growing independence in the refinement and development of ideas and personal outcomes through engagement and experimentation with a range of media, materials and techniques, including new media and technologies, where appropriate.
- ▶▶ Students are encouraged to work in relevant frameworks and exploration of manipulative skills necessary to form, compose and communicate in two and/or three dimensions. They must aim to use working vocabulary relevant to the subject and an interest in, and a critical awareness of, other practitioners, environments and cultures. This must support the process of investigation, analytical, experimental, interpretative, practical, technical and expressive skills which aid effective and independent learning.

Syllabus Content

Cambridge IGCSE (9–1) Art & Design has been designed to offer a broad choice of media and approaches so that candidates can produce a personal response and schools can play to their strengths in terms of staff expertise and interests.

The broad areas of study are:

- ▶▶ Painting and related media
- ▶▶ Print making
- ▶▶ Three-dimensional design
- ▶▶ Photography, digital and lens-based media
- ▶▶ Graphic communication
- ▶▶ Textiles and fashion.

Candidates can respond to either component using any of the media above.



Assessment

Component 1 – worth 50 %

- ▶▶ Candidates must research, develop and realise a project from one area of study in the subject content from a theme set by the teacher.
- ▶▶ There are two parts to the coursework: a portfolio and a final outcome which are externally assessed.

Component 2 – worth 50%

- ▶▶ Candidates respond to one starting point set by Cambridge International. Candidates may produce work from the same area of study as Component 1, but they do not have to.
- ▶▶ There are two parts to the assignment: supporting studies and a final outcome, produced during a supervised test of 8 hours' total duration which is externally assessed.



5.2. Subject Options

IGCSE Business Studies

Examination Board

Cambridge Business Studies (0450)

Aims

- ▶▶ Apply knowledge and critical understanding to current issues and problems in a wide range of business contexts, from small to global organisations.
- ▶▶ Develop awareness of how and why businesses operate, the different marketing methods a business employs to reach their target market, factors considered in producing products and services, calculating and interpreting financial data and how employees are recruited and managed within an organisation.
- ▶▶ To develop knowledge and understanding of the major groups and organisations within and outside business, consider ways in which they are able to influence objectives, decisions and activities.
- ▶▶ Acquire essential skills within literacy and numeracy by analysing different business scenarios to reach balanced decisions or judgement.

Syllabus Content

- ▶▶ Understanding business activity
- ▶▶ People in business
- ▶▶ Marketing
- ▶▶ Operations management
- ▶▶ Financial information and decisions
- ▶▶ External influences on business activity



Assessment

Externally Assessed

Paper 1: Written (1 hour 30 minutes) – 80 marks (50%)

Four questions requiring a mixture of short answers and structured data responses. Students answer all questions.

Paper 2: Written (1 hour 30 minutes) – 80 marks (50%)

Four questions based on a previously unseen case study, provided as an insert with the paper. Students answer all questions.

5.3. Subject Options



IGCSE Computer Science*

Examination Board

Cambridge (0478)

Aims

- ▶▶ To develop computational thinking about what can be computed and considering the data required.
- ▶▶ Understanding the main principles of solving problems by using computers.
- ▶▶ Understanding every computer system is made up of sub-systems, which in turn consist of further sub-systems.
- ▶▶ Understanding of the component parts of computer systems and how they interrelate, including software, data, hardware, communications and people.
- ▶▶ Develop the skills necessary to solve computer-based problems using a high-level programming language.

Syllabus Content

Theory of Computer Science:

- ▶▶ Data representation
- ▶▶ Communication and Internet technologies
- ▶▶ Hardware and software
- ▶▶ Security
- ▶▶ Ethics

Practical Problem-solving and Programming:

- ▶▶ Algorithm design and problem-solving
- ▶▶ Programming
- ▶▶ Databases

Assessment

Externally Assessed

Paper 1: Theory (1 hour and 45 minutes) – (60%)

Questions will be based on sections 1–21 of the subject content.
Short-answer and structured questions.

Paper 2: Problem-solving and Programming (1 hour and 45 minutes) – (40%)

Short-answer and structured questions.
Questions will be based on section 2 of the subject content.
20 marks are from questions set on the pre-release material.

*This is an additional IGCSE open to students who have selected ICT as an option. Students who meet the entrance criteria will then enter into Computer Science for Year 11.

5.4. Subject Options

IGCSE Economics

Examination Board

Cambridge Economics (0455)

Aims

- ▶▶ To distinguish between facts and value judgements in economic issues and use economic analysis in particular situations.
- ▶▶ To be aware of the economies in developed and developing nations and develop an appreciation of the relationships between the two.
- ▶▶ To gain an understanding of economics and how it impacts everyday life, enabling a better understanding of the world we live in and a higher ability to take a greater part in decision making in our personal lives.
- ▶▶ To develop essential skills in literacy and numeracy.

Syllabus Content

- ▶▶ The basic economic problem
- ▶▶ The allocation of resources
- ▶▶ Microeconomic decision makers
- ▶▶ Government and the macroeconomy
- ▶▶ Economic development
- ▶▶ International trade and globalisation

Assessment

Externally Assessed

Paper 1: Written (45 minutes) – (30%)

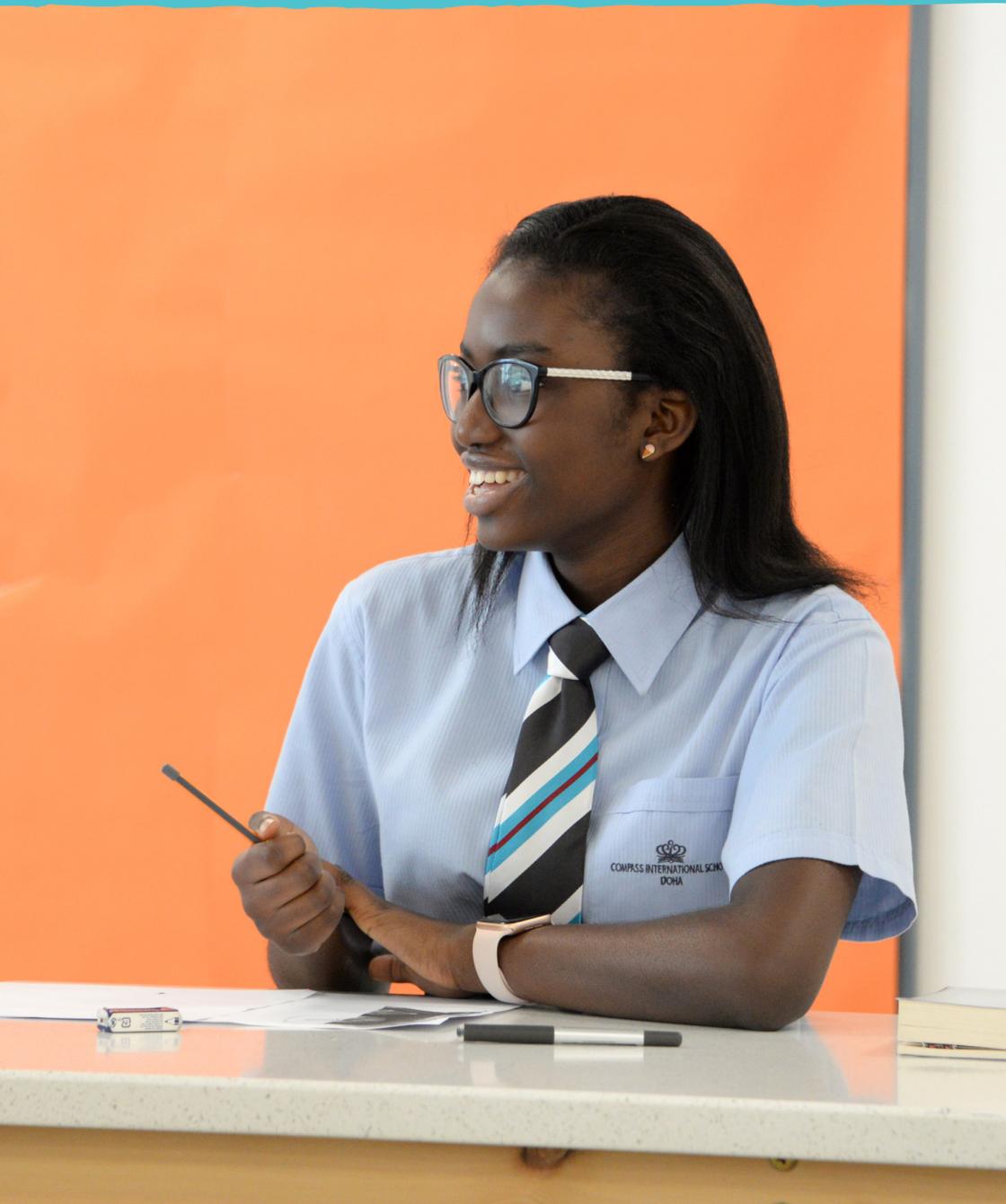
Multiple choice - Students answer 30 multiple choice questions.

Paper 2: Written (2 hours 15 minutes) – (70%)

Written examination where candidates answer one compulsory question which requires them to interpret and analyse previously unseen data relevant to a real economic situation and three optional questions from a choice of four.



“We believe that all our students
have unlimited potential and ability.”



5.6. Subject Options



IGCSE Geography

Examination Board
Cambridge CIE (0460)

Aims

- ▶▶ To develop an understanding of location on a local, regional and global scale.
- ▶▶ To develop an awareness of the characteristics, distribution and processes affecting contrasting physical and human environments.
- ▶▶ To develop an understanding of the ways in which people interact with each other and with their environment.
- ▶▶ To develop an awareness of the contrasting opportunities and constraints presented by different environments.
- ▶▶ To develop an appreciation of and concern for the environment.
- ▶▶ To develop an appreciation of the earth including its people, places, landscapes, natural processes and phenomena.

Syllabus Content

Theme 1 – ‘Population and Settlement’

Population dynamics, migration, population structure, population density and distribution, settlements and service provision, urban settlements and urbanisation.

Theme 2 – ‘The Natural Environment’

Earthquakes and volcanoes, weather and climate, rivers, coasts and natural vegetation.

Theme 3 – ‘Economic Development’

Development, food production, industry, tourism, energy, water and environmental risks of economic development.

Assessment

Externally Assessed

Paper 1: Geographical Themes (1 hour 45 minutes) - 75 marks, weighted to 100 marks (45%)

Students answer three questions, each worth 25 marks. The paper has three sections and each section will be based on Themes 1, 2 or 3. Candidates must answer one question from each section.

Theme 1 – Population and Settlement

Theme 2 – The Natural Environment

Theme 3 – Economic Development

Paper 2: Geographical Skills (1 hour 30 minutes) - 60 marks (27.5%)

The paper is based on testing the interpretation and analysis of geographical information, decision making and the application of graphical and other techniques as appropriate. The questions will not require specific information about places but will require the use of a 1:25 000 or 1:50 000 map with a key.

Centre-based Assessment

Component 3: Coursework - 60 marks (27.5%)

Candidates will complete one coursework assignment, set by teachers, of up to 2000 words. Coursework assignments may be based on physical geography or human geography or on an interaction between physical and human geography. Coursework will be assessed on the quality of the content of the assignment in relation to the criteria on which assessment is based.

5.7. Subject Options

IGCSE History

Examination Board

Edexcel (4HI1)

Aims

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

- ▶▶ Extend their knowledge and understanding of specified key events, periods and societies in history; and of the wide diversity of human experience
- ▶▶ Develop the ability to ask relevant questions about the past, to investigate issues critically and to make valid historical claims by using a range of sources in their historical context
- ▶▶ Create an awareness that different people, events and developments have been accorded historical significance and how and why different interpretations have been constructed about them
- ▶▶ Organise and communicate their historical knowledge and understanding in different ways and reach substantiated conclusions.

Syllabus Content

Paper 1: Depth Studies

Development of Dictatorship: Germany, 1918-1945

The establishment of the Weimar Republic and its early problems, the recovery of Germany (1924-29), the rise of Hitler and the Nazi Party, Life in Nazi Germany and Germany during the Second World War.

A World Divided: Superpower Relations, 1945-1972

Reason for the Cold War, early developments in the Cold War (1945-1949), the Cold War in the 1950s, the Berlin Crisis of 1961, the Cuban Missile Crisis, the Czechoslovakian Uprising and Détente.

Paper 2: Historical Investigation and Breadth Studies

Historical Investigation - The Origins and Course of the First World War, 1905-1918

The alliance system and international rivalry (1905-14), the struggle for control in the Balkans (1905-14), the growth of tension in Europe (1905-1914), the Schlieffen Plan, deadlock on the Western Front, the war at sea, Gallipoli and the defeat of Germany.

Breadth Study - Changes in medicine, 1848-1948

Progress in the mid-19th century, discovery and development (1860-75), accelerating change (1875-1905), government action and war (1905-20), advances in medicine, surgery and public health (1920-48).

Assessment Structure

Paper 1: Depth Studies (1 hour 30 minutes) - 60 marks (50%)

Six questions requiring a mixture of short and long answers. Questions are designed to test the ability to analyse historical interpretations, explain consequences and develop a balanced argument. Students will answer all questions.

Paper 2: Investigation and Breadth Studies (1 hour 30 minutes) - 60 marks (50%)

Six questions requiring a mixture of short and long answers. Test students on their ability to explain causes, compare similarity and difference, contrast sources and describe key features. Students will answer all questions.



5.8. Subject Options

IGCSE Information Communication Technology

Examination Board

Cambridge (0417)

Aims

Cambridge IGCSE Information and Communication Technology encourages learners to develop lifelong skills, including:

- ▶▶ Understanding and using applications.
- ▶▶ Using Information and Communication Technology (ICT) to solve problems.
- ▶▶ Analysing, designing, implementing, testing and evaluating ICT systems, ensuring that they are fit for purpose.
- ▶▶ Understanding the implications of technology in society, including social, economic and ethical uses.
- ▶▶ Awareness of the ways ICT can help in home, learning and work environments.

Syllabus Content

- ▶▶ Types and components of computer systems
- ▶▶ Input and output devices
- ▶▶ Storage devices and media
- ▶▶ Networks and the effects of using them
- ▶▶ The effects of using ICT applications
- ▶▶ The systems life cycle
- ▶▶ Safety and security
- ▶▶ Document production
- ▶▶ Data manipulation
- ▶▶ Presentations
- ▶▶ Data analysis
- ▶▶ Website authoring



Assessment

Externally Assessed

Paper 1: Theory (2 hours) – (40%)

Questions will be based on sections 1–21 of the subject content

Paper 2: Practical (2 hours and 30 mins) – (30%)

This test assesses the practical skills needed to use the applications covered in sections 17, 18 and 19 of the subject content

Paper 3: Practical (2 hours and 30 mins) – (30%)

This test assesses the practical skills needed to use the applications covered in sections 20 and 21 of the subject content

5.9. Subject Options



IGCSE Music

Examination Board

Edexcel

Aims

Students will be encouraged to engage critically and creatively with a wide range of music, develop an understanding of the place of music in different cultures and contexts, and reflect on how music is used in the expression of personal and collective identities.

In addition to improving creativity, learning music develops many skills that will continue to be useful to students throughout their lives. It has been proven that taking music lessons helps to enhance concentration, coordination, patience and self-confidence. Students who practice self-expression and creativity often become better communicators later in life.

What prerequisites are there for IGCSE Music?

Ideally students should already be taking instrumental or vocal lessons outside of regular classroom music. In order to achieve a Grade A at GCSE Music, students will need to have reached ABRSM/Rockschool Grade 4 on their instrument or voice by the Spring Term of Year 11.

Practical music lessons on the chosen instrument/voice are available in school and students would be required to take weekly lessons to reach an appropriate standard.

Assessment

Component 1: Performing (30%)

Two performances are required, which demonstrate technical and musical competence on an instrument or voice. One solo piece of a minimum of 1 minute in length and one ensemble (group) piece, also of a minimum of 1 minute. Both pieces together should amount to a total minimum length of 4 minutes. These performances will be recorded in Year 11 and assessed internally before being sent to the exam board for moderation. The majority of the preparation for this component of the GCSE will be completed out of regular lesson times.

Component 2: Composing (30%)

Two compositions are required, which will be worked both in lesson time and at home. One composition will be to set brief, released by the exam board at the start of Year 11 and the second composition is a free composition. Students will complete a variety of composition exercises throughout the GCSE, aiming to develop their skills as composers and give them ideas and suggestions for their two final compositions. They will be given credit for developing musical ideas, demonstrating technical control and composing with musical coherence. The two compositions will be internally assessed and then sent to the exam board for moderation.

Component 3: Appraising (40%)

This component is assessed with a listening exam of 1 hour 45 minutes at the end of Year 11. Students will cover four areas of study over the 2 years and they will analyse and explore 2 set works from each area of study:

Area of Study	Set Works
Instrumental Music 1700–1820	- J.S. Bach: 3rd Movement from Brandenburg Concerto no. 5 in D major - L. van Beethoven: 1st Movement from Piano Sonata no. 8 in C minor 'Pathétique'
Vocal Music	- H. Purcell: 'Music for a While' - Queen: 'Killer Queen' (from the album Sheer Heart Attack)
Music for Stage and Screen	- S. Schwartz: 'Defying Gravity' (from the album of the cast recording of Wicked) - J. Williams: 'Main title/rebel blockade runner' (from the soundtrack to Star Wars Episode IV: A New Hope)
Fusions	- Afro Celt Sound System: 'Release' (from the album Volume 2: Release) - Esperanza Spalding: 'Samba em Preludio' (from the album Esperanza)

The exam paper consists of questions on each of the set works and some unfamiliar music related to them. Questions include melodic and rhythmic dictation and an essay question comparing two given pieces.

5.10. Subject Options

IGCSE Physical Education

Examination Board

Cambridge (0413)

Aims

Cambridge IGCSE Physical Education is accepted by universities and employers as proof of knowledge and understanding of Physical Education. The syllabus encourages learners to:

- ▶▶ Develop their knowledge and understanding of the theory underpinning physical performance in a modern world.
- ▶▶ Use and apply this knowledge and understanding to improve performance.
- ▶▶ Perform in a range of physical activities, developing skills and techniques, and selecting and using tactics, strategies and/or compositional ideas.
- ▶▶ Understand and appreciate safe practice in physical activity and sport.
- ▶▶ Understand and appreciate the benefit of physical activity and sport for health, fitness and well-being.
- ▶▶ Gain a sound basis for further study in the field of Physical Education.

Syllabus Content

- ▶▶ Anatomy and Physiology
- ▶▶ Health Fitness and Training
- ▶▶ Skill Acquisition and Psychology
- ▶▶ Social Cultural and Ethical Influences

Assessment

Externally Assessed

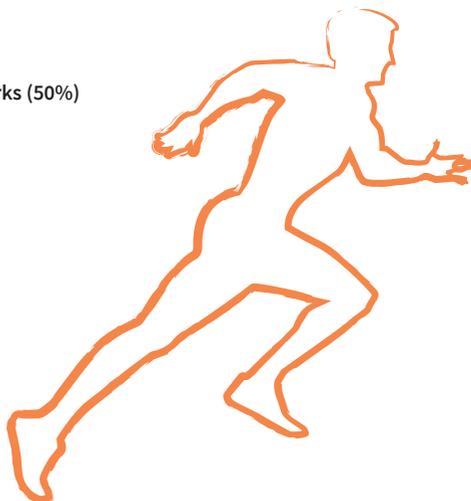
1. Written Examination (1 hour and 45 minutes) 100 marks (50%)

The exam consists of multiple-choice, short answer and extended written questions.

Internally Assessed and Externally Moderated

2. Coursework. 100 marks.

Candidates undertake four physical activities from at least two (2) of the seven (7) categories listed.



5.11. Subject Options

IGCSE Design and Technology

Examination Board

Cambridge (0445)

The combination of knowledge and skills in Cambridge IGCSE Design & Technology gives learners a solid foundation for further study. Candidates who achieve grades A* to C are well prepared to follow a wide range of courses including Cambridge International AS & A Level Design & Technology.

Aims

- ▶▶ IGCSE Design & Technology aims to enable students to develop creative thinking in areas relevant to design and technology. Students must be able to apply problem-solving skills to practical and technological problems and develop the communication skills central to design, realization and evaluation.
- ▶▶ Students will gain knowledge and understanding of design and technology, develop skills in research and investigation, design and make products, taking into consideration sustainability and the wider impact on society and develop the ability to make aesthetic, economic, ethical and technical value judgements.

Syllabus Content

The course will be divided into three specialist areas:

- ▶▶ Resistant Materials
- ▶▶ Graphic Products OR
- ▶▶ Systems and Control

Coursework

Students will need to complete ONE school project worth 50% which will be assessed within the school. It will be marked out of 100.

Examinations

Students will need to sit TWO external examinations, 1 hour and 1 hour 15 minutes in duration and worth 25% each. Each will be marked out of 50.

Assessment Objectives

The students will be assessed using the assessment objectives shown below:

AO1 Knowledge and understanding (30%)

- ▶▶ Recall, select and communicate knowledge and demonstrate understanding in Design and Technology, including its wider effects.

AO2 Application (50%)

- ▶▶ Apply knowledge, understanding and skills in a variety of contexts and in designing and making products.

AO3 Analysis and evaluation (20%)

- ▶▶ Analyse and evaluate products, including their design and production.

Be Ambitious



Themaïd Campus

Building 16, Street 1457, Zone 51
Al Themaïd
Doha, Qatar

General Enquiries: +974 4034 6800
E-mail: info.cisd@nais.qa



www.cisdoha.com