



Key Stage 4

2024-2025

Course Guide



Dear Parent/Guardian

Over the coming weeks you will have the chance to decide, with your child, on the curriculum they would like to study at Key Stage 4.

This booklet is the starting point of that process and will give you a chance to consider each course before deciding on the curriculum which will best reflect their personal talents and needs.

At this stage it is not expected that students will have a definite idea of what they want to do when they leave school. However, it is important to ensure that students continue with a broad and balanced range of subjects so that they are fully equipped when they come to face the fast changing and demanding world of higher education, industry, commerce and business.

We will invite you and your child into school for a meeting about your choices over the next few months but I also urge you to contact the school at any stage if you feel you need additional help or explanation.

***Ms Delphine,
Principal IBS***

IBS INTERNATIONAL
BRITISH SCHOOL

Choosing an option subject

Your teachers and other senior members of staff will be assisting you in the decisions regarding your options. You will have plenty of opportunity to talk to one of these teachers. You can help them to help you by talking to your parents, your other teachers and your tutor, and by reading these notes carefully.

Good luck!

You are beginning one of the most exciting and challenging periods of your life.

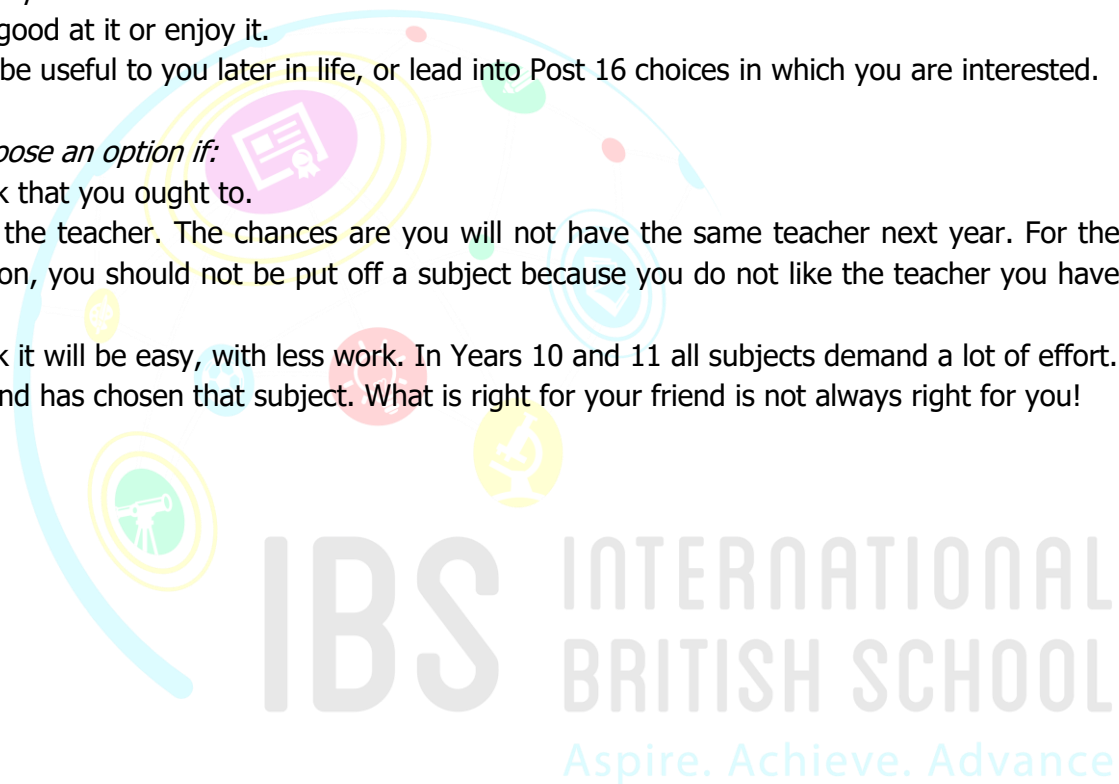
Do what is right for you, work hard and enjoy it.

Choose an option because:

- You are good at it or enjoy it.
- It might be useful to you later in life, or lead into Post 16 choices in which you are interested.

Do not choose an option if:

- You think that you ought to.
- You like the teacher. The chances are you will not have the same teacher next year. For the same reason, you should not be put off a subject because you do not like the teacher you have now!
- You think it will be easy, with less work. In Years 10 and 11 all subjects demand a lot of effort.
- Your friend has chosen that subject. What is right for your friend is not always right for you!



IGCSE Options Choices

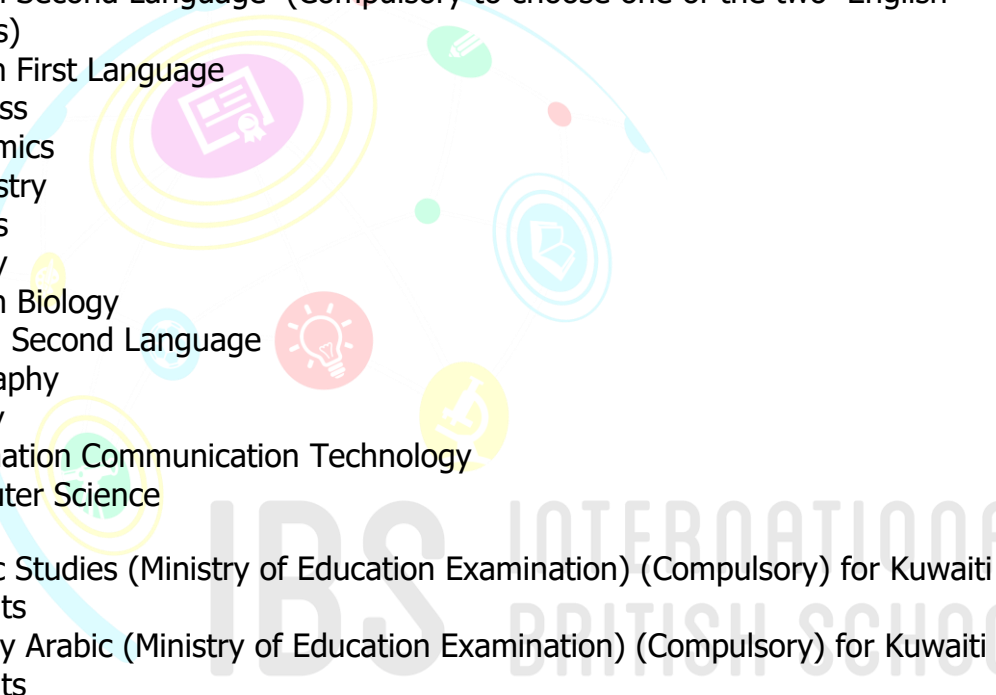
Contents:

Introduction to options choices

Information on IGCSE

University requirements

IGCSE subjects available:

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- ✓ Arabic First Language/Second Language
 - ✓ Mathematics (Compulsory to choose one of the two Maths options)
 - ✓ Further Mathematics (Must have a minimum of a grade A)
 - ✓ English Second Language (Compulsory to choose one of the two English options)
 - ✓ English First Language
 - ✓ Business
 - ✓ Economics
 - ✓ Chemistry
 - ✓ Physics
 - ✓ Biology
 - ✓ Human Biology
 - ✓ French Second Language
 - ✓ Geography
 - ✓ History
 - ✓ Information Communication Technology
 - ✓ Computer Science

 - ✓ Islamic Studies (Ministry of Education Examination) (Compulsory) for Kuwaiti students
 - ✓ Ministry Arabic (Ministry of Education Examination) (Compulsory) for Kuwaiti students

Information on University requirements :

As the entrance requirements for individual courses and universities vary greatly, it is important that you establish the particular entrance requirements for the course that you wish to study. In Year 10 all students will take a minimum of 8 subjects. University fairs and trips will be organised for Year 10 students to ask more specific questions regarding the entry requirements for universities.

Information on IGCSE:

IGCSEs (International General Certificates of Secondary Education) are internationally-recognised qualifications taken at the end of Year 11. The course length is usually 2 years full-time study. Following this, most students enrol on for a further 2 years of study ('AS' and 'A' level examinations).

IGCSEs require students to demonstrate an ability for analytical thought processes. Assessment will include evaluation of data, and sources of information, the wider implications of events and of social and economic structures, in addition to the recollection of facts.

All universities require students to have achieved at least IGCSE level in Mathematics and English, so these subjects are compulsory. Other subjects may be selected by the student according to his or her future career plans.

The syllabus studied is structured around the CAIE syllabus and the Edexcel syllabus. Both are recognised by employers and universities all over the world.

website: www.cie.org.uk

<https://qualifications.pearson.com/en/home.html>

Examinations:

These are conducted from April-June with resits in November for Cambridge and Edexcel. So the current Year 9 class (2023-24) will be prepared to sit the IGCSE Examinations in June 2026.

Student attendance:

Punctuality and attendance is extremely important during the IGCSE courses. Punctual attendance at all lessons is essential, and any work missed due to absence will need to be completed. International British School may recommend that an individual student does not sit a final examination if his or her teachers feel that the student is not fully prepared for that examination.

Mathematics

Edexcel 4MA1

Course Aims:

Mathematics is a compulsory subject, which is to be studied in Years 10 and 11. For the subject to be useful, students need the skills and confidence to apply, combine and adapt their mathematical skills and knowledge to new situations in their life and work

They need to identify and understand the role mathematics plays in the wider world, and use it to help them function as effective citizen

Course Content:

Students need to demonstrate their knowledge, understanding and skills in the following areas:

- ✓ **Ratio and Proportions**
- ✓ **Number and Algebra.**
- ✓ **Geometry and Measures**
- ✓ **Probability and Statistics.**

Course Assessment:

There will be no coursework assessment submitted to the Examining Board.

Foundation Curriculum	Higher Curriculum
(C-U)4-1	(A*-)/9-1
Paper 1 (2 hrs) (50%) Structured questions	Paper 1 (2 hrs) (50%) Structured questions
Paper 2 (2hrs) (50%) Structured questions	Paper 2 (2 hrs) (50%) Structured questions

Electronic calculators can be used for all papers and method must be clearly shown.

The Future:

As a compulsory subject, Mathematics is an essential element of the IGCSE options package. It is also highly relevant to those students wishing to embark on a career in ICT, Banking, Engineering, Insurance, Teaching, or those intending to establish their own businesses.

Further Mathematics

Edexcel 4PM1

Course Aims:

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

- Provide a course of study for those whose mathematical competence may have developed early
- Develop an understanding of mathematical reasoning and processes, and the ability to relate different areas of mathematics
- Enable students to acquire knowledge and skills with confidence, satisfaction and enjoyment
- Develop mathematical skills for further study in the subject or related areas
- Sets a solid basis for students wishing to progress to Edexcel AS and Advanced GCE Level, or equivalent qualifications

Course Content:

Students need to demonstrate their knowledge, understanding and skills in the following areas:

- Logarithmic functions and indices
- Quadratic functions
- Identities and inequalities
- Graphs
- Series
- Binomial series
- Scalar and vector quantities
- Rectangular Cartesian coordinates
- Calculus
- Trigonometry

Course Assessment:

A calculator may be used in the examination.

Formula sheet will be provided.

Paper number	Level	Assessment information	Number of marks allocated in the paper
Paper 1	Higher	Assessed through a 2-hour examination set and marked by Pearson. The paper is weighted at 50% of the qualification, targeted at grades 9–4 with 3 allowed.	100
Paper 2	Higher	Assessed through a 2-hour examination set and marked by Pearson. The paper is weighted at 50% of the qualification, targeted at grades 9–4 with 3 allowed.	100

Physics

4PH1 Edexcel

Course Aims:

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

1. Learn about unifying patterns and themes in physics and use them in new and changing situations.
2. Acquire knowledge and understanding of physical facts, terminology, concepts, principles and practical techniques.
3. Apply the principles and concepts of physics, including those related to the applications of physics, to different contexts.
4. Evaluate physical information, making judgements based on this information.
5. Appreciate the practical nature of physics, developing experimental and investigative skills based on correct and safe laboratory techniques.
6. 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.
7. Recognise the importance of accurate experimental work and reporting scientific methods in physics.
8. Select, organise and present relevant information clearly and logically using appropriate vocabulary, definitions and conventions.
9. Develop a logical approach to problem solving in a wider context.
10. Select and apply appropriate areas of mathematics relevant to physics as set out under each topic.
11. Prepare for more advanced courses in physics and for other courses that require knowledge of physics.

Course Content:

Physics is the science of the fundamental forces of the universe including matter and energy and of interactions between the two. Traditionally these are grouped in fields such as acoustics, optics, mechanics, thermodynamics, electromagnetism as well as modern extensions including atomic, nuclear physics and ocean chemistry, geological science and ecological science.

Assessment:

All candidates must enter for two papers. These will be Paper 1 (2hrs) and Paper 2 (1hr15).

To be a candidate for IGCSE physics you need at least a B from your exam grade in science and a B in maths not your overall report grade to be successful at dealing with the intense amount of information required for Science at IGCSE.

Physics Paper 1

Externally assessed
Written examination: 2 hours
Availability: January and June
First assessment: June 2019

Paper codes 4PH1/1P

61.1% of the total International GCSE
110 marks

Content summary

Assesses core content that is not in bold and does not have a 'P' reference. Questions may come from any topic area across the specification.

- 1 Forces and motion
- 2 Electricity
- 3 Waves
- 4 Energy resources and energy transfers
- 5 Solids, liquids and gases
- 6 Magnetism and electromagnetism
- 7 Radioactivity and particles
- 8 Astrophysics

Assessment

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

Physics Paper 2

Externally assessed
Written examination: 1 hour & 15 minutes 70 marks
Availability: January and June
First assessment: June 2019

Paper code 4PH1/2P

38.9% of the total International GCSE

Content summary

Assesses all the content, including content that is in bold and has a 'P' reference. Questions may come from any topic area across the specification. Statements in bold cover some sub-topics in greater depth.

- 1 Forces and motion
- 2 Electricity
- 3 Waves
- 4 Energy resources and energy transfers
- 5 Solids, liquids and gases
- 6 Magnetism and electromagnetism
- 7 Radioactivity and particles
- 8 Astrophysics

Assessment

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

The Future:

The IGCSE Physics course involves both theory and practical work. Students who are interested in careers in Medicine, Architecture, Engineering, Information Technology or Telecommunications are required to fully comprehend the topics listed in the course description.

Biology

4BI1 Edexcel

Course Aims:

The aims of the syllabus are to enable students to:

1. learn about unifying patterns and themes in biology and use them in new and changing situations.
2. acquire knowledge and understanding of biological facts, terminology, concepts, principles and practical techniques.
3. apply the principles and concepts of biology, including those related to the applications of biology, to different contexts.
4. evaluate biological information, making judgements on the basis of this information.
5. appreciate the practical nature of biology, developing experimental and investigative skills based on correct and safe laboratory techniques.
6. 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.
7. recognise the importance of accurate experimental work and reporting scientific methods in biology.
8. select, organise and present relevant information clearly and logically using appropriate vocabulary, definitions and conventions.
9. develop a logical approach to problem solving in a wider context.
10. select and apply appropriate areas of mathematics relevant to biology as set out under each topic.
11. prepare for more advanced courses in biology and for other courses that require knowledge of biology

Course Content:

Biology is the study of life and how living organisms interact with each other and their environment. It examines the nature and variety of living organisms, structure and function in living organisms, reproduction and inheritance, ecology and the environment and the use of biological resources. At the IGCSE level we will examine nervous control in humans, growth and development, energy flow, nutrient cycles and population dynamics. We will also examine the following previously introduced topics in greater detail: inheritance, reproduction, respiration, transportation, photosynthesis and the movement of particles in and out of cells and important fundamental understandings of chemistry, physics and maths.

Assessment:

All candidates must enter for two papers. These will be Paper 1 (2hrs), Paper 2 (1hr15). To be a candidate for IGCSE Biology you need at least a B from your exam grade in science not your overall report grade and a B in English to be successful at dealing with the intense amount of information required for science at IGCSE and be proficient in chemistry and Maths.

Biology Paper 1	*Paper code 4BI1/1B
<ul style="list-style-type: none"> Externally assessed Availability: November and June First assessment: June 2019 	61.1% of the total International GCSE
<p><u>Content summary:</u></p> <p>Assesses core content that is not in bold and does not have a 'B' reference. Questions may come from any topic area across the specification.</p> <ol style="list-style-type: none"> The nature and variety of living organisms Structures and functions in living organisms Reproduction and inheritance Ecology and the environment Use of biological resources 	
<p><u>Assessment:</u></p> <ul style="list-style-type: none"> The paper is assessed through a 2-hour written examination paper set and marked by Pearson. The total number of marks is 110. A mixture of different question styles, including multiple-choice questions, short-answer questions, calculations and extended open-response questions. A calculator may be used in the examinations. 	

Biology Paper 2	*Paper code 4BI1/2B
<ul style="list-style-type: none"> Externally assessed Availability: November and June First assessment: June 2019 	38.9% of the total International GCSE
<p><u>Content summary:</u></p> <p>Assesses all the content, including content that is in bold and has a 'B' reference. Questions may come from any topic area across the specification.</p> <p>Bold statements cover some sub-topics in greater depth.</p> <ol style="list-style-type: none"> The nature and variety of living organisms Structures and functions in living organisms Reproduction and inheritance Ecology and the environment Use of biological resources 	
<p><u>Assessment:</u></p> <ul style="list-style-type: none"> The paper is assessed through a 1-hour 15-minute written examination paper set and marked by Pearson. The total number of marks is 70. A mixture of different question styles, including multiple-choice questions, short-answer questions, calculations and extended open-response questions. A calculator may be used in the examinations. 	

The Future:

The IGCSE Biology course involves both theory and practical work. Students who are interested in careers in Medicine, Agriculture, Genetics, Molecular Biology, Biochemistry and Nursing are required to fully comprehend the topics listed in the course description.

Human Biology

4HB1 Edexcel

Course Aims:

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

1. learn about human body systems and how they interact to support the healthy functioning of an individual and apply this knowledge in new and changing situations
2. acquire knowledge and understanding of human biological facts, terminology, systems and practical techniques
3. apply the principles and concepts of biology in relation to the health of individuals and populations in different contexts
4. evaluate biological information, making judgements for the implications for human biology on the basis of this information
5. appreciate the practical nature of human biology, developing experimental and investigative skills based on correct and safe laboratory techniques
6. know that practical work carried out directly on humans is limited due to ethical and moral considerations
7. 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
8. recognise the importance of accurate experimental work and reporting as scientific methods in human biology
9. select, organise and present relevant information clearly and logically using appropriate vocabulary, definitions and conventions
10. develop a logical approach to problem solving in a wider context
11. select and apply appropriate areas of mathematics relevant to human biology as set out under each topic
12. prepare for more advanced courses in biology and for other courses that require knowledge of human biology, such as health and social care.

Course Content:

Human biology is the study of all aspects of the human organism including evolution, genetics, anatomy and physiology, development, anthropology, and nutrition, among others. At the IGCSE level we will examine the circulatory system, nervous control in humans, growth and development. We will also examine the following topics in greater detail: inheritance, reproduction, respiration, transportation, bones, joint, muscles and the movement of particles in and out of cells.

Assessment:

All candidates must enter for two papers. These will be Paper 1 (1hr45), Paper 2 (1hr45). To be a candidate for IGCSE Human Biology you need at least a B from your exam grade in science not your overall report grade and a B in English to be successful at dealing with the intense amount of information required for science at IGCSE and be proficient in Chemistry and Maths.

Human Biology Paper 1	*Paper code 4HB1/01
<ul style="list-style-type: none"> Externally assessed Availability: November and June First assessment: June 2019 	50% of the total International GCSE
Content summary <ol style="list-style-type: none"> Cells and tissues Biological molecules Movement of substances in and out of cells Bones, muscles and joints Coordination Nutrition and energy Respiration Gas exchange Internal transport Homeostatic mechanisms Reproduction and heredity Disease 	
Assessment <ul style="list-style-type: none"> The paper is assessed through a 1-hour 45-minute written examination paper set and marked by Pearson. The total number of marks is 90. A mixture of different question styles, including multiple-choice questions, short-answer questions, calculations and extended open-response questions. A calculator may be used in the examinations. 	

Human Biology Paper 2	*Paper code 4HB1/02
<ul style="list-style-type: none"> Externally assessed Availability: November and June First assessment: June 2019 	50% of the total International GCSE
Content summary <ol style="list-style-type: none"> Cells and tissues Biological molecules Movement of substances in and out of cells Bones, muscles and joints Coordination Nutrition and energy Respiration Gas exchange Internal transport Homeostatic mechanisms Reproduction and heredity Disease 	
Assessment <ul style="list-style-type: none"> The paper is assessed through a 1-hour 45-minute written examination paper set and marked by Pearson. The total number of marks is 90. A mixture of different question styles, including multiple-choice questions, short-answer questions, calculations, comprehension and extended open-response questions. A calculator may be used in the examinations. 	

The Future:

The IGCSE Human Biology course involves both theory and practical work. Students who are interested in careers in Medicine, physiology, Genetics, entering healthcare as physicians, physical therapists, Nurses, pharmacists, dentists, optometrists, Forensic Scientist or conducting research and epidemiology are required to fully comprehend the topics listed in the course description.

Chemistry

Edexcel 4CH1

Course Aims:

The aims of the syllabus are to:

1. Recognize that chemistry transcends national boundaries and that the language of chemistry, correctly and rigorously applied, is universal.
2. Develop skills which encourage safe and efficient laboratory practice.
3. Be suitably prepared for studies beyond the IGCSE level in pure chemistry, in applied chemistry or in chemistry-dependent vocational courses.

Course Content:

Chemistry is the science of the composition, structure, and properties using the fundamental aspects of physics, and reactions of matter, especially of atomic and molecular systems. At the IGCSE level we will introduce how electricity can relate to chemistry, stoichiometry and organic chemistry. In addition, we will also examine the following previously introduced topics in greater detail: atoms, elements, chemical reactions, acids, bases and metals.

Assessment :

All candidates must enter for two papers. These will be Paper 1 (2hrs) and Paper 2 (1hr15).

To be a candidate for IGCSE Chemistry you need at least a B from your exam grade in science and a B in maths not your overall report grade to be successful at dealing with the intense amount of information required for science at IGCSE

Qualification at a glance:

The Pearson Edexcel International GCSE in Chemistry comprises two externally-assessed papers:

- Chemistry Paper 1
- Chemistry Paper 2.

Paper overview:

Chemistry Paper 1 *Paper code 4CH1/1C

- Externally assessed

61.1% of the total International GCSE

- Availability: November and June
- First assessment: June 2019

Content summary:

Assesses core content that is not in bold and does not have a 'C' reference. Questions may come from any topic area across the specification.

- 1. Principles of chemistry**
- 2. Inorganic chemistry**
- 3. Physical chemistry**
- 4. Organic chemistry**

Assessment:

- The paper is assessed through a 2-hour written examination paper set and marked by Pearson.
- The total number of marks is 110.
- A mixture of different question styles, including multiple-choice questions, short-answer questions, calculations and extended open-response questions.
- A calculator may be used in the examinations.

Chemistry Paper 2 *Paper code 4CH1/2C

- Externally assessed

38.9% of the total International GCSE

- Availability: November and June
- First assessment: June 2019

Content summary:

Assesses all the content, including content that is in bold and has a 'C' reference. Questions may come from any topic area across the specification. Bold statements cover some sub-topics in greater depth.

- 1. Principles of chemistry**
- 2. Inorganic chemistry**
- 3. Physical chemistry**
- 4. Organic chemistry**

Assessment:

- The paper is assessed through a 1-hour and 15-minute written examination paper set and marked by Pearson.
- The total number of marks is 70.
- A mixture of different question styles, including multiple-choice questions, short-answer questions, calculations and extended open-response questions.
- A calculator may be used in the examinations.

The Future:

The IGCSE Chemistry course involves both theory and practical work. Students who are interested in careers in Medicine, Petroleum Refining, Chemical Engineering, Forensic Science, Analytical Chemistry, biological sciences, ecological sciences, geological sciences, earth sciences and Toxicology are required to fully comprehend the topics listed in the course description.

Business

Edexcel 4BS1 (9-1)

Course aims:

- Develop an interest in and enthusiasm for the study of business.
- Develop an understanding of business concepts, business terminology, business objectives and the integrated nature of business activity.
- Understand how the main types of business are organised, financed and operated.
- Develop and apply knowledge, understanding and skills to contemporary business issues in a wide range of businesses from small enterprises to large multinationals and businesses operating in local, national and global context.
- Develop critical-thinking and enquiry skills to distinguish between facts and opinion, calculating, interpreting and evaluating business data, to help build arguments and make informed judgements.
- Develop an understanding of the dynamics of business activity and the related considerations of ethics and sustainability for global businesses.

Course content:

1. **Business activity and influence on Business**
2. **People in business.**
3. **Business finance**
4. **Marketing**
5. **Business operations**

Course Assessment:

Assessment is through two papers as follows:

Paper 1: (1hr 30mins) this paper will draw on topics taken from the whole of the subject content. The question scenarios are based on a small business – up to 49 employees. It consists of four compulsory questions, each worth 20 marks – total of 80 marks in Paper 1.

The sub-questions are a mixture of multiple-choice, short-answer, data-response and open-ended questions.

Paper 2: (1hr 30mins) this paper will draw on topics taken from the whole of the subject content. The question scenarios are based on a large business – more than 250 employees. It consists of four compulsory questions, each worth 20 marks – total of 80 marks in Paper 2.

The sub-questions are a mixture of multiple-choice, short-answer, data-response and open-ended.

The Future:

The Business Studies IGCSE is an excellent foundation course for those students considering a career in Management, Accountancy, Banking, Marketing or the Insurance industry.

Economics

Edexcel 4EC1 (9-1)

The Edexcel IGCSE Economics syllabus enables students to:

- Develop an understanding of economic concepts and apply these concepts to real-life situations
- Calculate, interpret and evaluate economic data in order to make reasoned arguments and informed judgements
- Develop an awareness of economic change and its impact on developing and developed economies
- Understand economic issues, problems and possible solutions that affect mixed economies
- Participate effectively in society as citizens, producers and consumers
- The Edexcel IGCSE Economics syllabus provides a foundation for further study, including Edexcel International AS & A Level Economics, or the equivalent.

Course Content:

Paper 1: 1 hour 30 minutes, consisting of four compulsory questions, each worth 20 marks. The sub questions are a mixture of multiple-choice, short-answer, data response and open-ended questions.

The market system:

- | | |
|--|-------------------------|
| 1. The economic problem | 2. Economic assumptions |
| 3. Demand, supply and market equilibrium | 4. Elasticity |
| 5. The mixed Economy | 6. Externalities |

Business economics:

- | | |
|--|--|
| 1. Production | 2. Productivity and division of labour |
| 3. Business costs, revenues and profit | 4. Business competition |
| 5. The labour market | 6. Government intervention |

Paper 2: 1 hour 30 minutes, consisting of four compulsory questions, each worth 20 marks. The sub questions are a mixture of multiple-choice, short-answer, data response and open-ended questions.

Content:

Government and the economy:

1. Macroeconomic objectives
2. Government policies
3. Relationships between objectives and policies

The global economy:

1. Globalisation
2. International trade
3. Exchange rates

ICT

Cambridge 0417 (A*-G)/0983 (9-1)

Aims are to develop:

- An understanding of the basic components, use and application of different ICT systems and networks
- The skills to analyse, design, implement, test and evaluate ICT systems
- The skills to understand the impact of current and new technologies on methods of working in the outside world
- The ability to recognise potential risks when using ICT, and use safe, secure and responsible practice

Content overview:

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

Assessment overview:

All candidates take three papers.

Paper 1

Theory

80 marks

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

Externally assessed

1 hour 30 minutes

40%

Paper 2

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

Externally assessed

2 hours 15 minutes

30%

Paper 3

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

2 hours 15 minutes

30%

Computer Science

Cambridge 0478 (A*-G)/0984 (9-1)

Aims:

The aims are to enable students to develop:

- ✓ Computational thinking skills
- ✓ An understanding of the main principles of solving problems using computers
- ✓ The skills necessary to solve computer-based problems using a high-level programming language
- ✓ An understanding of the component parts of computer systems and how they interrelate
- ✓ An understanding of the internet as a means of communication and its associated risks
- ✓ An understanding of the development and use of automated and emerging technologies.

Content overview:

Candidates study the following topics:

Computer systems:

1. Data representation
2. Data transmission
3. Hardware
4. Software
5. The internet and its uses
6. Automated and emerging technologies

Algorithms, programming and logic:

1. Algorithm design and problem-solving
2. Programming
3. Databases
4. Boolean logic

Paper 1	1 hour 45 minutes
Computer Systems	50%
75 marks	
Short-answer and structured questions	
Questions will be based on Topics 1–6 of the subject content	
Externally assessed	

Paper 2	1 hour 45 minutes
Algorithms, Programming and Logic	50%
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	

English as a Second Language Cambridge 0510/0511 (A-G) 0991/0993 (9-1)

Course Aims:

This two year course aims to develop and assess the language skills of pupils who do not speak English as their native language, with an emphasis on practical communication and an ability to respond to a variety of text types.

Course Content:

This IGCSE reflects the widespread use of English as a medium for academic instruction, commercial activity, entertainment and international communication; as such, it is an ideal preparation for entry to higher courses of study in all subject areas.

The examination is divided into **four** key components:

Reading, Writing, Listening and Speaking.

Course Assessment:

Candidates are assessed through an examination at the end of the second year. They will sit the Extended papers for Reading, Writing and Listening. All candidates are encouraged to complete the three papers below. The papers are weighted as follows:

Paper 1 (Reading and Writing)

- ✓ 2 hours (50%)

Paper 2 (Listening) Extended

- ✓ 50 minutes (25%)
- ✓

Paper 3 (Speaking)

- ✓ 10-15 minutes (25%)

IGCSE Second Language provides a solid foundation for all other studies. At most Universities worldwide, English is a requirement and required to qualify for most courses at post-school level.

Due to the fact that English is considered to be a world language, a good working knowledge of English gives students an advantage at both college/university level and in their future career.

English as a First Language

Cambridge 0500 (A*-G)/0990 (9-1)

Course Aims:

The aims are to enable students to:

- Read a wide range of texts, fluently and with good understanding, enjoying and appreciating a variety of language
- Read critically, and use knowledge gained from wide reading to inform and improve their own writing
- Write accurately and effectively, using Standard English appropriately
- Work with information and with ideas in language by developing skills of evaluation, analysis, use and inference
- Listen to, understand, and use spoken language effectively
- Acquire and apply a wide vocabulary, alongside a knowledge and understanding of grammatical terminology and linguistic conventions.

Course Content:

Cambridge IGCSE First Language English offers candidates the opportunity to respond with understanding to a rich array of reading texts during the course. 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. This course is recommended for students who want to study in English at university level.

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:

All candidates take two papers. Paper 1, and one of Paper 2 or Component 3. Candidates will be eligible for grades A* to G. Component 4 is optional and assesses speaking and listening skills. This component is separately endorsed, and marks will not contribute to a candidate's overall grade.

All candidates take:

Paper 1 (Reading)

2 hours (50%)

Paper 2 (Writing)

2 hours (50%)

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Arabic First Language

Cambridge 0508 (A*-G)/7184 (9-1)

Course Aims:

The aims of the syllabus are the same for all students. The aims are set out below and describe the educational purposes of a course in a First Language for the IGCSE examination. They are not listed in order of priority.

The aims are to:

- Enable students to communicate accurately, appropriately and effectively in writing;
- Enable students to understand and respond appropriately to what they read;
- Encourage students to enjoy and appreciate the variety of language;
- Complement the students' other areas of study by developing skills of a more general application (e.g. analysis, synthesis, drawing of inferences);
- Promote the students' personal development and an understanding of themselves and others.

Course Content:

Reading

- Demonstrate understanding of words within extended texts
- Scan for and extract specific information
- Identify main and subordinate topics, summarise, paraphrase, re-express
- Show some sense of how writers achieve their effects
- Recognise and respond to simple linguistic devices including figurative language
- Show a more precise understanding of extended texts
- Recognise the relationship of ideas
- Evaluate effectiveness, draw inferences, compare, analyse synthesise
- Show understanding of how writers achieve their effects
- Recognise and respond to more sophisticated linguistic devices

Writing

- Express thoughts, feelings and opinions in order to interest, inform or convince the reader
- Show some sense of audience
- Demonstrate adequate control of vocabulary, syntax and grammar
- Exercise care over punctuation and spelling
- Write accurate simple sentences
- Attempt a variety of sentence structures
- Recognise the need for paragraphing
- Use appropriate vocabulary
- Show a wider and more varied sense of different styles to interest, inform or convince the reader
- Show a clear sense of audience
- Demonstrate a sophisticated use of vocabulary and structures

- Demonstrate accuracy in punctuation and spelling
- Write accurate complex sentences
- Employ varied sentence structures
- Write in well-constructed paragraphs
- Use imaginative and varied sentences

Assessment:

Cambridge IGCSE First Language examinations comprise two papers.

All candidates take Papers 1 and 2 and are eligible for the award of grades A* to G.

Candidates answer two questions:

Paper 1 – Reading (2 hours)

Question 1 – 25 marks

Candidates answer a series of comprehension questions based on Passage 1.

Question 2 – 25 marks

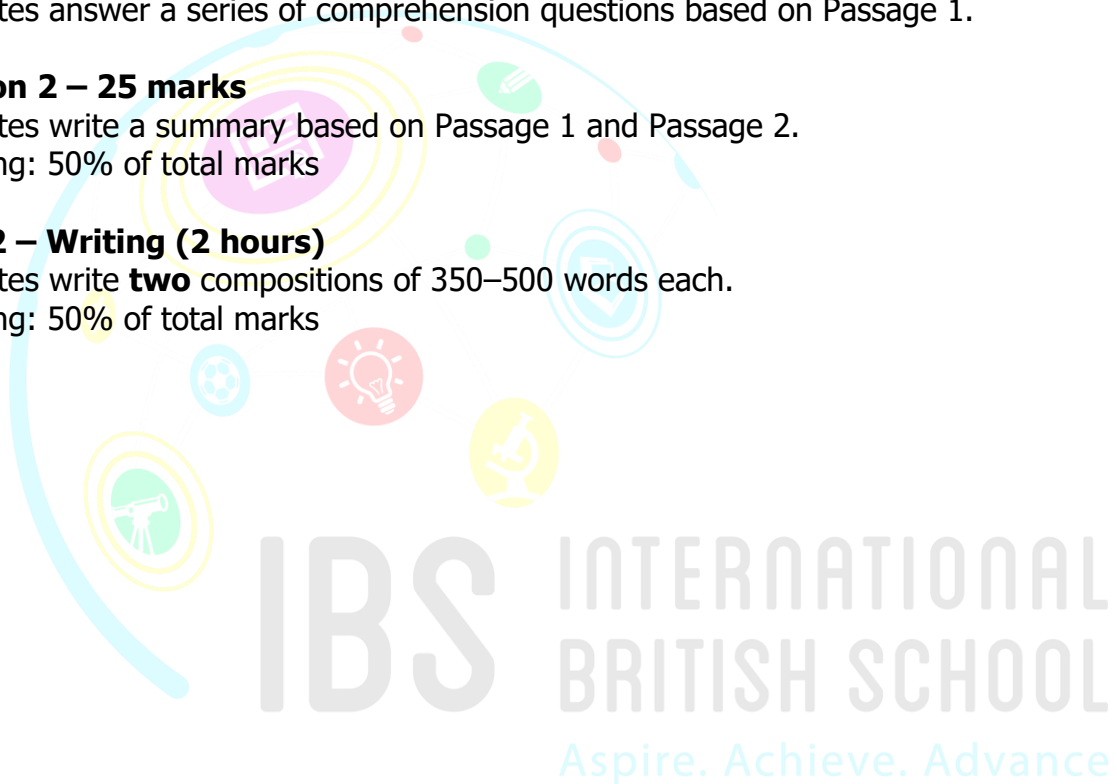
Candidates write a summary based on Passage 1 and Passage 2.

Weighting: 50% of total marks

Paper 2 – Writing (2 hours)

Candidates write **two** compositions of 350–500 words each.

Weighting: 50% of total marks



Arabic Second Language Cambridge 0544 (A-G)

This is designed for learners who are learning Arabic as a foreign language. The aim is to develop an ability to use the language effectively for purposes of practical communication. The course is based on the linked language skills of listening, reading, speaking and writing, and these are built on as learners progress through their studies.

The syllabus also aims to offer insights into the culture and civilisation of countries where Arabic is spoken, thus encouraging positive attitudes towards language learning and towards speakers of foreign languages.

Area A: Everyday activities

Homelife and school

Food health and fitness

Area B: Personal and social life

Self, family and personal relationships

Holidays and special occasions

Area C: The world around us

Home town and local area

Natural and made environment

People, places and customs

Area D: The world of work

Continuing education

Careers and employment


Language and communication in the work place

Area E: The international world

Tourism at home and abroad

Life in other countries and communities

World events and issues



Paper 2	reading	1 hour	45 marks	Externally assessed	33%
Paper 3	speaking	15 mins	100 marks	Internally assessed/ Externally moderated	33%
Paper 4	writing	1 hour	50 marks	Externally assessed	33%

French as a Second Language

Edexcel – 4FR1

The French course enables students to develop their understanding of French in speaking, reading, writing and listening in a range of familiar and practical contexts. Grammar will be practised and assessed in all four skills and in an independent task in the reading and writing paper.

The topics are as follow:

- A. Home and abroad:** Life in the town and rural life; Holidays, tourist information and directions; Services (e.g. bank, post office)*; Customs; Everyday life, traditions and communities.
- B. Education and employment:** School life and routine, School rules and pressures, School trips, events and exchanges, Work, careers and volunteering, Future plans.
- C. Personal life and relationships:** House and home, Daily routines and helping at home, Role models*, Relationships with family and friends, Childhood*.
- D. The world around us:** Environmental issues, Weather and climate*, Travel and transport, The media, Information and communication.
- E. Social activities, fitness and health:** Special occasions, Hobbies, interests, sports and exercise, Shopping and money matters, Accidents, injuries, common ailments and health issues*, food and drink.

Paper 1: Listening	Externally assessed	40 marks	35 mins	25% of final mark
Paper 2: Reading & writing	Externally assessed	80 marks (40 reading, 40 writing)	1hr 45 mins	50% of final mark
Paper 3: Speaking	Externally assessed	40 marks	Around 10 mins	25% of final mark

History

Cambridge 0470/0977

At IBS we feel the IGCSE History Option B, 'The 20th Century: International Relations since 1919' curriculum, is more beneficial to our students, more relevant to the modern world and world events today, and as such, the history of the twentieth century is the focus area. The IGCSE course emphasises two precise aspects of the twentieth century.

The first area of study is International Relations since 1919. This covers the themes of international relations from 1919-1939 and the tension and co-operation since 1945. The second area of study is that of a major country or region, known as Depth Studies.

Assessment: Students will be assessed over 3 exams:

	<u>Time in hours</u>	<u>% of final grade</u>	<u>Exam</u>
Paper 1	Written paper, 2 hours, 60 marks	40	Answer three questions in total, two from core content topic and one question on a depth study topic. All questions are in the form of structured essays, split into three parts: (a), (b) and (c).
Paper 2	Written paper, 1 hours 45 min 40 marks	30	Answer one question on the prescribed topic from the Core content in Option B. Each question has five parts. Each question includes a range of source material relating to the prescribed topic, with a maximum of seven sources. The five question parts are based on the source material provided. For examination in 2024, the prescribed topics are: • How effectively did the United States contain the spread of communism? (June exam) • Who was to blame for the Cold War? (November exam). For examination in 2025, the prescribed topics are: • To what extent was the League of Nations a success? (June exam) • How far was Hitler's foreign policy to blame for the outbreak of war in Europe in 1939? (November exam)
Paper 4	Written paper, 1 hour, 40 marks	30	Alternative to course work. Answer one question on a Depth Study topic that they have studied throughout the course.

Geography **Edexcel (4GE1)**

Students who choose to study Geography at IGCSE level will follow the Edexcel International GCSE in Geography curriculum. The course is split into 3 main areas, they are:

Section A – The Natural Environment

Section B – People and their Environments

Section C – Global Issues

Assessment:



Paper number and unit title	Assessment information	Number of raw marks allocated in the paper
Paper 1: Physical geography	<p>1 hour and 10 minute examination in two sections and resource booklet.</p> <p>Candidates will be asked to answer two out of three questions in Section A and one out of three questions in Section B.</p> <p>Section A consists of multiple-choice, short-answer, data-response, and open-ended questions.</p> <p>Section B requires candidates to use knowledge and understanding from research and fieldwork that they have carried out. Candidates must not take materials into the examination.</p>	70
Paper 2: Human geography	<p>1 hour and 45 minute examination in three sections and resource booklet.</p> <p>Candidates will be asked to answer two out of three questions in Section A, one out of three questions in Section B and one out of three questions in Section C.</p> <p>Section A consists of multiple-choice, short-answer, data-response, and open-ended questions.</p> <p>Section B requires candidates to use knowledge and understanding from research and fieldwork that they have carried out. Candidates must not take materials into the examination.</p> <p>Section C consists of multiple-choice, short-answer, data-response, and open-ended questions.</p>	105

Islamic Studies

General Aims:

The aims of the syllabus are as the same as that of the aims for those Arab Speaking students offering Islamic Education, which are to:

1. Promote an enquiring, critical and sympathetic approach to the study of religion (Islam), especially in its individual and corporate expression in the contemporary world.
2. Introduce candidates to the challenging and varied nature of religion, and to the ways in which this is reflected in experience, belief and practice.

3. Help candidates to identify and explore questions about the meaning of life, and to consider such questions in relation to religious traditions.
4. Encourage candidates to reflect on religious responses to moral issues.
5. Enable candidates to recognize and appreciate the contribution of religion in the formation of patterns of belief and behaviour.

This syllabus contains seven topics, each of which contains a number of themes. The topics are as follows:

- a) **Aqeedah (Theology / Beliefs):** At-Tawheed and its three aspects; Names and Attributes of Allah; As-Shirk and its types; Al-Iman and its six articles; Angels and Last Day.
- b) **Qur'an and Its science:** The Qur'an and its origin; its compilation; its division according to its revelation; the concept of revelation (Wahy); the importance of Qur'an and manners of its recitation and its holding.
- c) **Hadeeth (Prophetic traditions):** Its meaning, its types; the reporters of Hadeeth and its preservation.
- d) **Fiqh (Islamic Jurisprudence):** Place and Form of worship; As -Salat (Prayer) and its kind; Wuduu'u (ablution) and Tayammam; Sawmu (Fasting); Zakat (Charity) and Hajj.
- e) **Seerah (History):** Life history of Prophet Muhammad; Khulafai Rashiduun (Orthodox Caliphs);
- f) **Tahdheeb (Etiquettes/Manners):** Manners of Greeting; Obedience of Parents. etc.
- g) **Festivals, Fasts and Special Days:** Eid-Fitr (the end of Ramadan); Eid – Adha (feast of sacrifice) Lailat al-Qadir (Night of Power); Marriage and Funeral ceremonies.

The final examination for these students shall be conducted in the school.

التربية الإسلامية

الدراسات في التربية الإسلامية تكون على حسب مناهج وزارة التربية بالكويت .
وستكون الدراسة في الموضوعات الآتية :-

- القرآن الكريم
- الأحاديث الشريفة
- الدراسات الإسلامية

متطلبات المادة :

ملحوظة:- سيكون امتحان نهاية العام للصف الحادي عشر من قبل وزارة التربية بالكويت هي التي تحدد المكان والموعد وامتحان القرآن الكريم سيكون تحريريًا .

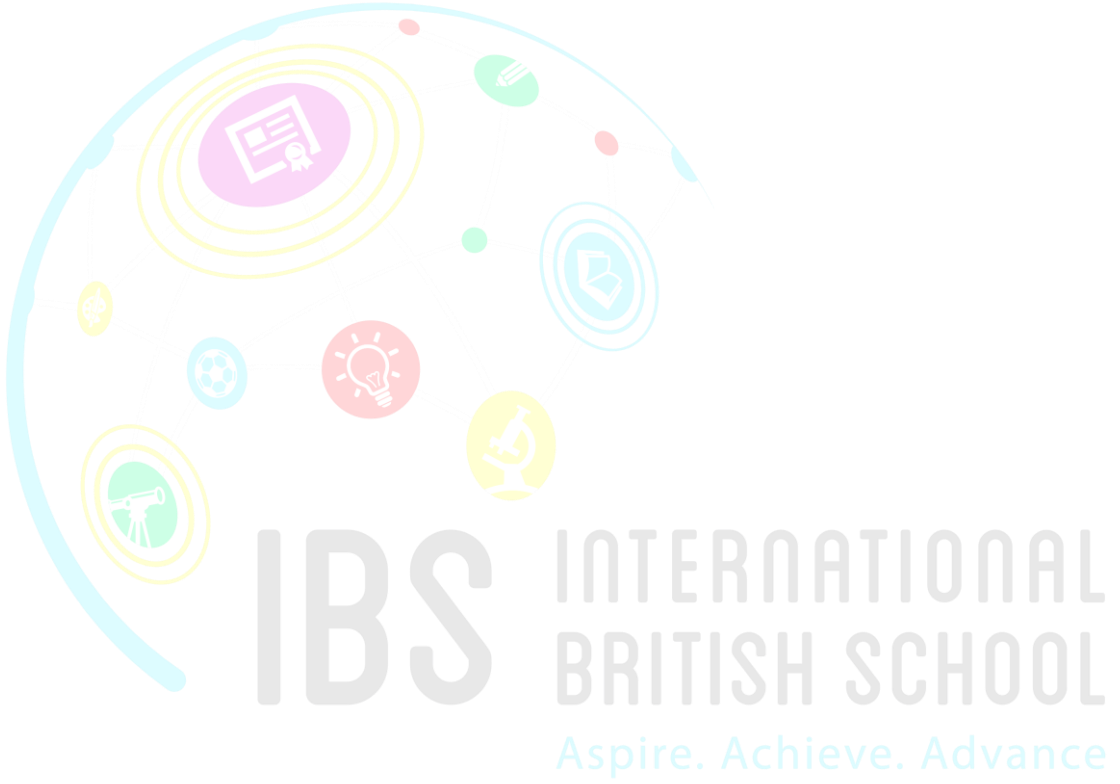
الأهداف العامة لتدريس مادة القرآن الكريم للمرحلة الثانوية:

- 1) العمل على تنشئة أبنائنا على أساس من الارتباط الوثيق بكتاب الله عزّ وجلّ , عملاً بما جاء في حديث النبي - صَلَّى الله عليه وسلّم - :- " خيركم من تعلّم القرآن وعلمه "
- 2) ترغيب المتعلمين في تلاوة القرآن الكريم وحفظه , والإرتباط به في كل وقت وحين .
- 3) ضبط النطق بكلمات القرآن الكريم لغويًا وصون اللسان عن الخطأ .
- 4) استمرارية وضع المتعلمين على الطريق الميسر لحفظ القرآن الكريم وتجويده مما يشجعهم مستقبلاً على استكمال حفظه والعمل به .
- 5) تنمية الوازع الديني لدى المتعلمين وتدريبهم على الضبط الذاتي لسلوكهم مع أنفسهم ومع من حولهم .
- 6) تعميق الاتجاه نحو الاعتزاز بكتاب الله - تعالى - وتعظيم ما جاء فيه وتطبيقه سلوكيًا .
- 7) بث روح المنافسة والتسابق في العناية بالقرآن الكريم حفظًا وتجويدًا وفهمًا وإتقانًا .
- 8) تزويد المتعلم بطرق وأساليب حفظ القرآن الكريم .

الأهداف العامة لتدريس مادة التربية الإسلامية للمرحلة الثانوية :

- 1) إذكاء روح الإيمان بالله تعالى خالق الكون ومبدعه وبرسول الله صَلَّى الله عليه وسلّم وبكل ما جاء به ودعم تلك الروح .
- 2) تعميق أسس العقيدة وحمائتها من التيارات الزائفة .
- 3) تبصير الطالب بفلسفة الإسلام وتشريعاته .
- 4) تحقيق الوحدة الفكرية المبنية على العقيدة الإسلامية تحصينًا من السقوط في هوة التمزق والصراع .
- 5) حماية الطالب من الشك والصراع النفسي .
- 6) توضيح موقف الدين من حركة العصر وعملية التغيير .

- (7) الكشف عن الجانب الحضاري في الإسلام وأنه مصدر التشريع في كل زمان ومكان .
- (8) إعداد الإنسان المتوازن فكريًا وعاطفة ليلائم بين الحياتين : الأولى والآخرة .
- (9) تعريف الشباب المسلمين بأوضاع المجتمعات الإسلامية وظروفها في بقاع الأرض والتفاعل مع مشكلاتهم وتقديم العون لهم.
- (10) ربط الطالب ربطًا قويًا بكتاب الله وسنة رسوله صلى الله عليه وسلم وبالتراث الإسلامي .



Islamic Education for non-Arabic Muslims

وزارة التربية الإدارة العامة للتعليم الخاص المدرسة البريطانية الدولية قسم اللغة العربية والتربية الإسلامية

اللغة العربية:

جميع الطلاب العرب يدرسون مناهج اللغة العربية الموضوعة من قبل وزارة التربية بالكويت وتشتمل الدراسة على المواد الآتي ذكرها : -

- الأدب ، النصوص الأدبية والشعرية و البلاغة
- مهارات الكتابة والتعبير و قواعد النحو والصرف

متطلبات المادة :

يكون امتحان نهاية العام للصف الحادي عشر من قبل وزارة التربية بالكويت كما تحدد المكان والموعّد للاختبارات.

الأهداف العامة لتدريس اللغة العربية للمرحلة الثانوية :

إذا كانت وظيفة المدرسة في الصفوف الأخيرة من التعليم قبل الجامعي إعداد الفرد للحياة ومواصلة التعليم العالي، فإنّ هذه المرحلة تعدّ من أهم المراحل وأخطرها أثرًا في حياة المتعلم، وتحمل اللغة العربية العبء الأكبر في توجيه المتعلم إلى كشف قدراته وتأكيد ذاته، وإعداده للإسهام في تحقيق آمال وطنه وأمتة بالعلم والمعرفة في ظل قيم ديننا الحنيف وفضائله.

من هذه المنطلقات وفي ضوء الأهداف العامة للتربية وأهداف اللغة العربية يمكن أن تتحقق الأهداف الآتية:-

- أن ينمو اتجاه المتعلم نحو لغته حبًّا لها واعتزازًا بممارستها ورغبة في الاستزادة منها بوصفها لغة القرآن الكريم ولغة تراث الأمة وحضارتها .
- أن تعمق لدي المتعلم قيم الإسلام ومبادئه فتتضح في سلوكه الشخصي وفي نظراته إلى الأحداث والمواقف .

- أن ينمو شعور المتعلم بالاعتزاز بوطنه وبأمتة العربية والإسلامية منطلقاً من عمق الروابط التي تربطه بأبنائها .
- أن يجعل العمل ضرورة حياة لمستقبله ويتهيأ لممارسته إعداداً واستعداداً في المجال الذي يناسب خبراته وقدراته ورغباته .
- أن يزداد معرفة بعالمه المعاصر (حضاراته وثقافته ومنجزاته ومشكلاته) وأن يسلك سبيل الانتفاع بما يصل إليه من تجاربه .
- أن تنعكس لدى المتعلم مقومات التعلم الذاتي والاتصال بمصادر المعرفة معتمداً على نفسه.
- أن يتمكن من استخدام أساليب التفكير العلمي في معالجة القضايا ومواجهة المشكلات .
- أن يستقيم لسانه ويصح بيانه ويحسن تغييره : تحدثاً وحواراً وتعقيباً.
- أن ينطلق في القراءة بنوعيتها (جهرية وصامتة) وبمستوياتها المختلفة نقداً وتذوقاً وتعرفاً وتحصيلاً للمعلوماتإلخ .
- أن يكتب فيه ضح مقصده ويستقيم قلمه وتكامل عباراته ويصبح ما يكتب رسماً ومعنى وغاية .
- أن يحسن تطبيق ما اكتسبه من خبرات ذات اتصال بالسلامة اللغوية : تحدثاً وقراءة وكتابة .
- أن تنمو لدى المتعلم القدرة على التحليل والنقد والموازنة بين النصوص الأدبية في ضوء المفاهيم النقدية الأصلية والاتجاهات المعاصرة .

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List of IGCSE Subjects currently available at IBS

Subject	Exam Board	Subject Code
Mathematics	Edexcel	4MA1
Further Maths	Edexcel	4PM1
English as 2 nd Language	Cambridge	0510/0511 0991/0993
English as 1 st Language	Cambridge	0990/0511
Biology	Edexcel	4BI1
Human biology	Edexcel	4HB1
Chemistry	Edexcel	4CH1
Physics	Edexcel	4PH1
ICT	Cambridge	0417/0983
Computer studies	Cambridge	0478/0984
French	Edexcel	4FR1
Arabic second Language	Cambridge	0544
Arabic 1st Language	Cambridge	0508
Business Studies	Edexcel	4BS1
Economics	Edexcel	4EC1
History	Cambridge	0470/0977
Geography	Edexcel	4GE1

To run a subject, we require a minimum of 3 students.

Option Choices

Student Name _____

When you have had time to read the Options booklet and discussed it with your son or daughter we would like you to fill in the Preliminary Option Choices below and **return them to school by end of March.**

Please note this is only a guideline and is NOT a final choice. This will help the school to plan for the future and to recruit relevant staff. All subjects are taught over **2 years** and it is the parents' responsibility to fast-track a subject, if they wish to do so.

Make your choices ONLY from the table attached to this letter.

Islamic is not offered as an IGCSE subject however it is compulsory for all Muslim students.

Send your choices by email to:

s.cook@ibskuwait.com

Choose 4 subjects and then add two reserve choices:

- **English (1st or Second language)**
- **Maths (regular or further Maths)**
- **Arabic 1st language/ Arabic 2nd language/ no arabic (circle as appropriate)**

Top Four choices

1.....

2.....

3.....

4.....

My two reserve choices

5.....

6.....