THE SULTAN'S SCHOOL

IGCSE

OPTION GUIDE

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The Sultan's School offers the International General Certificate of Secondary Education (IGCSE) in Years 10 and 11 as preparation for the International Baccalaureate's Diploma Programme in Years 12 and 13. IGCSE syllabi are designed as two-year courses for examination at age 16.

Students entering Year 10 must study four compulsory IGCSEs: Arabic, English Language, English Literature and Mathematics. In addition, they must choose four elective subjects, and complete the Islamic Studies, Social Studies and Physical Education courses.

Subject choices from the four Option Groups will be made subject to counselling from the IGCSE Coordinator, the University Guidance Counsellor and the Head of Secondary. Performance in Years 7, 8 and 9 is taken into consideration.

The option subjects are Physics, Chemistry, Biology, Business Studies, Economics, Geography, ICT, Computer Science, Physical Education, Music, Art and Design, and Drama.

The option groups that you will have to choose from are
(one subject from each list)
OPTION 1 : Biology, Physics, Chemistry, Geography
OPTION 2 : Business Studies, Art, Chemistry , ICT
OPTION 3 : Drama, Computer Science, Economics, Physics, Geography
OPTION 4 : Business Studies, Music, ICT, Biology, Physical Education

Career Choice Guidance

When choosing subjects for study at IGCSE it is advisable for students to select subjects based upon career aspirations and future study at International Baccalaureate level.

It is wise to consider the following advice:

- Seek careers advice before choosing your subjects (The Sultan's School has a Careers Advisor);
- Try to choose subjects that you are good at and subjects that you enjoy, as this will make learning interesting and fun;
- If you are unsure whether to take one or two sciences, consult the Careers Advisor and the Head of Science;
- Many subjects at IB have compulsory pre-requisites at IGCSE Level.
- If you do not study (and pass with a B or better) Chemistry at IGCSE for instance, then you will be advised not to opt for Chemistry Higher level at IB in Year 12.
- The same applies to many other subjects;
- Do not be influenced by the choices made by your friends. Choose what is right for you.

Remember IGCSE grades are a good indicator of future success at IB.

Arabic

Arabic IGCSE is taught as a first language; it is a two-year course aimed at enhancing students' language skills to achieve the following:

- continuous effective writing
- reinforcing the skills of analysis, discussion, and deduction
- encouraging students to appreciate, evaluate, and enjoy the texts they read
- enabling students to develop language skills that keep them up to date with scientific and universal issues
- helping students express their experiences and views, both objective and imaginative, when communicating with others
- building grammar skills through practical methods that differ from traditional methods

The IGCSE programme encourages independent study, enabling students to develop the skills of reflection and enquiry using traditional and modern resources; these include poetry (traditional and modern), literature, newspapers, research as well as access to the Internet and the latest information software.

Arabic, as a first language programme, encourages students to explore Arabic language and literature within the framework of their own cultural beliefs thus enriching their knowledge of the language and keeping abreast of developments within the modern world.

اللغة العربية

تقدم مدرسة السلطان برنامج IGCSE في مستويين:

أ) **مستوى اللغة الأولى**

ب) مستوى اللغة العربية لغة ثانية

ويركز المنهج على المهارات الأساسية والتي تشمل القراءة والفهم والكتابة.

والمهم في هذا المنهج تركيزه على جعل الطالب يتفاعل مع محيطه خاصة ومع القضايا الإنسانية عامة، وهو ما يجعل منه عنصرا واعيا بما يدور حوله في الكون من قضايا تشغل العالم (كقضايا: العولمة ، الجوع والحرمان، القضايا الاجتماعية، إضافة إلى قضايا البيئة الكونية..) والطالب بذلك يستطيع أن يربط بين اللغة العربية وما تتعرض له المواد الأخرى العلمية كالفيزياء والإحياء والجغرافيا والبيئة، وبناء عليه فإن هذ المنهج IGCSE يهيئ الطالب لدراسة منهج البكالوريا الدولية (IB) .

ومن الأهداف التي يحققها المنهج:

- تطبيق المعرفة والفهم في المواقف المألوفة والجديدة
- التحقيق العقلي والعلمي.
- المرونة والاستجابة للتغيير.
- العمل والتواصل باللغة العربية.
- الانفتاح على الثقافات الأخرى.
- الوعي الحضاري.

التقـيـيـم

يتم تقييم الطلاب في هذ المادة كالتالي:

أولا: اللغة الأولى

يختبر الطلاب في نهاية العاميين الدراسيين اختبارا كتابيا يتكون من ورقتين:

- الورقة الأولى: تركز على الفهم واستيعاب الأفكار، وتتكون من نصين يشتركان في الفكرة العامة، وعلى الطالب أن يجيب على مجموعة من الأسئلة بعد النص الأول، ثم في السؤال الثاني يلخص الطالب النصين، وتقييم هذه الورقة من 50 درجة.

- الورقة الثانية: وتشمل على قسمين هما : النقاش والجدال- السرد والوصف، يختار الطالب من كل قسم موضوعا واحدا يكتب عنه موضوعا إنشائيا يلتزم فيه بالمهمة منوعا الأفكار ومستخدما الحجج والبراهين إضافة إلى اللغة السليمة. وتقييم هذه الورقة من 50 درجة

ثانيا: اللغة الثانية

شروط القبول في مستوى اللغة العربية/ لغة ثانية

-1 الحصول على (د) أو أقل .
-2 موافقة قسم اللغة العربية.
-3 موافقة وزارة التربية والتعليم للطلبة العمانيين. التقييم

التقييم

يقسم الامتحان إلى ورقتين وتكون الدرجة للورقة الأولى : 65 درجة والمدة ساعة ونصف.

الورقة الثانية وهي ورقة التعبير وتتكون من سؤالين الأول من 15 درجة والثاني من 20 ومدة الامتحان 1:15 أي ساعة وربع الساعة.

أما الامتحان الشفهي فيتكون من أربعة أجزاء على النحو التالي:

1: ورقة تمثيل الأدوار، وهي من جزئين ومدتها 5 دقائق وعليها 30 درجة، بمعدل 15 درجة لكل دور.

2: عرض لموضوع يعده الطالب مسبقاً ومدته 5 دقائق متصلة مع الأدوار السابقة، (أي تليها مباشرة) وعليه 30 درجة.

3: المناقشة العامة حول موضوع ما يهم الطلبة وحياتهم ،ويتبع الموضوع المعد مسبقاً في التسجيل ، ومدته 5 دقائق وعليه 30 درجة.

4: الانطباع العام عن كل ما سبق من أداء الطالب وعليه 10 درجات ، وبهذا يكون المجموع العام 100 درجة.

First Language English

Cambridge IGCSE First Language English is a course which allows students to:

Develop the ability to communicate clearly, accurately and effectively when speaking and writing.

Learn how to use a wide-range of vocabulary, and the correct grammar, spelling and punctuation.

Develop a personal style and an awareness of the audience being addressed.

Students are also encouraged to read widely, both for their own enjoyment and to further their awareness of the ways in which the language can be used. Cambridge IGCSE First Language also develops more general analysis and communication skills such as synthesis, inference, and the ability to order facts and present opinions effectively. Successful candidates are well prepared for further study in the International Baccalaureate programme.

Aims of the Programme:

- enable candidates to understand and respond to what they hear, read and experience;
- enable candidates to communicate accurately, appropriately, confidently and effectively;
- encourage candidates to enjoy and appreciate a variety of language;
- complement candidates' ability to work with information and ideas in other areas of study, for example, by developing skills of analysis, synthesis and the drawing of inferences;
- promote candidates' personal development and an understanding of themselves and others.

Assessment Objectives in Cambridge IGCSE First Language English:

Reading:

Students will be assessed on their ability to:

- demonstrate understanding of explicit meanings
- demonstrate understanding of implicit meanings and attitudes
- analyse, evaluate and develop facts, ideas and opinions
- demonstrate understanding of how writers achieve effects
- select language and phrasing for specific purposes.

Writing:

Students will be assessed on their ability to:

- articulate experience and express what is thought, felt and imagined
- sequence facts, ideas and opinions
- use a range of appropriate vocabulary
- use register appropriate to audience and context
- make accurate use of spelling, punctuation and grammar.

Some examples of the types of texts we study: autobiography writing, monologue writing, travel writing, short story writing, advertising analysis, essay writing, argumentative/persuasive writing, speech writing, summary writing, dialogue writing, descriptive and narrative writing.

Second Language English

Cambridge IGCSE Second Language English is a course which allows students to:

Develop the ability to use English effectively for the purpose of practical communication.

Form a solid foundation for the skills required for further study or employment using English.

Develop the ability to communicate clearly, accurately and effectively when speaking and writing.

Learn how to use a wide-range of vocabulary, and the correct grammar, spelling and punctuation.

Successful candidates are prepared for further study in the International Baccalaureate programme.

Assessment Objectives in Cambridge IGCSE Second Language English:

Reading & Listening:
Students will be assessed on their ability to:

- identify and retrieve facts and details
- understand and select relevant information
- recognise and understand ideas, opinions and attitudes and the connections between related ideas
- understand what is implied but not actually written, e.g. gist, relationships, writer's purpose/intention, writer's feelings, situation or place

Writing:
Students will be assessed on their ability to:

- communicate clearly, accurately and appropriately
- convey information and express opinions effectively
- employ and control a variety of grammatical structures
- demonstrate knowledge and understanding of a range of appropriate vocabulary

- observe conventions of paragraphing, punctuation and spelling
- employ appropriate register/style

Speaking:
Students will be assessed on their ability to:

- communicate clearly, accurately and appropriately
- convey information and express opinions effectively
- employ and control a variety of grammatical structures
- demonstrate knowledge of a range of appropriate vocabulary
- engage in and influence the direction of conversation
- employ suitable pronunciation and stress patterns

Some examples of the types of texts we study:
public notices and signs (including timetables and advertisements), letters, brochures, forms, magazines, newspapers, postcards, letters, summaries, interviews and dialogues.

Literature

Universities and employers accept Cambridge IGCSE Literature as proof of real knowledge and understanding of the global society in which we are living. Successful candidates gain understanding of a mixture of cultures and countries borne out of the literature that they produce. Students are well prepared for further study in the International Baccalaureate programme. Academically, they learn lifelong skills, including the ability to:

- Read, interpret and evaluate texts through the study of literature;
- Develop an understanding of literal and implicit meaning, relevant contexts and of the deeper themes or attitudes that may be expressed;
- Recognise and appreciate the ways in which writers use language to achieve a range of effects;
- Present an informed, personal response to materials they have studied;
- Explore wider and universal issues, promoting students' better understanding of themselves and of the world around them.

Aims of the Programme:

The syllabus aims, which are not listed in order of priority, are to encourage and develop candidates' ability to:

- Enjoy the experience of reading literature;
- Understand and respond to literary texts in different forms and from different periods and cultures;
- Communicate an informed personal response appropriately and effectively;
- Appreciate different ways in which writers achieve their effects;
- Experience literature's contribution to aesthetic, imaginative and intellectual growth;
- Explore the contribution of literature to an understanding of areas of human concern.

Assessment Objectives

There are four Assessment Objectives and candidates are assessed on their ability to :

- develop a detailed knowledge of the content and form of literature
- engage with writers' ideas and treatment of themes, and appreciation of how texts relate to wider contexts
- recognise and appreciate how writers create and shape meanings and effects using language
- empathise through re-creation of a character's voice and thoughts

Topics Studied:

Drama, poetry, novel/short stories, essay writing, literary features and analysis.

Business Studies

IGCSE Business Studies has returned as a subject to the Sultan's school in 2016. Cambridge IGCSE Business Studies encourages students to develop their understanding of the business environment on a local, national and international scale.

The syllabus will include work on an Introduction to Business in all its forms and at all levels and provides students with lifelong skills that can be used in all areas of the business world.

Students taking the course will investigate the types of business organisations that exist and look at the roles people play in making a business a success. They will be involved in some Mathematics related to business finance and develop other skills in communicating and presenting during business based problem solving exercises where they will be expected to work on their own and in groups putting themselves in business situations and providing creative solutions backed up by factual and reasoned argument.

The students will be examined on their knowledge through TWO one hour and 45 minute exam papers at the end of the course. The second paper will be based on a real business case study that will be seen and examined before the examination. In the first paper they will answer short and structured response questions testing their understanding and application of the theory related to business problems and organisations they have studied. They will also be asked to analyse and evaluate business data, forming reasoned arguments and conclusions from it. There is no choice on either of these papers and both contribute 50% of the final IGCSE mark.

Business Studies provides a base for future studies in Business and/or Economics at higher levels, such as the IB programmes. It is designed to give students general and early experience of the commercial world that they can build on in more depth during Year 12 and 13.

Geography

Why should I study Geography?

You are constantly exposed to Geographical issues in everyday life, for example natural disasters, global warming, environmental concerns, changing cities and the impact of tourists. Geography will help you develop your awareness and understanding of the world we live in, of the patterns, processes and relationships that affect both the natural and manmade environment. You will find that Geography links well with both the Sciences and other Humanities subjects.

What will I gain from studying Geography?

- Develop a knowledge and understanding of people and places in a global society
- The ability to analyse and evaluate data, maps, graphs and photographs
- Broaden your global outlook and develop your environmental awareness
- To be able to undertake enquiry, develop teamwork and make informed decisions

You will be following the IGCSE Cambridge specification and you will be able to purchase an excellent textbook that directly covers this course.

The three core topics are

1. Population and Resources e.g. migration, Chinas one child policy.
2. The Natural Environment e.g. volcanoes, earthquakes, rivers, coasts.
3. Economic Development and the use of resources, e.g. tourism, energy issues.

The IGCSE course is assessed by

2 final exams – Paper 1 - 45% - Core themes
Paper 2 – 27.5% - geographical skills, map work and problem solving.

Coursework – 27.5% - write up of fieldwork.

This year students visited Seeb beach and collected data on the impact of human activities along the beach. This proved to be a very enjoyable and rewarding activity which will lead to greater student success.

A similar activity is planned for next year.

Economics

Economics is the study of the production of goods and services; specifically, what things are produced, how they are produced and who they are produced for. Economics is concerned with making the best use of the world's resources.

Economics is a comparatively specialised subject, while Business Studies is rather broader and more general in nature. The two subjects do however share some common elements throughout so students who are considering both should really think carefully about that as an option..

Economics is divided into "Microeconomics", which is the study of the behaviour of small groups of businesses and their customers, and "Macroeconomics", which involves investigating whole national economies, both at a regional and global level. Both areas will involve referring to theoretical studies and practical examples during the course.

The course covers a wide range of economic theory and includes specialised vocabulary and essay writing. Some mathematics is used. Class work will include real-life examples from newspapers and also case study material.

There are two final examination papers at the end of the course involving multiple-choice questions in Paper 1 which is 45 minutes long. This is followed by a longer 2 hour and 15 minute Paper 2 including questions asking for written answers of differing lengths ending in a choice of short essays on specific subject areas where the student has some choice. These papers will test the student on their knowledge and understanding of the terms and theories of economics and will ask them to apply that knowledge as well as analyse and evaluate the results in different situations. There is some Mathematical skill required in drawing and reading diagrams, calculating percentages and looking for trends in data.

Interest and knowledge of world current affairs is a major requirement of the course. Students may be interviewed to assess their interest in the programme if the course is over-subscribed or if their Year 9 grades suggest they would struggle with the Economics material.

B1
Splints
B2

Chemistry

Chemistry is all around you:

•The clothes you are wearing. The fabrics were cut using scissors made of steel extracted by a chemical process. The colours are from dyes synthesised by a chemical process and the fabrics themselves may well have been made from fibres synthesised by a chemical process.

•Your house. The materials used to build your house; bricks, metals, glass, cement all involved chemical processes to make them.

•Your food. The fruit and vegetables which you eat were probably grown using fertilizers and treated with pesticides and herbicides; all made by chemical processes.

•Your health. Chemical processes make drugs and medicines to cure and treat diseases and illnesses.

•Energy. The production of electricity to light and cool your house and the petrol to power your car involves Chemistry.

•Plastics. Wherever you are there will probably be something close to you made from plastic, a synthetic polymer: Your computer, your pen, the inside of your car, carrier bags, food wrappings, fishing nets etc. All of these are made by the chemist.

The IGCSE Chemistry course in Years 10 and 11 introduces the three main areas of chemistry: Physical (energy & rates of reaction), Inorganic (the periodic table / reactions of elements and compounds), and Organic (the chemistry of carbon compounds; fuels, foods, plastics).

The IGCSE certificate will enable you to study Chemistry at IB level in Years 12 and 13 which qualifies you to eventually specialise in one of the areas above at University. Chemistry is also considered a desirable qualification to accompany Maths and Physics to enter Engineering courses and an essential qualification to enter Medicine.

Physics

If you wish to make sense of the natural and technological world around you, understand your mobile phone, how your car lights turn on automatically, how stars shine, why a parachutist doesn't break any bones, then the study of Physics is for you.

Physics is regarded as the fundamental science, through which we try to explain everything from the smallest part of an atom to the whole universe.

The study of Physics is therefore the requirement of many university courses and subsequent careers. It is also essential you study IGCSE Physics if you want to study Physics at IB or A-level.

IGCSE Physics offers a course that is practically based and aims to develop problem solving skills and an enquiring mind.

The main topics are Forces & Motion, Electricity, Waves, Energy Resources & Transfer, Solids Liquids & Gases, Magnetism , Electromagnetism, Digital Electronics and Radioactivity & Particles.

Investigative skills play an important part in the course and are assessed by a written exam. At The Sultan's School we are fortunate to have exceptional resources for practical work including state of the art data logging facilities.

Careers that require the study of Physics include: Aviation, Architecture, Communications, Engineering, Environmental Sciences, Geophysics, Medical Physics,

See http://www.physics.org/careers for more details

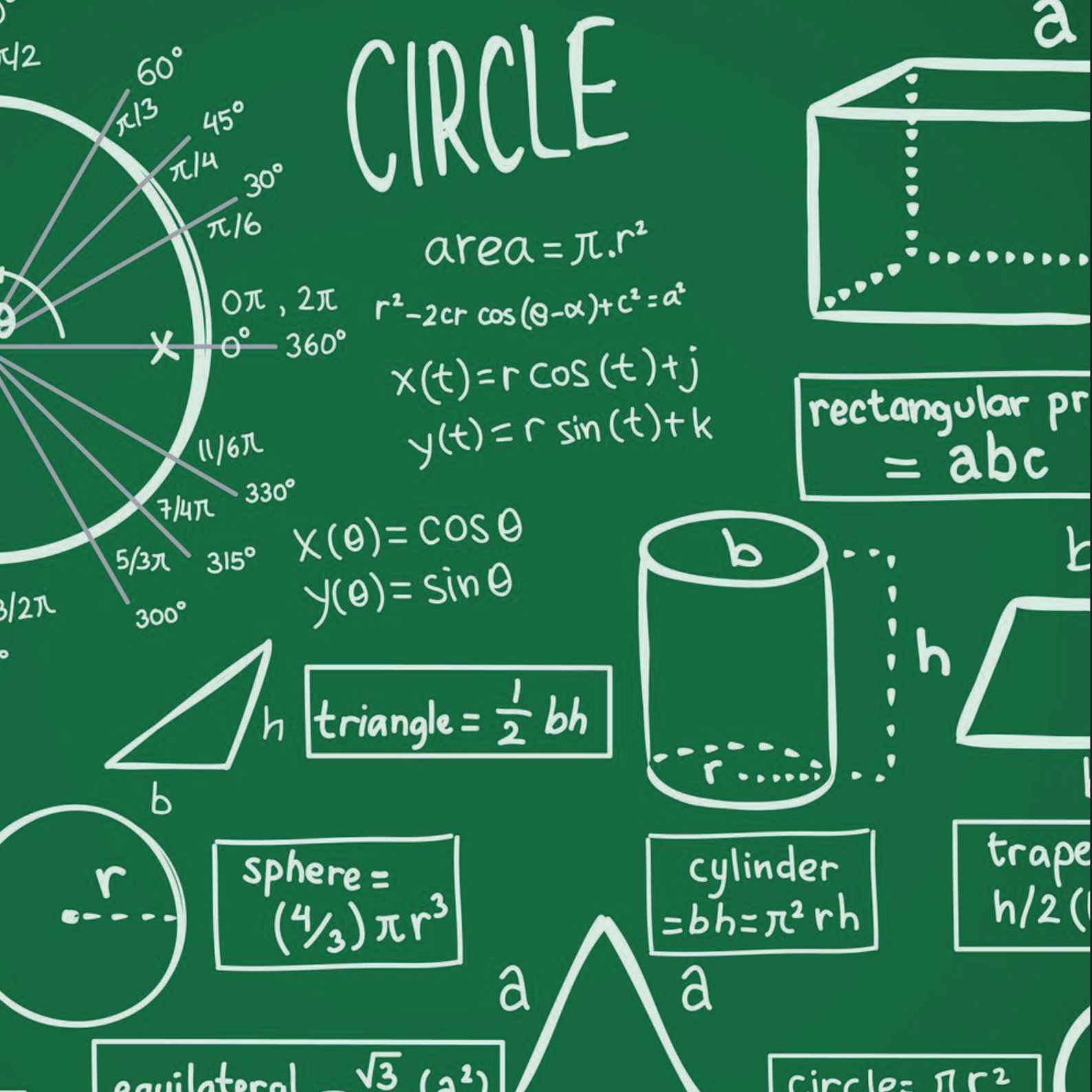
Biology

The Biology programme in Years 10 and 11 is a well-designed introduction to the study of living things. Primarily through practical investigative work, a variety of scientific skills, attitudes and a body of biological knowledge are acquired which is a worthwhile educational experience for all students, whether or not they go on to study biology in Years 12 and 13.

The content of the two-year course is an essential biological grounding for a wide range of further studies. It includes cell biology, nutrition, transport systems, excretion, sensitivity, reproduction, genetics and ecology.

Life issues such as health, human impact on the environment and sustainable resource management have become increasingly topical over recent years. The Biology programme at The Sultan's School will develop skills, attitudes and awareness that will enable our students to make informed decisions in everyday biological applications.

Careers that require the study of Biology include:
Medicine, Dentistry, Pharmacy, Forensic Science, Agriculture, Genetic engineering, Genetic counseling, Environmental engineering, Dietetics, Conservation, Cell Biology, Animal welfare.


CIRCLE
area = π.r²
r² − 2cr cos(θ−α) + c² = a²
x(t) = r cos(t) + j
y(t) = r sin(t) + k
x(θ) = cos θ
y(θ) = sin θ
60°
π/3
45°
π/4
30°
π/6
0π , 2π
0°
360°
11/6π
330°
7/4π
315°
5/3π
300°
3/2π
rectangular pr
= abc
triangle = 1/2 bh
sphere = (4/3) π r³
cylinder
=bh=π² rh
trape
h/2(
circle= π r²

Mathematics

The Cambridge IGCSE course in International Mathematics provides an outstanding foundation appropriate to the further study of Mathematics for the IB Diploma. Students will have the opportunity to learn mathematical skills and will be expected to apply them in the solution of problems. The syllabus is divided into two parts, 'core' (which is studied by all students), and 'extended' (which is studied in addition to the core by most students).

Year 10

On the basis of previous year's achievements and teacher recommendation students will be placed in an Extended group or the Core group. All students will study core and the extended groups will also study the supplement topics. Students' progress will be monitored by tests set internally based on past IGCSE examination questions. These tests will not contribute to the final IGCSE grade.

Year 11

At the beginning of Year 11, the extended students who have achieved an E in Year 10 will be placed in a Core group class that will only study the core components of the syllabus. The remaining students will continue to study both the core and the supplement components of the course. This decision will determine which examination the student will take. (See assessment below).

Assessment

The IGCSE grade is based solely on the result of the external examinations taken in May of Year 11. There is a choice of two different examinations:

Core - This examination covers only the core part of the syllabus. Students taking this examination can only be awarded grades C to G.

Extended - This examination covers both the core and the supplement part of the syllabus. Students taking this examination can only be awarded grades A to E.
Both examinations consist of three papers. The first paper contains short answer questions and is non-calculator, and accounts for 20% of the final grade; the second paper contains longer structured calculator questions and accounts for 60% of the final grade and the third paper is an Investigation paper which accounts for the final 20% of the grade. This assessment format mirrors the IB assessment formats for IB Standard level and IB higher level, thereby providing support and continuity.

Accelerated

Selected students from the present Year Nine have started on an accelerated stream and will have the opportunity to take their IGCSE examination at the end of their year 10. If successful they will get the opportunity to do a second Mathematics IGCSE, Additional Mathematics, which is outstanding preparation for IB HL and IB SL. They will complete this at the end of their year 11. These students will typically be aiming for the best Mathematics/Engineering/Science degrees and this course offers a great opportunity for the students to differentiate themselves.

IGCSE Art and Design

IGCSE Art is an exciting course that gives students the opportunity to study from a large variety of art styles, movements and materials and use what they learn to develop their own style, techniques and understanding of Art and its history. Students are encouraged to work creatively and produce imagery that reflects the world around them.

The Art course is structured in such a way that students are able to research, develop, refine and conclude an idea, encouraging a subjective and individual approach to set tasks.

Assessment

Towards the end of the first year students select two components from the list of options below:

Component 1 - Observation Paper - 50% each

• An externally set exam paper that allows 8 weeks preparation time to complete two sheets (four sides) of supporting studies on A2 paper.

•In addition, an 8 hour Observational exam that requires the student to complete an A2 size artwork in any medium of their choice.

OR

Component 2 - Interpretive Paper - 50% each

• An externally set exam paper that allows 8 weeks preparation time to complete two sheets (four sides) of supporting studies on A2 paper.

•In addition, an 8 hour interpretive exam that requires you to complete an A2 size artwork in any medium of your choice.

IN ADDITION TO

Component 3 - Critical studies (50%)

•This component is a combination of written work, supported by drawings and other artwork. There is a word limit of no more than 2000 words, and should again be no larger than A2.

This course would suit a student who has a particular ability to work through tasks in a dedicated manner and who possess a good level of natural ability and talent in drawing.

Music

The IGCSE Music course offers students the opportunity to develop their own practical musical skills through performing and composing. They also develop their listening skills by studying music from the main historical periods and styles of Western music as well as from selected non-Western traditions. The emphasis within the syllabus is as much on developing lifelong musical skills, as on acquiring knowledge. Learners studying Cambridge IGCSE Music are given the opportunity to:

- listen to and learn about music from a wide range of historical periods and major world cultures
- develop their skills in performing music, both individually and in a group with other musicians
- develop their skills in composing music in a style of their own choice.

The course is divided into 3 compulsory components:

Component 1
Listening exam (1 hour 15 minutes) 40%

Written examination based on CD recordings supplied by Cambridge worth 70 marks and is externally marked.

Component 2
Performing Coursework 30%
Two prepared performances, one individual and one ensemble worth 50 marks and is internally marked/externally moderated.

Component 3
Composing Coursework 30%
Two contrasting compositions worth 100 marks and scaled to 50 marks. This is internally marked/externally moderated.

The aims of the syllabus are to:

- enable candidates to acquire and consolidate a range of basic musical skills, knowledge and understanding, through the activities of listening, performing and composing
- help candidates develop a perceptive and critical response to the main historical periods and styles of Western music
- help candidates to recognise and understand the music of selected non-Western traditions, and thus to form an appreciation of cultural similarities and differences
- provide a foundation for the development of an informed appreciation of music
- provide a foundation for further study in music at a higher level.

Drama

Cambridge IGCSE Drama is accepted by universities and employers as proof of knowledge and understanding of both the theory and practical application of drama. Through practical and theoretical study, the Cambridge IGCSE Drama syllabus encourages students to understand and enjoy drama by:

- developing their performance skills, both individually and in groups
- understanding the role of actor, director and designer in creating a piece of theatre
- considering ways in which ideas and feelings can be communicated to an audience
- discovering the performance possibilities of plays and other dramatic stimuli
- devising dramatic material of their own.

For IGCSE Drama, candidates take two compulsory components: Component 1 (Written examination) and Component 2 (Coursework), and are eligible for the award of grades A* to G.

Component 1 -

Written examination (2 hours 30 minutes): 40%

The questions on this paper relate to pre-release material which is sent to Centres in advance of the examination. This material consists of three stimuli and an extended extract from a play (or an abridged version of an entire play). Candidates devise a piece of drama based on one of the three stimuli and study the extract from the play. The questions on the paper will require candidates to have engaged with the pre-release material from the perspective of actor, director and designer. The question paper is structured as follows:

• **Section A** (30 marks) Candidates answer 6–8 short-answer questions on the extract from the play (20 marks) and 2–4 questions on the drama devised from their chosen stimulus (10 marks).

• **Section B** (25 marks) Candidates answer one longer-answer question from a choice of three on the extract from the play.

• **Section C** (25 marks) Candidates answer one longer-answer question from a choice of three on the drama devised from their chosen stimulus. Externally assessed.

Component 2 - Coursework 60%

Candidates submit three pieces of practical work.

• One individual piece (3–5 minutes): one performance of an extract from a play. oup pieces (maximum 15 minutes each): one performance of an extract from a play and one original devised piece.

Although practical work is worth 60% of the final grade, it is worth remembering that the theory paper is a challenging test of their ability to coherently write about devised and published plays. This is why this subject is accepted by all universities. Anyone with an interest in performing, who enjoys working with others and who would like to develop their communication and analytical skills, would find this course beneficial and fun!

Information and Communication Technology (ICT)

The ICT IGCSE course covers both theory and practical applications of ICT. The practical components require the students to have a good knowledge of Word Processors, Presentation software, Spreadsheets, Databases, Desk Top Publishing and Web Design. The Sultan's School currently uses Microsoft Office Suite 2007 and Web Expression 4. You should have access to a laptop/PC with internet connection at home. Access to Microsoft Office will be of great benefit.

Course Aim

IGCSE Information and Communication Technology aims to develop:

- knowledge of ICT including new and emerging technologies
- autonomous and discerning use of ICT
- skills to enhance work produced in a range of contexts
- skills to analyse, design, implement, test and evaluate ICT systems
- skills to consider the impact of current and new technologies on methods of working in the outside world and on social, economic, ethical and moral issues
- ICT-based solutions to solve problems
- the ability to recognise potential risks when using ICT, and use safe, secure and responsible practice

Assessment

The IGCSE ICT examination consists of:

Paper 1: Theory	40%
Paper 2: Practical	30%
Paper 3: Practical	30%

Career associated with qualification

A broad range of possibilities linked to the use of the internet and computers within society; this includes a career as an ICT Manager, ICT Sales Assistant, ICT Sales Professional, ICT Support Technician, ICT Trainer, Digital Multimedia, Marketing and Web Specialist.

Entry Requirements:

Pupils must be working at Level 6 or higher in Maths and at least Level 6 in English. Pupils must also be independent learners and be willing to try out their ICT skills at home.

Computer Science

Course Content

IGCSE Computer Science available to Year 10 pupils as an alternative to ICT. The role of Computer Science as a discipline itself and as an 'underpinning' subject across science and engineering is growing rapidly. Computer technology continues to advance rapidly and the way that technology is consumed has also been changing at a fast pace over recent years. The growth in the use of mobile devices and web-related technologies has exploded, resulting in many exciting new challenges.

Course Aim

Cambridge IGCSE Computer Science syllabus aims are to develop:

- Computational thinking that is thinking about what can be computed and how, and includes consideration of the data required
- Understanding of the main principles of solving problems by using computers
- Understanding that every computer system is made up of sub-systems, which in turn consist of further sub-systems
- Understanding of the component parts of computer systems and how they relate, including software, data, hardware, communications and people
- Skills necessary to apply understanding to solve computer-based problems using a high-level programming language - Python.

You should have access to a laptop/PC with internet connection at home. You will be advised which software to download.

Assessment

The IGCSE Computer Science examination consists of:

Paper 1: Theory	60%
Paper 2: Problem-solving and programming	40%

Course progression

IB Information Technology in Global Society (ITGS)
IB Computer Science

Career Opportunities

A broad range of possibilities linked to the use of the internet and computers within society; this includes career as a Software Systems Engineer, Systems Analyst, Systems Engineer, Web Developer, Network Engineer, Database Administrator, Software Developer/Engineer

Entry Requirements:

Pupils must be working at Level 7 or higher in Maths and at least Level 6 in English. Pupils must also be independent learners and be willing to try out their programming skills at home. Pupils must show good analytical and problem solving skills.

Physical Education

The IGCSE syllabus provides students with an opportunity to study both the practical and theoretical aspects of Physical Education. It is also designed to foster enjoyment in physical activity. The knowledge gained should enable the students to develop an understanding of effective and safe physical performance.

At the end of the course, there is a written examination paper which accounts for 40% of the final grade. Coursework counts for the other 60%.

Paper 1: 50%

Paper 1 is made up of three units:

- Factors Affecting Performance
- Health, Safety and Training Reason
- Opportunities for Participation in Physical Activity.

The question paper consists of short answer and structured questions on each of the three units.

Coursework: 50%

Coursework is made up of six categories of practical activity:

- Games
- Gymnastic Activities
- Dance
- Athletic Activities
- Outdoor and Adventurous Activities
- Swimming

Coursework requires students to offer a minimum of four activities from two of the six categories. In assessing the practical activities, the following assessment objectives must be met:

- Planning, Performing and Evaluating 40%
  (A practical element)
- Analysing and Improving 10%
  (A written piece of coursework)

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