

Key Stage 4 & Key Stage 5

Options Booklet

2021-2022

MISSION

The BSE are committed to being a leading school with a positive and inclusive culture; highly respected internationally for innovation, progressive and personalized learning and a commitment to student and teacher excellence and well-being.

VISION

To provide rich opportunities for our pupils to be leaders, designers, creators and contributors; to prepare their young minds to understand, find solutions and succeed in a rapidly changing society; so they may impact on and improve the world.

The Concept of Complete Well-BSEing

LIVE WELL FOR SCHOOL,
LIVE WELL FOR LIFE…

The BSE's unique concept of Complete Well-BSEing adopts the principles of Positive Psychology and works to build the resilience and well-being of every child at The BSE, to ensure they each reach or exceed their full potential.



Complete Well-BSEing Aims to:

- Equip pupils with the skills, attributes and habits required to thrive, be more resilient and live a successful and healthy life.
- Develop in each pupil a sense of purpose, engagement and accomplishment across all areas of their BSE experience; achieved through positive relationships with staff and with their peers, and a wide programme of enriching and stimulating opportunities to take part in.
- Proactively support and develop the well-being of the individual and the whole community.

Curriculum Overview at The BSE

In Years 7 - 9 students have been studying the UK Key Stage 3 curriculum.

As they move into Year 10, they start the courses leading to the International General Certificate of Secondary Education (IGCSE).

Students will take 5 subjects in total in Year 10.

Note: *Year 11 is a combination of Key Stage 4 and 5. This is because pupils study both IGCSE and AS levels.*

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IGCSEs are highly valued by schools, universities and employers, so they will be useful whatever students are planning to do after their time at The BSE.

KEY STAGE 4 & 5 - Years 10, 11 and 12

International General Certificate of Secondary Education (IGCSE) & Advanced Level (A-Level) Curriculum Implementation Plan

Overview:

- Key Stage 4 curriculum at The BSE is covered over Years 10 and 11.
- Key Stage 5 curriculum is covered over Years 11 and 12.
- Students complete a number of IGCSE-Level and AS (Advanced Supplementary) / A-Level (Advanced Level) subjects across Key Stage 4/5.
- After successfully completing these subjects, at the end of Year 12, students graduate from The BSE with the UK School-Leaving Qualification – IGCSEs and A-Levels.
- The number of IGCSE and AS/A-Level subjects required for University entry is determined by the particular National or International University where each student wishes to study.

Please note:

Admission requirements for enrollment in National Universities - Egyptian Universities under the auspices of the Supreme Council for Higher Education, are currently as follows:

- Students must successfully complete eight (8) IGCSE Subjects.
- Students must successfully complete EITHER two (2) AS (Advanced Supplementary) subjects OR one (1) A-Level (Advanced Level) subject.
- Students must successfully complete the MOE Thanaweya Amma Arabic, Religion and Social Studies examinations.
- Students will continue to have PE lessons as well as Assemblies and Tutor Time when in KS4 & 5.

Admission requirements for enrollment in foreign universities in Egypt should be checked every year.

Admission requirements for enrollment in international universities overseas must be checked every academic year.

Year 10 Plan:

- Starting in Year 10, pupils are able to select subjects from the wide range offered at the BSE.
- In Year 10 Pupils MUST complete five (5) IGCSE subjects in one academic year.
- The 5 exams should be sat in the June Examination session of that academic year.
- Pupils will not be permitted to drop subjects from their chosen block, ALL 5 MUST be taken at the 2022 examination session.
- Students must successfully complete the MOE Arabic, Religion and Social Studies examinations for 1st Secondary.
- Pupils are expected to sit the CORE subjects in Year 10, followed by wider a choice in Years 11 and 12.
- The CORE Subjects are – English as a Second Language, Mathematics, Physics, Chemistry, Biology.
- Pupils who do not wish to complete all three Sciences will have the option of studying IGCSE Arabic or IGCSE French in Year 10.
- Once the core subjects are complete pupils have a wider choice in Year 11 and 12.

Year 11 Plan:

- Pupils will be required to choose 3 additional IGCSE subjects to study in Year 11.
- They will sit exams for these 3 IGCSE Subjects in the June Examination Session of the Year 11 Academic Year.
- Pupils are required to choose a **minimum of 1 AS-Level subject** from the wide range offered at The BSE.
- They will sit examinations in the 1 or 2 AS-Level subjects in the June Examination Session of the Year 11 Academic Year.
- Pupils' choice of AS-Level subjects should be based on the requirements of the particular university each pupil would like to enroll in, and the particular major that each pupil wishes to study.
- The BSE Key Stage 4 Academic Counselor will assist students in the making their choice of subjects in order to ensure that their choices meet the university requirements they wish to join and the majors they wish to study.
- Students must successfully complete the MOE Arabic, Religion and Social Studies examinations for 2nd Secondary.

Year 12 Plan:

- Students must complete the A2 Curriculum in the 1 or more AS-Level subjects that they completed in Year 11 in order to achieve A-Level status in each of these subjects.
- Students must successfully complete the MOE Arabic, Religion and Social Studies examinations for 3rd Secondary Section of Thanaweya Amma.

Important Considerations:

- There are four pass grades available, A* to C, or 9 to 4
- When a candidate does not reach the lowest grade on offer in a subject then he or she will be unclassified (a U grade).
- **Students aiming to study for an Advanced Level in Year 11 and 12 should be getting at least a B in the IGCSE.**

Re sitting examinations to improve results:

- Students can re sit examinations in order to improve their grades in the November Examination session of every year.
- Students can re sit examinations in order to improve their results in any subject for a maximum total of five (5) sessions.
- Please note this does not mean over 5 years but 5 exam sessions.

Selecting Option Subjects:

The **OPTIONS** have been built based on common combinations, to maximise student choice.
Once an OPTION is chosen, it cannot be changed.

The British School of Egypt

Key Stage 4: Year 10 - (IGCSE)

OPTIONS FORM: May/June Examination Sessions 2022

Candidate Name: _____

Please, write your full name starting with your surname (family name) in **CAPITAL LETTERS.**

Year Group: _____ **Tutor Group:** _____ **Date:** _____

Option Block 1	Option Block 2	Option Block 3	Option Block 4*
Mathematics Edexcel IGCSE	Mathematics Edexcel IGCSE	Mathematics Edexcel IGCSE	Mathematics Edexcel IGCSE
English as a second Language AQA IGCSE	English as a second Language AQA IGCSE	English as a second Language AQA IGCSE	English as a second Language AQA IGCSE
Chemistry CIE IGCSE	Chemistry CIE IGCSE	Chemistry CIE IGCSE	English Literature CIE IGCSE
Physics CIE IGCSE	Biology Edexcel IGCSE	Biology Edexcel IGCSE	Travel & Tourism CIE IGCSE
Arabic as a First Language Edexcel IGCSE	Arabic as a First Language Edexcel IGCSE	Physics CIE IGCSE	French CIE IGCSE
YOUR FINAL OPTION CHOICES ↓			
INSERT YOUR OPTION BLOCKS CHOICES → (1,2,3 or 4 - In order of preference) →		**1st Choice**: Option Block …….. **2nd Choice**: Option Block …….. **3rd Choice:** Option Block ……..	

**If you select Option 4 then a meeting must be had with Mr. Tadros and Mr. Hoban before the final deadline*

Please Note: If there are insufficient pupil numbers for an option block then it will not be able to run.

Please sign to confirm the subject and return by **Monday, 1st February, 2021.**

This form should be handed in to the form tutor during morning registration.

Date: ……/……/……..

Parent's signature: …….. Student's signature: ……..

Year 11 Options:

This page is for information only and does not need to be filled in at this stage.
It is simply informing you of the wider choice that is available in Year 11 and Year 12.

The following table includes subjects in which students must sit for exams at the end of Year 11 (depending on what they opt for) and including the remaining 3 IGCSEs from year 10.
Each student is required to finish one AS (Advanced Subsidiary) subjects as a minimum.

IGCSE Subject Options in Year 11		
Business Studies IGCE	Human Biology IGCSE	ICT IGCSE
Accounting IGCSE	Chemistry IGCSE	Computer Science IGCSE
Economics IGCSE	Biology IGCSE	Sociology IGCSE
Travel & Tourism IGCSE	Physics IGCSE	Art & Design IGCSE
French IGCSE	Arabic as a First Language IGCSE	
AS / AL Subject Options in Year 11		
Mathematics AS	Biology AS	Business Studies AS
Arabic AL	Chemistry AS	Computer Science AS
	Physics AS	

Year 12 Options:

Students are required to continue at least one AS subject to complete the full A-Level (Advanced Level).

AS / AL Subject Options in Year 12		
*Arabic AL	Economics AS Economics A2	Physics AS Physics A2
Maths AS Maths A2	Chemistry AS Chemistry A2	Biology AS Biology A2
Psychology AS	Computer Science AS Computer Science A2	Business AS Business A2

Important Consideration:

- *Arabic AL is only accepted in Egypt by the AUC;
- Some Universities abroad do not accept Arabic AL as students are Native speakers.

What to do if you can't decide…

- Seek advice from subject teachers, form tutors and careers advisers. They have the latest advice and guidance to help sign-post you all in the right direction.
- The subjects that you tend to be more successful at are generally those that you enjoy most. One year studying a subject is a long time and you will want to keep motivated and interested to achieve the very best grades you can.
- It's not a bad thing to go with your instincts – but remember that we are not always good at the things we like and sometimes do not like the things at which we are good.

Beware of choosing subjects for the wrong reasons:

- because your best friend is doing it
- because your current teacher is your favourite (that teacher may teach a different class for IGCSE, or even leave the school)
- because someone else – friend, parent, teacher – wants you to take a particular subject (listen to advice but make your own decisions)
- The subject teachers who know you best will be able to give you a really good insight into the demands and challenges of a particular IGCSE subject and help you decide if it is the right fit for you and your future ambitions.
- Consider what skills you enjoy using (using language to express yourself, reading, solving problems, carrying out research) and see how they might be used, developed and challenged in the different IGCSE subjects.
- What do your extra-curricular activities tell you about the kinds of things you like to do: team working, leadership, working on your own, being creative and designing and making things? These skills could help decide which subjects to follow at IGCSE and give an indication of the kind of career path you might choose to follow.

If all else fails:

- Ask yourself which subjects you could not imagine being absent from your Year 10 timetable.
- Draw up a list of pros and cons for each subject

Finally – remember that these are your choices, not those of your parents, teachers and friends! Do listen to advice, but play to your own strengths not those that others may attribute to you. In the end you are the onlyone who can make sure that the decisions you make at this point turn out to be the right ones.

Subject:	Arabic First Language IGCSE	Course Code:	4AA1
Exam Board:	Edexcel	Grading:	9 - 1

Aims of the Course:

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

- their ability to read, understand and respond to material from a variety of sources
- their ability to communicate accurately in writing, matching style to audience and purpose
- their understanding of the structure and variety of language
- an understanding of themselves and the world around them
- an appreciation of the richness, beauty and diversity of the Arabic language.

Content Overview:

The Pearson Edexcel International GCSE in Arabic (First Language) consists of two externally-examined papers. The Pearson Edexcel International GCSE in Arabic (First Language) is a linear qualification.
All papers must be taken at the end of the course of study.

Paper 1:
Assesses Reading and Grammar skills across a selection of topic areas:

- youth matters
- education
- media
- culture
- sport and leisure
- travel and tourism
- business, work and employment
- environment
- health
- technology.

Paper 2:
Assesses Writing skills across a selection of topic areas:

- youth matters
- education
- media
- culture
- sport and leisure
- travel and tourism
- business, work and employment
- environment
- health
- technology.

Assessment Overview:

Paper 1
Duration: 2 hours and 15 minutes
Style: **Part One:** Reading (49 marks) Short- and extended-response questions on two texts.
Part Two: Summary (6 marks) Summary of the main points of a third text.
Part Three: Grammar (20 marks) Four questions on a range of aspects of grammar.
60% of the qualification

- 75 marks available
- Externally assessed

Paper 2
Duration: 1 hour and 30 minutes
Style: Two extended-response writing tasks.
40% of the qualification

- 50 marks available (25 marks for each task)
- Externally assessed

Subject:	Biology IGCSE	Course Code:	4BI1
Exam Board:	Edexcel	Grading:	9 - 1

Aims of the Course:

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

• learn about unifying patterns and themes in biology and use them in new and changing situations
• acquire knowledge and understanding of biological facts, terminology, concepts, principles and practical techniques
• apply the principles and concepts of biology, including those related to the applications of biology, to different contexts
• evaluate biological information, making judgements on the basis of this information
• appreciate the practical nature of biology, developing experimental and investigative skills based on correct and safe laboratory techniques
• 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 biology
• 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 • select and apply appropriate areas of mathematics relevant to biology as set out under each topic • prepare for more advanced courses in biology and for other courses that require knowledge of biology.

Content Overview:

Candidates study the following topics:

1) The nature and variety of living organisms
2) Structure and functions in living organisms
3) Reproduction and inheritance
4) Ecology and the environment
5) Use of biological resources

Assessment Overview:

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

• Biology Paper 1
• Biology Paper 2.

Biology Paper 1 ***Paper Code:** 4BI1/1B and 4SD0/1B **Duration:** 2-hour written examination paper **Style:** 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. ➢ 61.1% of the total International GCSE ➢ The total number of marks is 110. ➢ Externally assessed	**Biology Paper 2** ***Paper Code:** Paper code 4BI1/2B **Duration:** 1 hour and 15minute written examination paper. **Style:** 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. ➢ 38.9% of the total International GCSE ➢ The total number of marks is 70. ➢ Externally assessed

Subject:	**Chemistry IGCSE**	**Course Code:**	**0971**
Exam Board:	**CIE**	**Grading:**	**9 - 1**

Aims of the Course:

The aims describe the purposes of a course based on this syllabus.

The aims are to enable students to:

- acquire scientific knowledge and understanding of scientific theories and practice
- develop a range of experimental skills, including handling variables and working safely
- use scientific data and evidence to solve problems and discuss the limitations of scientific methods
- communicate effectively and clearly, using scientific terminology, notation and conventions
- understand that the application of scientific knowledge can benefit people and the environment
- enjoy science and develop an informed interest in scientific matters which support further study.

Content Overview:

Candidates study the following topics:

1) States of matter
2) Atoms, elements and compounds
3) Stoichiometry
4) Electrochemistry
5) Chemical energetics
6) Chemical reactions
7) Acids, bases and salts
8) The Periodic Table
9) Metals
10) Chemistry of the environment
11) Organic chemistry
12) Experimental techniques and chemical analysis

Assessment Overview:

All candidates take three papers.

Candidates who have studied the Core syllabus content, or who are expected to achieve a grade 3 or below, should be entered for Paper 1, Paper 3 and either Paper 5 or Paper 6.

These candidates will be eligible for grades 5 to 1, where 5 is the highest grade.

Candidates who have studied the Extended syllabus content (Core and Supplement), and who are expected to achieve a grade 4 or above, should be entered for Paper 2, Paper 4 and either Paper 5 or Paper 6.

These candidates will be eligible for grades 9 to 1, where 9 is the highest grade.

Core assessment Core candidates take Paper 1 and Paper 3.
The questions are based on the Core subject content only.

Paper 1: Multiple Choice (Core) **Duration:** 45 minutes **Style:** 40 four-option multiple-choice questions 40 marks available 30% of total IGCSE Externally assessed	**Paper 3: Theory (Core)** **Duration:** 1 hour 15 minutes **Style:** Short-answer and structured questions 80 marks available 50% of total IGCSE Externally assessed

Extended assessment Extended candidates take Paper 2 and Paper 4.
The questions are based on the Core and Supplement subject content.

Paper 2: Multiple Choice (Extended) **Duration:** 45 minutes **Style:** 40 four-option multiple-choice questions 40 marks available 30% of total IGCSE Externally assessed	**Paper 4: Theory (Extended)** **Duration:** 1 hour 15 minutes **Style:** Short-answer and structured questions 80 marks available 50% of total IGCSE Externally assessed

Practical assessment All candidates take one practical paper from a choice of two.

Paper 5: Practical Test **Duration:** 1 hour 15 minutes **Style:** Questions will be based on the experimental skills in Section 4 40 marks available 20% of total IGCSE Externally assessed	**Paper 6: Alternative to Practical** **Duration:** 1 hour **Style:** Questions will be based on the experimental skills in Section 4 40 marks available 20% of total IGCSE Externally assessed

Subject:	English Second Language IGCSE	Course Code:	9280
Exam Board:	AQA	Grading:	9 - 1

Aims of the Course:

The study of English will broaden students horizons and encourage them to step beyond familiar cultural boundaries and develop new ways of seeing the world.

Courses based on this specification will enable students to:

• develop their ability to communicate confidently, coherently and appropriately with native speakers in speech and writing

• listen to and understand clearly articulated, standard speech at near normal speed

• deepen their knowledge about how language works and enrich their vocabulary to increase their independent use and understanding of English in a range of written and spoken contexts

• express and develop thoughts and ideas spontaneously and fluently

• acquire new knowledge, skills and ways of thinking through the ability to understand and respond to authentic spoken and written material

• develop language learning skills for immediate use and to prepare them for further language study in school, higher education or employment.

Content Overview:

The course covers a range of themes that are used to meet to develop the skills necessary to meet the following assessment objectives:

AO1 READING: UNDERSTAND AND RESPOND TO WRITTEN LANGUAGE

R1: Identify and select relevant detail, key points and ideas.

R2: Show understanding of vocabulary, ideas and purpose.

R3: Collate, organise and present relevant detail.

R4: Draw inferences, make deductions, and recognise implicit meaning.

AO2 WRITING: COMMUNICATE IN WRITING

W1: Write short texts to convey meaning and exchange information.

W2: Produce clear and coherent text of extended length to present key points, details and ideas.

W3: Make accurate use of vocabulary and grammatical structures; spell and punctuate accurately.

W4: Manipulate the language with increasing fluency and creativity for a variety of purposes.

AO3 LISTENING: UNDERSTAND AND RESPOND TO SPOKEN LANGUAGE

L1: Identify key details from a range of short and longer texts.

L2: Identify the overall message and key points in a variety of short and longer spoken texts, involving some more complex language.

L3: Understand and collate information from a variety of short and longer spoken texts, involving some complex language and more abstract material.

L4: Recognise purpose, implied meaning, attitudes and feelings in extended texts.

AO4 SPEAKING: COMMUNICATE AND INTERACT IN SPEECH

S1: Communicate clearly using speech appropriate to situation and audience.

S2: Make appropriate and accurate use of a variety of vocabulary and grammatical structures.

S3: Produce extended sequences of speech, answering and, as appropriate, asking questions, and expressing opinions with spontaneity and fluency.

S4: Demonstrate appropriate pronunciation and intonation.

Assessment Overview:	
Students must take all four assessments. All assessments must be taken in the same series.	
Paper – Reading **What's assessed**: Understanding and responding to different types of written language. **Duration:** 1 hour 15 minutes **Style:** Questions Short answer questions and multiple choice questions in response to written passages ➢ 60 marks ➢ 30% of international GCSE assessment ➢ Externally Assessed	**Paper – Writing** **What's assessed**: Communicating effectively in writing for a variety of purposes. **Duration:** 1 hour 15 minutes **Style:** There are four tasks which test a range of writing skills. The tasks increase in level of challenge, as do the marks awarded. Each of the first three tasks will be based on one of the themes named in the Subject content. The final task will allow students to draw on their study in one or more of the named themes ➢ 60 marks ➢ 30% of international GCSE assessment ➢ Externally Assessed
Paper – Listening **What's assessed**: Understanding and responding to different types of spoken language. **Duration:** 45 minutes **Style:** Students will be asked to listen to and answer questions on a range of spoken texts – 40 marks. (Each exam includes 5 minutes reading time of the question paper before the listening stimulus is played.) ➢ 40 marks ➢ 20% of international GCSE assessment ➢ Externally Assessed	**Paper – Listening** **What's assessed**: Communicating and interacting effectively in speech for a variety of purposes. **Duration:** Photocard – 15 marks (3–4 minutes) General conversation – 25 marks (6–7 minutes) **Style:** Non-exam assessment 10 minutes + preparation time for the photo card and general conversation tasks. ➢ 40 marks ➢ 20% of international GCSE assessment ➢ Audio recorded by teacher and marked by examiner.

Subject:	French Modern Foreign Language IGCSE	Course Code:	7156
Exam Board:	CIE	Grading:	9 - 1

Aims of the Course:

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

• develop the language proficiency required to communicate effectively in French at level A2 (CEFR Basic User), with elements of level B1 (CEFR Independent User)
• offer insights into the culture and society of countries and communities where French is spoken • develop awareness of the nature of language and language learning
• encourage positive attitudes towards speakers of other languages and a sympathetic approach to other cultures
• provide enjoyment and intellectual stimulation
• develop transferable skills (e.g. memorising, drawing of inferences) to complement other areas of the curriculum
• form a sound base of the skills, language and attitudes required for progression to work or further study, either in French or another subject area.

Content Overview:

The subject content is organised in five broad topic areas (A–E below).
These provide contexts for the acquisition of vocabulary and the study of grammar and structures. The study of these topic areas enables students to gain an insight into countries and communities where French is spoken.

The five topic areas listed below are described in more detail in section 3.
A. Everyday activities
B. Personal and social life
C. The world around us
D. The world of work
E. The international world

The syllabus gives students opportunities to develop and apply a wide range of foreign language skills. Candidates will be expected to read and understand a variety of written and spoken texts on familiar topics. Candidates will be required to demonstrate understanding of the main ideas, opinions and attitudes, as well as select and extract relevant details and deduce the meaning of occasional unknown words from context. They will also have opportunities to write in French on familiar, everyday topics, and to speak the language by taking part in everyday conversations.

Assessment Overview:

All candidates take all four papers. Candidates will be eligible for grades 9 to 1.

Paper 1 - Listening	Paper 2 - Reading
Duration: Approximately 50 minutes **Style:** Candidates listen to a number of recordings and answer multiple-choice and	**Duration:** 1 hour **Style:** Candidates read a number of texts and answer multiple-choice and matching questions

matching questions. 25% of total IGCSE 40 marks available Externally assessed	as well as questions requiring short answers. 25% of total IGCSE 45 marks available Externally assessed
Paper 3 - Speaking **Duration:** Approximately 10 minutes **Style:** Candidates complete one role play and conversations on two topics. 25% of total IGCSE 40 marks available Internally assessed and externally moderated	**Paper 4 - Writing** **Duration:** 1 hour **Style:** Candidates complete one form-filling task, one directed writing task and one task in the format of an email/letter or article/blog. 25% of total IGCSE 45 marks available Externally assessed

Subject:	**Mathematics IGCSE**	**Course Code:**	**4MA1 /H**
Exam Board:	**Edexcel**	**Grading:**	**9 - 1**

Aims of the Course:

The Pearson Edexcel International GCSE in Mathematics (Specification A) qualification enables students to:

- develop their knowledge and understanding of mathematical concepts and techniques
- acquire a foundation of mathematical skills for further study in the subject or related areas
- enjoy using and applying mathematical techniques and concepts, and become confident in using mathematics to solve problems
- appreciate the importance of mathematics in society, employment and study.

Content Overview:

Higher Tier

1) Numbers and the number system
2) Equations, formulae and identities
3) Sequences, functions and graphs
4) Geometry and trigonometry
5) Vectors and transformation geometry
6) Statistics and probability

Assessment Overview:

Paper 1 (1H) **Duration:** 2 hour examination **Style:** Questions will assume knowledge from the Foundation Tier subject content.	**Paper 2 (2H)** **Duration:** 2 hour examination **Style:** Questions will assume knowledge from the Foundation Tier subject content.

Each paper will assess the full range of targeted grades at Higher Tier (9–4). Each paper will have approximately 40% of the marks distributed evenly over grades 4 and 5 and approximately 60% of the marks distributed evenly over grades 6, 7, 8 and 9. A Higher Tier formulae sheet will be included in the written examinations. A calculator may be used in the examinations. The total number of marks for each paper is 100. 50 % of total IGCSE Externally Assessed.	Each paper will assess the full range of targeted grades at Higher Tier (9–4). Each paper will have approximately 40% of the marks distributed evenly over grades 4 and 5 and approximately 60% of the marks distributed evenly over grades 6, 7, 8 and 9. A Higher Tier formulae sheet will be included in the written examinations. A calculator may be used in the examinations. The total number of marks for each paper is 100. 50 % of total IGCSE Externally Assessed.

Subject:	**Physics IGCSE**	**Course Code:**	**0972**
Exam Board:	**CIE**	**Grading:**	**9 - 1**

Aims of the Course:

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

- acquire scientific knowledge and understanding of scientific theories and practice
- develop a range of experimental skills, including handling variables and working safely
- use scientific data and evidence to solve problems and discuss the limitations of scientific methods
- communicate effectively and clearly, using scientific terminology, notation and conventions
- understand that the application of scientific knowledge can benefit people and the environment
- enjoy science and develop an informed interest in scientific matters which support further study.

Content Overview:

Candidates study the following topics:

1) Motion, forces and energy
2) Thermal physics
3) Waves
4) Electricity and magnetism
5) Nuclear physics
6) Space physics

Assessment Overview:

All candidates take three papers.
Pupils will study the Extended syllabus content (Core and Supplement), and are expected to achieve a grade 4 or above.
They will be entered for Paper 2, Paper 4 and either Paper 5 or Paper 6.

Pupils will be eligible for grades 9 to 1, where 9 is the highest grade.

Extended assessment

Extended candidates take Paper 2 and Paper 4.

The questions are based on the Core and Supplement subject content:

Paper 2: Multiple Choice (Extended) **Duration:** 45 minutes **Style:** 40 four-option multiple-choice questions ➢ 40 marks available ➢ 30% of total IGCSE ➢ Externally assessed	**Paper 4: Theory (Extended)** **Duration:** 1 hour 15 minutes **Style:** Short-answer and structured questions ➢ 80 marks ➢ 50% of total IGCSE ➢ Externally assessed
Paper 6: Alternative to Practical The alternative to practical assessment requires the same experimental skills to be developed and learned as in the practical assessment. Pupils require an understanding of the same experimental contexts. The written paper tests the same assessment objective, AO3.	**Paper 6: Alternative to Practical** **Duration:** 1 hour **Style:** This paper tests assessment objective AO3 Candidates will not be required to do experiments as part of this test, but all items in the test are compulsory. ➢ 40 marks available ➢ 30% of total IGCSE ➢ Externally assessed

Subject:	**Travel & Toursim IGCSE**	**Course Code:**	**0471**
Exam Board:	**CIE**	**Grading:**	**A* to G**

Aims of the Course:

The aims are to enable students to develop:

• an understanding of the travel and tourism industry

• theoretical knowledge of the industry and related sectors, including knowledge of travel and tourism products and services, the infrastructure on which they depend and the transport system needed to operate them

• practical ability in a range of skills and procedures related to working in the travel and tourism industry, including knowledge of the essential personal and professional skills required by individuals working in the service sector

• critical awareness of the physical, social and economic environments in which travel and tourism takes place, including understanding of the global, regional and local perspectives of travel and tourism.

The syllabus develops a clear understanding of the relationship between the theory and practice of working in travel and tourism. Candidates are encouraged to develop an understanding of tourist industry operations and problems, and competence in identifying procedures and solutions, by using best practice from industry, established business techniques and information systems. Through investigation, candidates apply their knowledge and skills in a detailed study of a particular aspect of the travel and tourism industry.

Content Overview:

The syllabus content is organised into six study units.

These are used to explore the background to the travel and tourism industry and more specific areas. Candidates must study all units.

Unit 1: The travel and tourism industry
Unit 2: Features of worldwide destinations
Unit 3: Customer care and working procedures
Unit 4: Travel and tourism products and services
Unit 5: Marketing and promotion
Unit 6: The marketing and promotion of visitor services

Assessment Overview:

All candidates take two components.

Paper 1 (Core Paper) and Paper 2 (Alternative to Coursework)
Candidates will be eligible for grades A* to G.

Paper 1 - Core Paper	Paper 2 - Alternative to Coursework
Duration: 2 hours **Style:** Short answer question paper ➢ 60% of total IGCSE ➢ 100 marks available ➢ Externally assessed	**Duration:** 2 hours 30 minutes **Style:** Short answer question paper, based primarily on Unit 5 of the syllabus ➢ 40% of total IGCSE ➢ 100 marks available ➢ Externally assessed