



مدرسة الإبداع
العلمي الدولية
INTERNATIONAL SCHOOL
OF CREATIVE SCIENCE

MUWAILEH

مويلح

Key Stage 4 IGCSE Prospectus 2021-2022

The structured route to IGCSE Level
Courses and Further Education

A Guide for Parents and Students



Dear Parents and Students,

Assalaamu Alaykum

This booklet is designed to give guidance to both students and parents about the courses that we offer at KS4. Our curriculum paves the way to excellent progression routes to further studies, allowing our students to fulfil their aspirations in an ever changing and demanding society. We aim to provide the right academic environment for our students to make informed decisions regarding their future ambitions. Our challenge is to ensure that we provide all students with a curriculum that will enable them to gain internationally recognised and respected qualifications in a wide range of subjects.

The International School of Creative Science offers internationally recognized iGCSE courses provided by The Edexcel Examination Board and The Cambridge International Examination Board (CIE).

The International General Certificate of Secondary Education is a two year curriculum programme with internal assessments and examinations in Grade 10, Mock Exams in Grade 11 and final external examinations at the end of Grade 11. The courses, with an awareness of students' needs in the international community, have been developed in line with the UK National Curriculum.

The great strength of our Grade 10 and 11 curriculum is that it is broad, balanced, differentiated and relevant.

- **Broad** a wide range of subjects across all of the academic disciplines is studied
- **Balanced** an appropriate amount of time is being given to each subject area
- **Differentiated** each student can reach his/her full potential
- **Relevant** relates to students having a wide range of educational backgrounds, abilities and aspirations

Details about all compulsory courses as well as further information about optional courses are contained within this booklet as well being accessible on the schools' and the exam board website:

<http://www.iscs.sch.ae/>

<https://qualifications.pearson.com/en/qualifications/edexcel-international-gcses-and-edexcel-certificates.html>

<https://www.cambridgeinternational.org/programmes-and-qualifications/cambridge-upper-secondary/cambridge-igcse/>

The two year IGCSE examination program offers an educational experience second to none and is an ideal preparation for further study either here or at any other school in the world.

On behalf of the staff at ISCS, I wish your child every success in their studies. Please do not hesitate to contact the school should you have any further questions or queries.

Sadia Saba

Head of Secondary

An Introduction to IGCSE

- IGCSE is the acronym for the International General Certificate of Secondary Education.
- IGCSEs are designed to examine all ability ranges with grades ranging from 1 to 9 (9 is the highest level of attainment)
- 5 IGCSEs at grades 9* - 4 are often used as a benchmark of reasonable attainment for students of average ability, with many expecting English Language and Mathematics to be included. We set aspirational and realistic targets with our students which ensure that the vast majority achieve well in excess of the average attainment.
- IGCSEs are undertaken over the two years of Key Stage 4, i.e. Grades 10 and 11.
- Examinations will take place at the end of the two years of study in the final term of Grade 11.

Entry Requirements

ISCS IGCSE Entry Requirements

Academic entries onto ISCS IGCSE Courses are:

English 1st Language or ESL	Maths
Entry will be based on internal assessments and GL Benchmarking assessments	Only subject with two tiers – Higher or Foundation Students will be entered to the respective tiers based on Grade 10 end of year results and Mock results in Year 11 Please also note that students have the opportunity of taking early IGCSEs in Grade 10 for Mathematics

The school has the right to sanction anyone not complying with school procedures. In very exceptional cases the school can also decide to remove someone from a course if they are not performing as they should or if they cause hindrance to the learning of others as well as their own learning. IGCSE students have the responsibility to behave like growing adults and should always be a role model for the younger students in the school. Progress is closely monitored through rigorous on-going assessment as well tests including end of year exams in Grade 10 and Mock Exams in Grade 11. Students are not allowed to drop any subject before the Mock Exams in Grade 11.

Career Advice

Further information is available using the following Links:

Links	Information
http://www.edexcel.com	Edexcel Exam Board Information
http://www.cie.org.uk	Cambridge (CIE) Exam Board Information
http://www.napo.ae	National Admissions for UAE Students
http://www.ucas.com	UK University Applications
http://www.connections-direct.com	Careers database – guidance
http://www.isco.org.uk	Careers Service
http://www.hotcourses.com	Courses Guide
http://www.bbc.co.uk/radio1/essentials	General Advice Site
http://www.aus.edu/admissions/aye_2008-2009/ugrad/min_admi_requ.php	Sample UAE University Requirements
http://www.sharjah.ac.ae/English/Admissions/Pages/AdmissionRequirements.aspx	Sample UAE University Requirements

An Introduction to GCSE

Changes to assessment

Key structural features of the new IGCSEs confirmed by Ofqual include:

- A new grading scale that uses the numbers 1–9 to identify levels of performance (with 9 being the top level - attained by the top 5% of the global IGCSE cohort in a subject). Where performance is below the minimum required to pass an IGCSE, students will get a U.
- IGCSEs are now linear, with assessment to be taken at the end of the course in June.
- Assessment by external exam only, except where non-exam assessment is the only way to provide valid assessment of the skills required.

New grading structure	Current grading structure
9	
8	A*
7	A
6	B
5	
4	C
3	D
2	E
1	F
	G
U	U

GOOD PASS (DfE)
5 and above = top of C and above

AWARDING
4 and above = bottom of C and above

The Curriculum

The IGCSE examination allows for a range of achievement from Grade 9 to Grade 1. 9 is the highest Grade and it is generally accepted that Grades 9 to 4 are 'good' passes. The IGCSE courses have a greater focus upon internationalism and have been chosen to provide an interesting and academically demanding curriculum for students from a wide range of academic and cultural backgrounds. They provide an ideal preparation for further education courses such as the International Baccalaureate, A' Level, SATS, and for vocational training and employment.

Available Subjects

Students are expected to take a minimum of six IGCSE subjects. All students will sit for the UAE Ministry examinations in Islamic Studies and Arabic.

Remember: Universities vary in their entrance requirements. Please check the specific requirements of your intended university.

At ISCS we offer the following subjects in Grades 10 and 11:

Edexcel

Mathematics
English Language
English Literature
English as a Second Language
Biology
Physics
Chemistry
Business Studies
Geography
Economics
Psychology
Further Mathematics

Cambridge (CIE)

Computer Science

Additional Subjects: The IGCSE courses below are examples of what we have offered in the past and may be taken as private, self study.

Accounts, Pakistan Studies, History, French, Islamiyat, Urdu and Turkish, Arabic First Language, Arabic as a Second Language, Art & Design, Physical Education

Current Ministry Requirements for Equivalence with the UAE Secondary School Certificate (these are subject to change from 2023-2024)

Equivalence: Students need to go through the process of equivalence with their qualifications in order to be accepted at a local university in the UAE.

For equivalence, students need 5 certificates:

Grade	Arabic Curriculum Exams	British Curriculum
10	Grade 10 MOE Exams	
11	Grade 11 MOE Arabic Exams	Grade 11 iGCSE Certificate showing student has passed five approved iGCSE subjects at A*-D/9-3
12	Grade 12 MOE Arabic Exams	Grade 12 GCE Statement of Results showing student has passed at least 2 AS subjects at Grade D or above or 1 full A-level subject (AS & A2) at Grade D or above.

These subjects will be accepted by the MOE for equivalence

English
Physics
Biology
General Science
French
Mathematics
Chemistry
Geology
Economics
Business Studies
Accounting
Sociology
English Literature
History
Psychology
Art and design (Graphic Design)
Computer studies
Nutrition and Health Science
Genetics
Geography
ICT

Note that for equivalence ...

International GCSE's in Arabic, Classical Arabic and Islamiyat will not be accepted.

Mathematics

Subject	IGCSE Mathematics A												
Course Code	Edexcel - 4MA1												
Link URL	https://qualifications.pearson.com/en/qualifications/edexcel-international-gcses-and-edexcel-certificates/international-gcse-mathematics-a-2016.html												
How will I be assessed?	<p>Two-tier assessment, Higher Tier and Foundation Tier. Targeted Grades: Higher – Levels 4 – 9 (old grading system: A* to D) Foundation – Levels 1-5 (old grading system: C to G)</p> <p>Higher Tier and Foundation tier both assessed via two papers set and marked by Edexcel.</p> <p>Each paper: Paper 1 – 2 hours } Contain approximately 20 Paper 2 – 2 hours } questions, both short and long</p> <p>Calculator allowed on both papers</p> <table border="1" style="width: 100%; text-align: center;"> <thead> <tr> <th>Weightings for each Assessment objective</th> <th>AO1</th> <th>AO2</th> <th>AO3</th> </tr> </thead> <tbody> <tr> <td></td> <td>Number & Algebra</td> <td>Shape, space & Measures</td> <td>Handling Data</td> </tr> <tr> <td></td> <td>50%-60%</td> <td>20%-30%</td> <td>15%-25%</td> </tr> </tbody> </table> <p>On the Higher tier papers, there is considerably more Algebra than Number</p>	Weightings for each Assessment objective	AO1	AO2	AO3		Number & Algebra	Shape, space & Measures	Handling Data		50%-60%	20%-30%	15%-25%
Weightings for each Assessment objective	AO1	AO2	AO3										
	Number & Algebra	Shape, space & Measures	Handling Data										
	50%-60%	20%-30%	15%-25%										
Objectives (Aims) of the Course	<ul style="list-style-type: none"> To develop an appreciation of Mathematics in the world around us To develop in students the ability to use and apply mathematics in the 'real world' To equip students with a solid foundation that will enable them to further their studies in mathematics and in related fields To instill in student's enjoyment of the subject To enable students to become confident in applying mathematical techniques to solve problems related to science, business, etc. 												
Brief outline of the Course	Knowledge, skills and understanding of: <ul style="list-style-type: none"> AO1 Number and Algebra AO2 Shape, Space and Measures AO3 Handling Data 												
Future Careers	Engineering, Teaching, Accountancy, Banking and lots more!												

English Language (First Language)

Subject	IGCSE English Language
Course Code	Edexcel – 4EA1
Link URL	http://qualifications.pearson.com/en/qualifications/edexcel-international-gcse-and-edexcel-certificates/international-gcse-english-language-a-2016.html
How will I be assessed?	<p>Paper 1 (60%): Non-fictional Texts and Transactional Writing</p> <ul style="list-style-type: none"> • Section A: Reading – a mixture of short- and long-answer questions related to a nonfiction text from Part 1 of the Pearson Edexcel International GCSE English Anthology and one previously unseen extract. Total of 45 marks. • Section B: Transactional Writing – one 45-mark writing task, from a choice of two involving a given audience, form or purpose. • The assessment duration is 2 hours 15 minutes. Students will be provided with the anthology text in the examination. <p>Paper 2 (40%): Poetry and Prose Texts and Imaginative Writing</p> <ul style="list-style-type: none"> • Section A: Reading: one 30-mark essay question on a poetry or prose text from Part 2 of the Pearson Edexcel International GCSE English Anthology. • Section B: Imaginative Writing – one 30-mark imaginative writing task from a choice of three. • The assessment duration is 1 hour and 30 minutes. Students will be provided with the anthology text in the examination. <p>Assessment is 100% examination and assesses reading and writing in the internationally recognised forms of Standard English: either British or American standard forms are acceptable in the students' writing. Spelling must be consistent, whether it follows British or American usage.</p>
Objectives & brief outline	<p>The aims and objectives of this qualification are to enable students to:</p> <ul style="list-style-type: none"> • read a wide range of texts fluently and with good understanding • read critically and use knowledge gained from wide reading to inform and improve their own writing • write effectively and coherently using Standard English appropriately • use grammar correctly, punctuate and spell accurately • acquire and apply a wide vocabulary alongside knowledge and understanding of grammatical terminology, and linguistic conventions for reading, writing and spoken • language • listen to and understand spoken language, and use spoken Standard English effectively. • Spoken language will be reported as a separate grade on the student's certificate.
Future Careers	Law, Media, Linguistics, Translation, Teaching and Business.

English Literature

Subject	iGCSE English Literature
Course Code	Edexcel – 4ET1
Link URL	http://qualifications.pearson.com/en/qualifications/edexcel-international-gcses-and-edexcel-certificates/international-gcse-english-literature-2016.html
How will I be assessed?	<p>Paper 1 (60%): Poetry and Modern Prose</p> <ul style="list-style-type: none"> Section A – Unseen Poetry: one 20-mark essay question exploring the meaning and effects created in an unseen poem. The poem will be reproduced in the question paper. Section B – Anthology Poetry: one 30-mark essay question from a choice of two, comparing two poems from Part 3 of the Pearson Edexcel International GCSE English Anthology. Section C – Modern Prose (Of Mice and Men): one 40-mark essay question from a choice of two on each of the set texts. The assessment duration is 2 hours. Closed book: texts are not allowed in the examination. However, students will be provided with the anthology poems in the examination. <p>Paper 2 (40%): Modern Drama and Literary Heritage Texts</p> <ul style="list-style-type: none"> Section A – Modern Drama (An Inspector Calls): one 30-mark essay question from a choice of two on each of the set texts. Section B – Literary Heritage Texts (Macbeth): one 30-mark essay question from a choice of two on each of the set texts. The assessment duration is 1 hour and 30 minutes. Open book: prescribed editions of set texts are allowed in the examination.
Objectives & brief outline	<p>The aims and objectives of this qualification are to enable students to:</p> <ul style="list-style-type: none"> engage with and develop the ability to read, understand and respond to a wide range of literary texts from around the world develop an appreciation of the ways in which authors achieve their literary effects to develop the skills needed for literary study explore, through literature, the cultures of their own and other societies find enjoyment in reading literature and understand its influence on individuals and societies.
Future Careers	Law, Journalism, Media, Linguistics, Translation, Teaching and Business.

English as a Second Language (ESL)

Subject	IGCSE English as a Second Language
Course Code	Edexcel – 4ES1
Link URL	http://qualifications.pearson.com/en/qualifications/edexcel-international-gcse-and-edexcel-certificates/international-gcse-english-as-2nd-language-2017.html
How will I be assessed?	<p>Single Tier assessment via 2 compulsory papers set and marked by Edexcel.</p> <p>Paper 1 (66.7%): Reading & Writing</p> <ul style="list-style-type: none"> • Skimming and scanning • Reading for detail • Follow a line of argument and infer attitude • Summary • Writing letters, emails, report, article and summary <p>Paper 2 (33.3%): Listening</p> <ul style="list-style-type: none"> • Identifying items, places or events being described • Listening for detailed information • Follow a discussion or argument understanding identifying opinions and attitudes
Objectives & brief outline	<p>The aims and objectives of this qualification are to enable students to develop:</p> <ul style="list-style-type: none"> • an understanding of a wide variety of complex reading texts, recognising implicit meaning and adapting own style and speed of reading to different texts and purposes • an understanding of standard spoken language, whether live or broadcast, on both unfamiliar and familiar topics normally encountered in personal, social, academic or vocational contexts • the ability to write clear, well-structured texts using an appropriate style, highlighting relevant salient issues, expanding and supporting points of view with supporting arguments (where relevant) and showing controlled use of organisational patterns, connectors and cohesive devices • the ability to express themselves fluently, spontaneously and appropriately in a range of speaking contexts with little obvious searching for expressions or use of avoidance strategies • the skills necessary for further study or employment, either in English-speaking countries or where English is used as the main medium of communication for business and commerce • an understanding of the nature of language in different cultural contexts in order to build up competence in communication.
Future Careers	Enables students to study in Higher and Further educational institutes where English is used as the main medium of communication.

Science - Biology

Subject	IGCSE (9-1) Biology
Course Code	Edexcel – 4BI1
Link URL	https://qualifications.pearson.com/en/qualifications/edexcel-international-gcses-and-edexcel-certificates/international-gcse-biology-2017.html
How will I be assessed?	Single Tier assessment via 2 compulsory written papers set and marked by Edexcel. Paper:1 – 2 hours Paper:2 – 1 hour and 15 minutes
Objectives (Aims) of the Course	<ul style="list-style-type: none"> 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 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.
Brief outline of the Course	<ol style="list-style-type: none"> The nature and variety of living organisms. Structure and functions in living organisms. Reproduction and inheritance. Ecology and the environment. Use of biological resources.
Future Careers	<ul style="list-style-type: none"> Medicine/dentistry/pharmacy Allied Health/dietician Science Education Research Forensic Scientist Environmental Scientist Biotechnology Science Teacher

Science - Chemistry

Subject	IGCSE (9-1) Chemistry
Course Code	Edexcel – 4CH1
Link URL	https://qualifications.pearson.com/en/qualifications/edexcel-international-gcse-and-edexcel-certificates/international-gcse-chemistry-2017.html
How will I be assessed?	Single Tier assessment via 2 compulsory written papers set and marked by Edexcel. Paper:1 – 2 hours Paper:2 – 1 hour and 15 minutes
Objectives (Aims) of the Course	<ul style="list-style-type: none"> Learn about unifying patterns and themes in chemistry and use them in new and changing situations Acquire knowledge and understanding of chemical facts, terminology, concepts, principles and practical techniques Apply the principles and concepts of chemistry, including those related to the applications of chemistry, to different contexts Evaluate chemical information, making judgements on the basis of this information 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 Develop a logical approach to problem solving in a wider context. Select and apply appropriate areas of mathematics relevant to chemistry as set out under each topic Prepare for more advanced courses in chemistry and for other courses that require knowledge of chemistry.
Brief outline of the Course	<ol style="list-style-type: none"> Principles of chemistry Inorganic Chemistry Physical chemistry Organic chemistry
Future Careers	<ul style="list-style-type: none"> Health administrator Physician (all specialties) Technical writer/editor Educator at the elementary, secondary, and college/university levels Research supervisor Research engineer Environmental consultant Art Conservation Specialists Science teacher

Science - Physics

Subject	IGCSE (9-1) Physics
Course Code	Edexcel – 4PH1
Link URL	https://qualifications.pearson.com/en/qualifications/edexcel-international-gcses-and-edexcel-certificates/international-gcse-physics-2017.html
How will I be assessed?	Single Tier assessment via 2 compulsory written papers set and marked by Edexcel. Paper: 1 – 2 hours Paper:2 – 1 hour and 15 minutes
Objectives (Aims) of the Course	<ul style="list-style-type: none"> Learn about unifying patterns and themes in physics and use them in new and changing situations Acquire knowledge and understanding of physical facts, terminology, concepts, principles and practical techniques Apply the principles and concepts of physics, including those related to the applications of physics, to different contexts Evaluate physical information, making judgements on the basis of this information Appreciate the practical nature of physics, developing experimental and investigative skills based on correct and safe laboratory techniques Recognise the importance of accurate experimental work and reporting scientific methods in physics Select and apply appropriate areas of mathematics relevant to physics as set out under each topic Prepare for more advanced courses in physics and for other courses that require knowledge of physics
Brief outline of the Course	<ol style="list-style-type: none"> Forces and motion Electricity Waves Energy resources and energy transfers Solids, liquids and gases Magnetism and electromagnetism Radioactivity and particles Astrophysics
Future Careers	<ul style="list-style-type: none"> Astronomer/astrophysicist Biophysicist Computer System Engineer Engineer High-Tech Designer, Oil Industry Industrial Hygienist Mathematics and Physics Teacher Nuclear Physicist /Nuclear Power Plant Project Manager Science Teacher

Arabic (First Language)

Subject	iGCSE Arabic First Language
Course Code	Edexcel – 4AR0
Link URL	http://www.edexcel.com/auals/iGCSE/iGCSE09/lang/arabic
How will I be assessed?	<p>Single Tier assessment via 2 compulsory written papers set and marked by Edexcel.</p> <p>Paper :1 2 hrs 15 mins 70% of total 70 marks</p> <p>Section:1 – Reading Section:2 – Writing Section:3 – Grammatical Usage</p> <p>Paper :2 1 hr 30 mins 30% of total 60 marks</p> <p>The examination requires students to produce two pieces of continuous writing.</p>
Objectives (Aims) of the Course	<p>To develop in students the ability to understand and respond orally and in writing to material from a variety of sources in Arabic.</p> <ul style="list-style-type: none"> • The ability to read from a variety of texts • To extract, summarise and present appropriately relevant information from a text • To communicate in writing clearly and imaginatively • To show an understanding of grammatical topics
Brief outline of the Course	<ul style="list-style-type: none"> • Reading • Writing • Grammatical Usage
Future Careers	Teaching, Translation, Media

Arabic (Second Language)

Subject	IGCSE Arabic Second Language
Course Code	CIE – 0544
Link URL	http://www.cie.org.uk/qualifications/academic/middlesec/iGCSE/subject?assdef_id=834
How will I be assessed?	<p>Two Tier assessment via papers set and marked by CIE.</p> <p>Targeted Grades are: Core curriculum: C – G Extension curriculum: A* - G</p> <p>Paper 2 – 1 hour 30mins Paper 3 – 15mins – Speaking Test</p> <p>An additional paper for the Extension Tier: Paper 4 – 1 hour 15mins</p>
Objectives (Aims) of the Course	<ul style="list-style-type: none"> • To develop an ability to use Arabic effectively for purposes of practical communication. • To offer insights into the culture and civilisation of countries where Arabic is spoken • To form a sound basis of skills for further related study • To encourage positive attitudes towards language learning and towards speakers of foreign languages • To provide enjoyment and intellectual stimulation
Brief outline of the Course	<p>The course is based on the linked language skills of listening, reading, speaking and writing, and these are built on as students progress through their studies.</p> <ul style="list-style-type: none"> • Reading • Writing • Listening and speaking
Future Careers	Forms a solid basis of further language acquisition in Arabic.

Economics

Subject	IGCSE Economics
Course Code	Edexcel – 4EC1
Link URL	https://qualifications.pearson.com/en/qualifications/edexcel-international-gcse-and-edexcel-certificates/international-gcse-economics-2017.html
How will I be assessed?	<p>There will be 2 papers.</p> <p>Paper 1: Microeconomics and Business Economics (Paper code 4EC1/01)</p> <p>Paper 2: Macroeconomics and the Global Economy (Paper code 4EC1/02)</p> <p>Each examination of 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.</p>
Objectives (Aims) of the Course	<p>The Pearson Edexcel International GCSE in Economics qualification enables students to:</p> <ul style="list-style-type: none"> • 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.
Brief outline of the Course	<p>1. Microeconomics and Business Economics The market system:</p> <ul style="list-style-type: none"> • The economic problem • Economic assumptions • Demand, supply and market equilibrium • Elasticity • The mixed economy <p>Externalities Business economics:</p> <ul style="list-style-type: none"> • Production • Productivity and division of labour • Business costs, revenues and profit • Business competition • The labour market • Government intervention <p>2. Macroeconomics and the Global Economy Government and the economy:</p> <ul style="list-style-type: none"> • Macroeconomic objectives • Government policies <p>Relationships between objectives and policies The global economy:</p> <ul style="list-style-type: none"> • Globalisation • International trade • Exchange rates
Future Careers	<p>Economist, Financial risk analyst, Data analyst, Financial planner, Accountant, Economic researcher, Financial consultant, Investment analyst.</p>

Business Studies

Subject	IGCSE Business Studies
Course Code	Edexcel – 4BS0
Link URL	http://www.edexcel.com/quals/iGCSE/iGCSE09/bus-Stud
How will I be assessed?	Single Tier assessment via 1 compulsory written paper set and marked by Edexcel. Paper:1 – 2 hours
Objectives (Aims) of the Course	By taking this course you will gain skills which are relevant to a wide range of subject and careers, including: <ol style="list-style-type: none"> 1. The ability to research, analyse, and present information. 2. The ability to take a critical view of current issues in the world of business. 3. The ability to present arguments using your own judgment, both in written work and in class discussions. 4. The ability to understand the dynamics of business activity. 5. To examine the objectives of businesses and criteria for judging success 6. To develop attitudes and skills relevant to Business Studies, such as investigation, problem solving, communication and ICT.
Brief outline of the Course	Knowledge and understanding of: <p>Business Activity and the Changing Environment - Introduces the nature and types of business within an economy and examines the interaction between businesses and their environment.</p> <p>Human Resources (HR) - Looks at people in organisations, focusing on their roles, relationships and management in business.</p> <p>Accounting and Finance - Explores the use of accounting and financial information as an aid to decision making.</p> <p>Marketing - Focuses on identifying and satisfying customer needs in a changing and competitive international environment.</p> <p>Production - Examines the way organisations use and manage resources to produce goods and services.</p>
Future Careers	Taking this course can lead to careers in the following areas: Accounting, Administration, Consultation, Human Resources, Marketing, Finance, Retail Management, Sales, Public sector jobs, Self-Employment

International GCSE Geography

Subject	IGCSE GEOGRAPHY
Course Code	Edexcel – (4GE1)
Link URL	https://qualifications.pearson.com/en/qualifications/edexcel-international-gcses-and-edexcel-certificates/international-gcse-geography-2017.html
How will I be assessed?	<p>Paper 1: Physical Geography *Paper code 4GE1/01</p> <p>Examination length: 1 hour and 10 minutes. Examination paper is in two sections. Section A (50 marks). Candidates choose two out of three questions on: river environments, coastal environments, hazardous environments. Section B (20 marks). Candidates choose one out of three fieldwork-related questions on: river environments, coastal environments, hazardous environments. Total for paper: 70 marks.</p> <p>Paper 2: Human Geography *Paper code 4GE1/02</p> <p>Examination length: 1 hour and 45 minutes. Examination paper is in three sections. Section A (50 marks). Candidates choose two out of three questions on: economic activity and energy, rural environments, and urban environments. Section B (20 marks). Candidates choose one out of three fieldwork-related questions on: economic activity and energy, rural environments, and urban environments. Section C (35 marks). Candidates choose one out of three questions on: fragile environments and climate change, globalisation and migration, and development and human welfare. Total for paper: 105 marks.</p>
Objectives (Aims) of the Course	<p>The aims and objectives of this qualification are to enable students to:</p> <ul style="list-style-type: none"> • apply and build on the fundamental building blocks of geographical knowledge • actively engage in the process of geographical enquiry to develop as effective and • independent learners, and as critical and reflective thinkers with enquiring minds • develop their knowledge and understanding of geographical concepts and appreciate the • relevance of these concepts to our changing world • develop a framework of spatial awareness in which to appreciate the importance of the • location of places and environments at a range of scales • appreciate that people have different views of, and attitudes to, the world, its environments and its issues • acquire, develop and apply practical geographical enquiry skills

	<ul style="list-style-type: none"> • undertake geographical investigations that include both primary and secondary • data collection, presentation and analysis, drawing conclusions, and evaluating the whole geographical investigation • develop and apply their learning to the real world through fieldwork • • develop their awareness of global issues and recognise the challenges of moving towards a sustainable future.
<p>Brief outline of the Course</p>	<p>Key features and benefits of the qualification:</p> <ul style="list-style-type: none"> • It adds an international dimension to the study of geography. • It encourages practical enquiry skills that underpin knowledge and understanding of geography. • Assessment is through one externally-assessed examination. • It provides a solid basis for progression to GCE AS and Advanced qualifications in geography, or equivalent qualifications such as BTEC Nationals in Travel and Tourism and land-based subjects.
<p>Future Careers</p>	<p>According to the Royal Geographical Society, Geography graduates have some of the highest rates of graduate employment.</p> <p>Geography is great for any kind of career that involves the environment, planning, or collecting and interpreting data. Popular careers for people with geography qualifications include: town or transport planning, surveying, conservation, sustainability, waste and water management, environmental planning, tourism, and weather forecasting.</p> <p>Research organisations, law and business world also love the practical research skills that geographers develop. Because geographers learn about human and population development, geography can be useful for jobs in charity and international relations too.</p>

Physical Education

(Level 1/Level 2 GCSE (9-1))

Subject	Physical Education
Course Code	Physical Education (1PE0)
Link URL	https://qualifications.pearson.com/content/dam/pdf/GCSE/Physical
How will I be assessed?	Written examination: 1 hour and 45 minutes Written examination: 1 hour and 15 minutes
Objectives (Aims) of the Course	The aims and objectives of this qualification are to enable students to: <ul style="list-style-type: none"> • develop theoretical knowledge and understanding of the factors that underpin physical activity and sport and use this knowledge and understanding to improve performance • understand how the physiological and psychological state affects performance in physical activity and sport • perform effectively in different physical activities by developing skills and techniques and selecting and using tactics, strategies and/or compositional ideas • develop their ability to analyse and evaluate to improve performance in physical activity and sport • understand the contribution that physical activity and sport make to health, fitness and well-being • understand the key socio-cultural influences that can affect people's involvement in physical activity and sport.
Brief outline of the Course	The assessment consists of students completing three physical activities from a set list. One must be a team activity. One must be an individual activity. The final activity can be a free choice. Students must participate in three separate activities. Students will be assessed against set assessment criteria found in the Pearson Edexcel Level1/Level 2 GCSE (9–1) in Physical Education practical performance assessment criteria document on our website. Each activity can last up to 12 hours. These will be assessed by the teacher and moderated by Pearson.
Future Careers	<ul style="list-style-type: none"> • Sports science • PE teacher • Physiotherapist • Professional sportsperson • Sports coach/consultant • Sports policy at local and national level • Diet and fitness instructor • Personal trainer

Computer Science

Subject	IGCSE Computer Science
Course Code	Cambridge – 0478
Link URL	http://www.cie.org.uk/images/203951-2017-2019-syllabus.pdf
How will I be assessed?	Two Compulsory papers: Paper 1 – 1 hour 45mins (Theory 60%) Paper 2 - 1 hour 45 minutes Problem-solving and Programming (40%)
Objectives (Aims) of the Course	This course helps to develop: <ol style="list-style-type: none"> 1. Computational thinking, that is thinking about what can be computed and how, and includes consideration of the data required 2. Understanding of the main principles of solving problems by using computers 3. Understanding that every computer system is made up of sub-systems, which in turn consist of further sub-systems 4. Understanding of the component parts of computer systems and how they interrelate, including software, data, hardware, communications and people 5. Skills necessary to apply understanding to solve computer-based problems using a high-level programming language
Brief outline of the Course	The topics covered are: <ol style="list-style-type: none"> 1. Data representation 2. Communication and Internet technologies 3. Hardware and software 4. Logic gates 5. Computer architecture and the fetch execute cycle 6. Input devices and output devices 7. Memory, storage devices and media 8. Operating systems 9. High- and low-level languages and their translators 10. Security 11. Ethics
Future Careers	It prepares students for Engineering, Teaching, Web designing, Web Development, Programming, Information System Analyst, Graphic Designer, Publishing, Network Technicians, Network Manager, Network Administrator, Telecommunications Engineer, Electrical Engineer and much more.

Psychology

Subject	GCSE Psychology
Course Code	1PS0
Link URL	http://qualifications.pearson.com/en/qualifications/edexcel-gcses/psychology-2017.html
How will I be assessed?	<p>Paper 1 (*Paper code: 1PS0/01)</p> <p>The paper consists of six sections. The first five sections each cover one of the topics:</p> <ul style="list-style-type: none"> • Topic 1: Development – How did you develop? • Topic 2: Memory – How does your memory work? • Topic 3: Psychological problems – How would psychological problems affect you? • Topic 4: The brain and neuropsychology – How does your brain affect you? • Topic 5: Social influence – How do others affect you? <p>These sections will include multiple-choice, short-open and open-response questions. The sixth section will contain two extended open-response questions. These questions will focus on debates within psychology and the interrelationships between the core areas of psychology.</p> <p>Duration: 1 hour and 45 minutes</p> <p>Paper 2_(Paper code: 1PS0/02)</p> <ul style="list-style-type: none"> • Section A: Research methods – How do you carry out psychological research? This section will focus primarily on Topic 11: Research methods – How do you carry out psychological research?, although it can draw on material from Topics 1 to 5 from Paper 1. It will contain question types that include calculations, multiple-choice, short-open and open response questions, and one extended open-response question. • Sections B to F: Optional topics Each of these sections covers one of the optional Topics 6 to 10. These sections will include multiple-choice, short-open and open-response questions, and one extended open-response question. <p>Duration: 1 hour and 20 minutes</p>
Objectives (Aims) of the Course	<p>The aims and objectives of this qualification are to enable students to:</p> <ul style="list-style-type: none"> • use specialist vocabulary, psychological concepts, terminology and convention to engage in the process of psychological enquiry • acquire knowledge and understanding of psychology, developing an understanding of self and others, and how psychological understanding can help to explain everyday social phenomena • understand how psychological research is conducted, including the role of scientific method and data analysis

	<ul style="list-style-type: none"> • present information, develop arguments and draw conclusions through a critical approach to psychological evidence, developing as reflective thinkers • develop an understanding of the relationship between psychology and personal, moral, social and cultural issues, and develop an understanding of ethical issues in psychology • develop an understanding of psychological issues, the contribution of psychology to individual, social and cultural diversity, and how psychology contributes to society.
Future Careers	Provides the foundation for students to pursue a career in clinical psychology, counselling, forensic psychology etc. Other areas include Business, HR and Law.

**We wish you all the best with your
choices, and a wonderful, fruitful
journey for the upcoming year
Insha'Allah.**

*"The hardest choices in life aren't between what's right and what's wrong but between what's right and what's best." — Jamie Ford, *Hotel on the Corner of Bitter and Sweet**

*"But until a person can say deeply and honestly, "I am what I am today because of the choices I made yesterday," that person cannot say, "I choose otherwise." — Stephen R. Covey, *The 7 Habits of Highly Effective People: Powerful Lessons in Personal Change**

"In the long run, we shape our lives, and we shape ourselves. The process never ends until we die. And the choices we make are ultimately our own responsibility." - Eleanor Roosevelt

"Knowledge exists potentially in the human soul like the seed in the soil; by learning the potential becomes actual." - Al-Ghazali

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