



مدرسة جيمس ونشستر
GEMS Winchester School
DUBAI

SECONDARY SCHOOL PROSPECTUS:

Key-stages 4 and 5

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CONTENTS PAGE

05 Welcome to **GEMS Winchester School, Dubai**

07 A message from our Principal & CEO
Mr. Matt Lecuyer

09 A message from our Secondary Headteacher
Mr. Rob Gauntlett

10 Teaching & Learning at GEMS Winchester Dubai
Ms. Helen Carmody

11 Studying at KS4 & KS5
Mr. Richard Smith

13 KS4 Subjects
GCSE

47 KS5 Subjects
A-Level

61 KS5 Subjects
BTEC





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DUBAI



Welcome to GEMS Winchester School, Dubai

GEMS Winchester School Dubai delivers a British curriculum that is sensitive and respectful of Arabic culture and local traditions. Our enhanced National Curriculum for England integrates 21st century skills and competencies to develop confident, resilient and adaptable young adults for an ever-changing world.

Our curriculum is imaginatively designed to provide a wealth of opportunities where students can take intelligent risks, ask questions to satisfy their intellectual curiosity, and explore ideas to deepen their understanding while promoting critical thinking skills. We allow students to develop their knowledge, understanding and creativity through a curriculum underpinned by the GEMS Core Values of 'Leading through Innovation, Pursuing Excellence, Growing by Learning, and Global Citizenship'. This approach fosters our students' readiness for some of the finest universities both in the UAE and overseas, as well as their employability.

Our curriculum is designed to support all students in selecting a balanced range of subjects. To ensure all of our students are on the correct path, WSD offers a variety of different support features:

Advice and Guidance

- *Options information booklet*
- *Taster lessons for options*
- *Career planning during Enrichment*
- *Options information evening*
- *Parent-teacher consultation day*
- *SLT support and guidance*

This prospectus is designed to provide information about what we offer our Key-stage Four and Five students here at GEMS Winchester Dubai. We hope that you find the information in this prospectus useful and we wish your son/daughter every success in finding the right pathway for them!





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A Message from our Principal & CEO

Welcome to GEMS Winchester Dubai. I am extremely proud to lead this British-curriculum, multi-cultural educational community. We are a large school, but anyone who visits the campus remarks on what a close, family-feel our school has. We are a supportive and friendly community that works hard but also nurtures and encourages all members of our family.

Our Winchester School Dubai community all believes in a shared vision:

“ To ensure that we travel on a special journey towards becoming an outstanding school in all aspects with the GEMS core values being central to what we do. ”



To achieve this, we strive to develop, in all learners, the quest for knowledge, a proficiency in written and oral communication skills, and the capability to think independently. We aim to nurture in students an open mind capable of analytical thinking, combined with commitment and a strong work ethic, all the while

guiding them to become confident, self-assured and caring citizens of tomorrow. We encourage all students to realise their true potential and follow their chosen learning path as well as experiencing new opportunities and skills.

Our facilities here at our Dubai Land campus allow learning to occur at all levels. The expansive sporting resources include multiple football pitches, basketball, volleyball and badminton courts. Furthermore, the state-of-the-art cricket pavilion, match day cricket creases and a plethora of nets gives ample opportunity to develop sporting skills.

For those seeking creativity and a chance to perform, options to express artistic talent occur in small groups on a large full working stage, dance studio or behind the scenes on the lighting and sound board, alongside sound-proofed music rooms, all giving a range of platforms to showcase skills.

With a rich abundance of IT and computing options, digital learning for the future can occur throughout the school with a seamless link to home studies; this is coupled with an array of Science Laboratories giving options to not only Physics, Chemistry and Biology but also STEAM and innovation opportunities.

Landscaped gardens and outdoor classrooms throughout the school see students immersed in wellness and sustainability projects with dedicated break out spaces that reflect the family ethos and richly diverse school. As you wander the school corridors and grounds, students and parents alike feel the tolerant and moral value that the WSD student body is proud to be part of and share ownership of.

Our learning environment reflects who we are! At WSD, we are forever proud of our learning, the community and the school itself. Come and see for yourself, we welcome you with open arms to be part of the WSD family and community.

Mr. Matt Lecuyer

Principal and CEO

matthewjames.l_wsd@Gemsedu.com



مدرسة جيمس ونشستر
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A Message from our Secondary Headteacher

“Education is not to reform students...or to make them expert technicians. It is to unsettle their minds, widen their horizons, inflame their intellects, teach them to think straight.”
—Robert Maynard Hutchins, former University of Chicago President.

It is with great pleasure that we outline here, in this prospectus, our curriculum provision at GEMS Winchester Dubai. I am incredibly proud of what we offer our students; I believe we provide a broad range of pathways for students of all types and abilities, in keeping with the comprehensive ethos of the school. We offer a variety of pathways that ensure that we meet the needs of a wide vista of students, preparing our students for life after secondary school. Our curriculum offering provides us with the opportunity to create bespoke programmes for our students to ensure that they engage in courses they are passionate about studying and that will open gateways into tertiary education when they finish secondary school.

The curriculum we offer at GEMS Winchester Dubai is:

- National Curriculum of England (in Year 7 to 9)
- GCSE and iGCSE (in Years 10 and 11)
- GCE A-Levels at Post-16 (Year 12 and 13)
- BTEC at Post 16 (Years 12 and 13)



We work hard to ensure that we place students on pathways where they will both experience success and, equally as important, experience the excitement of studying subjects that are truly engaging and rewarding. We do not talk about one subject being better than the other; we talk about 'pathways to success'! Our aim at GEMS Winchester Dubai is to prepare our students for their next step following Post-16 and the end of secondary school. For the majority of our students, that is university; for some, that might be an apprenticeship or some vocational training. Whatever their plans, the aim of our curriculum offering is to foster in our students an independence and confidence that will prepare them for success. Gone are the days of spoon-feeding and reliance on teachers; instead, resilience and determination to find solutions and take responsibility for learning dominates the ethos of our learning community, and at the heart of that is the learner who recognises that he or she is ultimately in control of how they learn and what they do to make progress in their studies. Our experienced staff, experts in their fields of study, are here to facilitate this journey, offering support and guidance on the pathway to their next goal. Recent innovations in remote learning and online platforms, an area KHDA judged us as 'Developed' in, have only supported us further in establishing this ethos and ensuring that our students understand the role they play and the responsibility they have for their own education.

Our curriculum provision is underpinned by excellent pastoral care and guidance, meaning that our students feel happy and well-supported at all stages of their learning. Students benefit from access to an extensive range of co-curricular activities alongside their academic studies and access to our exceptional Sports facilities. They have access to specialist, personalised careers and university guidance, and there are opportunities for work-experience and internships in a wide range of fields.

The information found within this prospectus is designed to provide a flavour of the courses we offer at GEMS Winchester Dubai as well as the entry criteria for each of the subjects. I am always happy to meet with students and parents to discuss in detail the different pathways we offer. My contact details can be found below.

Mr. Rob Gauntlett

Secondary Headteacher

@robert.g_wsd@gemsedu.com

Teaching & learning at GEMS Winchester Dubai



As you enter into the next phase of your education, that will include new examination levels, you will learn new ways of working that are part of your journey. This is nothing to be worried about as all your teachers are here to support you. The exams will be challenging although, with perseverance and a continued focus on study, you will succeed! Support at GEMS Winchester Dubai is given from a variety of sources including your teachers, peers and family.

The pace of learning will increase to reflect the qualification you are studying for. Having the right attitude, taking time to prepare and a focus on effective study skills, you will progress and be prepared for the examinations.

As with previous years of study, home learning will be an important feature of your course. We want to develop your independent study skills, with the resilience to not give up but find solutions and remove barriers. Having a growth mindset, with which you are willing to try new ways of working, will support you.

If you know there are lessons you have found challenging during the day, we will encourage you to further your skills studying at home and we will provide supporting materials to help you discover and learn. Our teachers are here to provide you with advice and the resources to succeed but, most importantly, this will come from your attitude and effort.

There will be an increase in difficulty; you will be challenged each and every day. This is important to help you progress and achieve your full potential. With this, you need to build your resilience and know that the more work you put in, the less challenging things will become.

Reading and literacy skills are at the heart of all levels of study. We value them in our broad curriculum, and English, Maths and Science are integral to a well-rounded education. We have a dedicated team for English Language Learners as well as departments to support you to gain the level of literacy you will require to be successful on your course. This, supported with your work at home and dedication to self-improvement, will help you to be successful over these coming years.

We continue to provide students with a range of opportunities outside the classroom to help extend leadership and communication skills in order to help our students to grow as individuals and prepare for future careers.

Ms. Helen Carmody

Secondary Teaching & Learning Coach
helen.c_wsd@gemsedu.com



At Key-Stage 4 (Years 10 and 11), you are studying towards your iGCSE examinations which take place at the end of Year 11. In these examinations, you are assessed on all of the curriculum taught in Years 10 and 11. With this in mind, it is important that you frequently review the topics studied throughout the entirety of the course. You are expected to be more independent when it comes to studying and ensuring that you stay on top of all the work.

You will have a mixture of compulsory subjects (for example, English and Maths) as well as the options subjects that you have elected to study. It is vital that you pay each of the subjects equal attention.

In Key Stage 5 (Years 12 and 13) you will be studying towards AS-Level or A-Level qualifications respectively. In the international context, these subjects are taught and assessed in modules. Two modules in year 12 make up the AS-Level qualification with the further two modules in year 13 making up the full A-Level qualification. As your final grade is based on the total marks in these modular exams, it is really important that you work hard continuously throughout the entire course.

Students at Key-Stage 5 typically choose three or four A-level subjects to study, and these choices are usually influenced by the subjects they enjoyed or were good at during their GCSEs. You will have periods in your timetable where you do not have lessons. These are study periods where you should be independently completing assignments or reviewing topics where you need to complete further study or revision. As universities and employers are now looking for skills that go beyond academic excellence, we encourage students to invest some of their study time completing online courses from higher education institutes called Massive Open Online Courses (MOOCs)

At GEMS Winchester School Dubai (WSD), we believe that accurate assessment and feedback is crucial to ensuring that all pupils make the maximum progress and reach their true potential. Students can expect regular feedback from teachers on how to improve their work and gain a deeper understanding of the subject.

In addition to this, there are regular assessments for each topic as well as termly assessments to help students keep track of their progress. In examination years (Years 11, 12, and 13) students will sit one or two sets of Mock Assessments getting topic-level feedback to help them improve.

In the lead up to exams, we provide extra support classes for all students after school and during the holidays.

Mr. Richard Smith

Secondary Assistant Principal
@richard.s_wsd@gemsedu.com





COLOURS



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KS4

SUBJECTS



At the end of Year 9, students choose **six** subjects to study, one subject from each of the blocks in the table below. These subjects are in addition to the Core subjects of English, Maths, and Arabic.

Outside of our option blocks, all students will have lessons in Moral Education and Social Studies, in line with Ministry of Education (MOE) requirements. For general fitness, all students will have one lesson of Physical Education per week. All Muslim students will attend Islamic Studies lessons while Non-Muslims attend Personal, Social & Health Education.

- All students study Mathematics in Year 10 and teachers decide whether the higher or foundation course is more suitable.
- All students study English Language in Year 10 and teachers decide whether the first language or second language course is more suitable in Year 11.
- All students study Science, either Double Science or at least two separate Sciences. Teachers, parents and students discuss to ensure students are placed on the correct course. If students choose Double Science then it must be in Blocks 1&2 or 4&5. Students can choose Separate sciences in any block they like, but they must choose at least two.
- Students that need additional support with English Language are be guided to choose Additional English.
- *Physical Education (PE) in Option Block 1 and 6 is an iGCSE examination subject which is separate to the non-examined PE lessons that all students do for general fitness.

YEAR 10 OPTION BLOCKS:

Block 1	Block 2	Block 3	Block 4	Block 5	Block 6
Biology	Chemistry	Physics	Biology	Chemistry	Physics
Science Double Award		Business Studies	Science Double Award		Business Studies
Physical Education	French	Drama	Media Studies	Geography	Travel & tourism
Travel & Tourism	Economics	Computer Science	Computer Science	Economics	English Literature
Accounting	Global Perspectives	ICT	Global Perspectives	ICT	Physical Education
Art	Media Studies	Sociology	History	Art	Additional English



EQUIVALENCY

At the end of 2018, the UAE Ministry of Education (MOE) communicated with all schools, informing them of changes to Equivalency (Decree). The amended equivalency requirements impact students graduating from high school from the academic year 2021-22 onwards. In particular, it affects students who are seeking to attend university and/or gain future employment in the UAE. It is also understood that the updated MOE decree impacts Arab students seeking to attend university and/or gain future employment in certain Arab countries. The Decree, in its current form, states that any student in a British Curriculum school must achieve a grade A* - D (9-4) in five approved iGCSE subjects including English, Mathematics, one separate Science or Double Science. They must also achieve a grade A*-D in two approved GCE Advanced Level (A-Level) subjects. Students must also complete the mandatory number of years instruction in Arabic and Islamic studies as per the Ministry of Education. This means that a student cannot qualify for a letter of Equivalency unless they have completed year 13.

FUTURE PATHWAYS, INCLUDING DOUBLE SCIENCE FOR EGYPTIAN STUDENTS

When choosing your options, it is important to check that they are suitable for what and where you wish to study in the future. It is very important for students wishing to attend university in Egypt to note that Double Science is not acceptable and students have to study a minimum of two separate sciences at iGCSE. Media Studies, Physical Education, Global Perspectives and Travel and Tourism are also not recognized by the Supreme Council of Universities in Egypt.





Year 5-K - Mr. Shereya Chabrown
مدرسة الجيمس ونشستر

READY FOR USE

14 LIFE BELOW WATER
GOALS

15 LIFE ON LAND
GOALS

16 PEACE, JUSTICE AND STRONG INSTITUTIONS
GOALS



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DUBAI



CORE

SUBJECTS

iGCSE English Language



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WHO SHOULD DO THIS COURSE?

All students are required to study English Language at iGCSE.

WHAT WILL BE STUDIED?

Cambridge IGCSE First Language English offers candidates the opportunity to respond with understanding to a rich array of reading texts and develop their writing skills during the course as a whole.

There will be two Papers:

Paper 1: Reading [50% of the final grade]

Candidates will be assessed on their ability to demonstrate an understanding of explicit and implicit meanings and attitudes, as well as demonstrate understanding of how writers achieve effects and influence readers.

Paper 2: Directed Writing and Composition [50% of the final grade]

Candidates are assessed on their ability to analyse, evaluate and develop facts, ideas and opinions, using appropriate support from a text, as well as articulate experience and express what is thought, felt and imagined using a range of vocabulary and sentence structures with appropriate context.

WHAT QUALIFICATIONS DO I NEED?

We recommend that learners starting this course should have studied an English Language curriculum such as the Key Stage 3 programme of study within the National Curriculum for England.



HOW WILL I BE ASSESSED?

Candidates undertake two papers:

Paper 1: Reading: Candidates answer three compulsory questions on three texts which may be on a similar topic. (This will include: comprehension, summary, short-answer questions, language tasks and extended response)

Paper 2: Directed Writing and Composition:

Candidates answer two questions, one from each section.

Section 1: Candidates answer one compulsory question from one of two texts. The response can be either a discursive / argumentative / persuasive speech, letter or article.

Section 2: Candidates answer one question from a choice of four titles: two descriptive and two narratives. Candidates use the title to develop and write a composition. Candidates write about 350–450 words.

FUTURE PROSPECTS

This course is accepted and valued by leading universities and employers around the world as evidence of academic achievement. You can opt for postgraduate courses in areas such as teaching, journalism, librarianship or law. Such courses allow you to study in an area you wish to enter as a career. English graduates may decide to undertake further study in areas such as marketing and management, finance, human resource management and business to enhance their knowledge of a specific career area.

FURTHER INFORMATION

If you need any further information about English As A First Language, please contact the Head of English Department, Ms. Ligi: ligi.c_wsd@gemsedu.com.

<https://www.cambridgeinternational.org/programmes-and-qualifications/cambridge-igcse-english-first-language-0500/>





iGCSE

English Literature

WHO SHOULD DO THIS COURSE?

Studying English literature opens up a world of inspiration and creativity, while also developing your analytical, interpretation and presentation skills. It is a chance to discover how literature makes sense of the world through stories, poems, novels and plays.

WHAT WILL BE STUDIED?

For this course, you get an option to choose from the two routes. These include:

Paper 1 – Prose and Drama (40% of the International GCSE)

Prose

- Charles Dickens: *Great Expectations*, Harper Lee: *To Kill a Mockingbird*, Markus Zusak: *The Book Thief* and Kazuo

Ishiguro: *Never Let Me Go*.

Drama

- William Shakespeare: *Julius Caesar* or *Macbeth*, J.B Priestley: *An Inspector Calls*, Arthur Miller: *The Crucible* and Lorraine Hansberry: *A Raisin in the Sun*.

Paper 2A – Poetry and Unseen texts (60% of the International GCSE)

Poetry

- Selection of specified poetry from Oxford AQA Exams Poetry Anthology People and Places e.g. Robert Frost, Alice Walker, Thomas Hardy, William Blake and many more.

Unseen Prose and Poetry

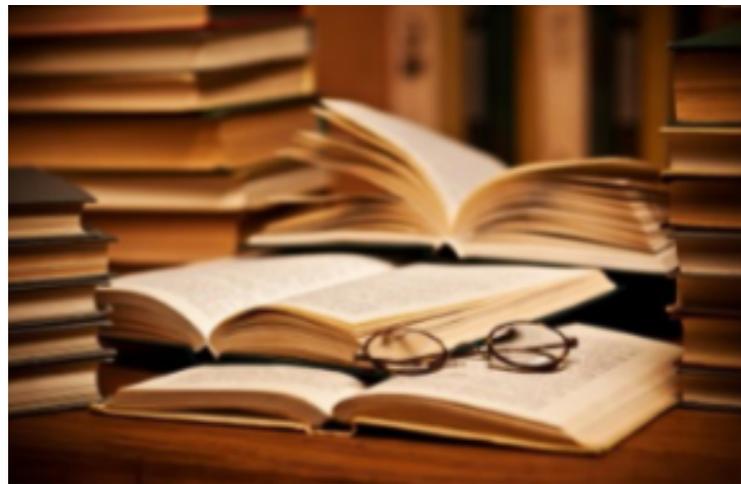
- Students will read a wide range of poetry and prose in order to develop their ability to closely analyse poems and prose. They should be able to analyse and compare key features such as their content, theme, structure and use of language

WHAT QUALIFICATIONS DO I NEED?

We recommend that learners starting this course should have studied an English Language curriculum such as the Key Stage 3 programme of study within the National Curriculum for England.

HOW WILL I BE ASSESSED?

This course is modular with each component a percentage of the final award.



FUTURE PROSPECTS

English Literature is considered as a facilitating subject for university, and is highly regarded as an academic subject by top universities of the Russell Group and Ivy League, as well as others around the world. It will equip you for a career in business as much as for a career in journalism, law or even medicine.

FURTHER INFORMATION

If you need any further information about English Literature, please contact the Head of English Department, Ms Ligi: ligi.c_wsd@gemsedu.com.

<https://www.oxfordaqaexams.org.uk/subjects/english/international-gcse-english-literature-9275>





iGCSE *Mathematics*

WHO SHOULD DO THIS COURSE?

All students are required to study Mathematics at iGCSE.

WHAT WILL BE STUDIED?

A GCSE in Mathematics requires students to: develop knowledge, skills, and understanding of mathematical methods and concepts, including:

- Number
- Algebra
- Ratio, proportion, and rates of change
- Geometry and Measures
- Probability
- Statistics

The course also gives students the opportunity to develop the ability to:

- Acquire and use problem-solving strategies
- Select and apply mathematical techniques and methods in every day and real-world situations
- Reason mathematically, make deductions and inferences and draw conclusions
- Interpret and communicate mathematical information in a variety of forms appropriate to the information and context

HOW WILL I BE ASSESSED?

Students will be required to show their application of mathematics and their choice of skills in a variety of practical and investigative problems within these assessments. Entry to the International GCSE Mathematics is made of two overlapping tiers:

1. Higher tier: Grades 9 - 4
2. Foundation tier: Grades 5 - 1

Students are assessed by two written papers:

- Both papers are calculator based
- Each paper is 2 hours long
- Each paper contributes to 50% of the qualification

FUTURE PROSPECTS

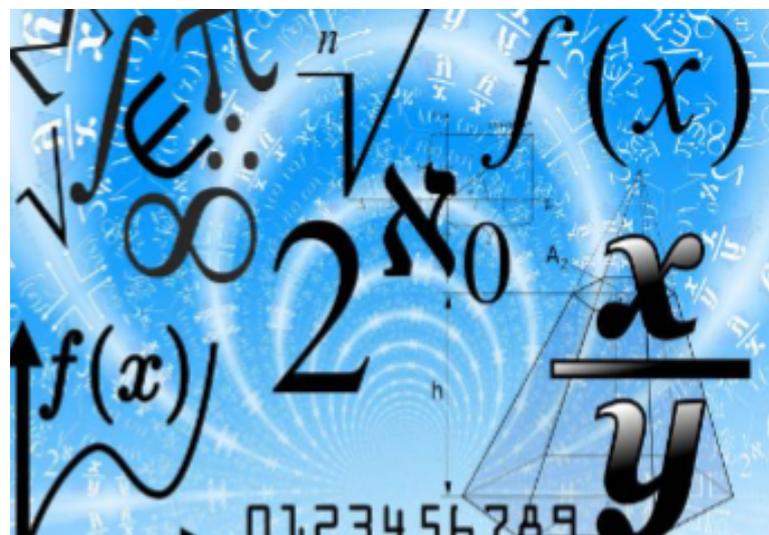
Successful completion of the course provides an excellent platform to study AS/A-Level Mathematics.

FURTHER INFORMATION

If you need any further information about Mathematics, please contact the Head of Maths Department, Mr. Chudhary: muhammad.c2_wsd@gemsedu.com

Or alternatively visit:

<https://qualifications.pearson.com/content/dam/pdf/International%20GCSE/Mathematics%20A/2016/Specification%20and%20sample%20assessments/International-GCSE-in-Mathematics-Spec-A.pdf>





كيف سيتم تقييمي ؟

سيتم التقييم من خلال نوعين من التقييمات ، وهي التقييمات المستمرة والتقييمات الختامية. أولاً: التقييمات المستمرة/ البنائية:

يقوم بها المعلم أثناء عملية التعلم ، وتبدأ مع بداية التعلم وتواكبه أثناء سير الحصة بهدف التخطيط الجيد ، وكذلك الوقوف على النقاط التالية:

1- تقييم أقوال وأفعال ومهارات الطالب التي يتعامل بها في الموقف التعليمي.

2- نوعية إجاباته عن الأسئلة الموجهة إليه.

3- نوعية تساؤلاته وما يثيره من إشكاليات ترتبط بالمواقف التعليمية.

4- ملف الطالب وهو ملف يتضمن نماذج من أعمال الطلبة واهتماماتهم التي يتم انتقاؤها بعناية لتظهر مدى تقدم الطالب وقيامه بالمهام الصفية والواجبات والتكليفات والأعمال البحثية.

ثانياً: التقييمات الختامية:

يكون في نهاية كل فصل دراسي من خلال ورقة الأسئلة ، ويتم من خلالها تحديد مستوى تحصيل الطالب بطريقة منظمة من خلال إجاباته على ما سبق دراسته.

والتقييم يكون خلال مستويات التقييم المقررة كما يلي:

- إذا حصل الطالب على نسبة أقل من 50% ؛ فقد قام بالمهارة بشكل ضعيف.

- إذا حصل الطالب على نسبة 50% وحتى 69%؛ فقد قام بالمهارة بشكل متوسط.

- إذا حصل الطالب على نسبة 70% وحتى 90% ؛ فقد قام بالمهارة بشكل جيد.

- إذا حصل الطالب على نسبة 91% وحتى 100%؛ فقد قام بالمهارة بشكل متقن ومهارة عالية.

مجالات العمل المستقبلية:

إن لمتعلمي اللغة العربية ومتخصصيها العديد من مجالات العمل المستقبلية فيمكنهم العمل في مجال التدريس بالمدارس والمعاهد المتخصصة في تعليم اللغة العربية، ويمكنهم أيضاً العمل بالتدقيق اللغوي في مجال الصحافة والإعلام، بالإضافة إلى إمكانية العمل بدور النشر، والمطارات وشركات السياحة وغيرها من الوظائف التي تتطلب معرفة جيدة باللغة العربية وفنونها المختلفة.

: لمزيد من المعلومات

يرجى التواصل مع الأستاذ/ محمود الغنام .. منسق اللغة العربية (اللغة الأولى) بالمرحلة الثانوية.

Mahmoudabdel.a_wsd@gemsedu.com

<https://www.moe.gov.ae/Ar/ImportantLinks/Documents/A>

/pprovedTextBooks/الاطار%20العام%20لمعايير%20المناهج/

الإطار%20العام%20لمعايير%20المناهج%202017%20اللغة%20العربية

من الذي يمكنه دراسة منهاج التربية والتعليم لمادة اللغة العربية ؟

إن مادة اللغة العربية هي مادة إلزامية على جميع الطلاب من الجنسيات العربية على أرض الإمارات العربية المتحدة، وتبدأ دراسة منهاج اللغة العربية من السنة الثانية وحتى السنة الثالثة عشر في جميع المدارس التي تطبق المنهاج البريطاني. نقوم نحن مدرسة جيمس ونشستر بتقديم برنامج تأسيسي في مادة اللغة العربية منذ بداية مرحلة الروضة.

ما الذي سيتم دراسته ؟

أولاً: أساسيات القراءة

1.1 المعرفة بالكتب والمطبوعات.

1.3 تعرّف الكلمات والطلاقة.

ثانياً: قراءة النصوص الأدبية:

2.1 معرفة الفكر الرئيسة والتفاصيل.

2.3 تكامل المعرفة مع الفكر.

ثالثاً: قراءة النصوص المعلوماتية:

3.1 معرفة الفكرة الرئيسة والتفاصيل.

وخصائصه.

3.3 تكامل المعرفة مع المهارات. للفكرة.

رابعاً: الكتابة:

4.1 البحث لبناء المعرفة وتقديمها.

الكتابية ونشرها.

خامساً: الاستماع والمحادثة:

5.1 استيعاب المعرفة وتقديمها.

وجهات النظر.

سادساً: اللغة:

6.1 اكتساب المفردات واستخدامها(المعجم).

والصرف.

6.3 الإملاء. 6.4 الخط. 6.5 البلاغة. 6.6 العروض.

ما المؤهلات التي أحتاجها ؟

إذا كنت تخطط للالتحاق بالثانوية البريطانية، فعليك أن تعرف أن مادة اللغة العربية هي مادة إلزامية لجميع الطلاب العرب في جميع المدارس و تبدأ دراستها من السنة الثانية وحتى السنة الثالثة عشر، وهي شرط أساسي للتقديم في الجامعات حتى لو لم تكن متضمنة ضمن التقدير النهائي للثانوية البريطانية. رغم أن هناك بعض الدول التي لا تطلب شهادة استكمال دراسة منهاج اللغة العربية؛ يظل هذا غير مقبول في الجامعات الحكومية والعربية وخاصة في دولة الإمارات العربية المتحدة.



iGCSE Combined science



مدرسة جيمس ونشستر
GEMS Winchester School
DUBAI

WHO SHOULD DO THIS COURSE?

iGCSE study in Combined Science provides the foundations for understanding the material world. Scientific understanding is changing our lives and is vital to the world's future prosperity, and all students should learn the essential aspects of the knowledge, methods, processes and uses of science. iGCSE Combined Science helps students of all abilities and all aspirations to realise their potential.

WHAT WILL BE STUDIED?

Science is an enquiry-based discipline involving practical and investigational skills as well as knowledge. The specification emphasises scientific knowledge, the application of science, and the scientific process. Students will learn about:

Biology:

- Organisation
- Bioenergetics
- Ecology
- Organisms interaction with the environment
- Inheritance
- Variation and evolution

Chemistry:

- Atomic structure and the periodic table
- Structure, bonding and properties of matter
- Chemical changes
- Acids, Bases and Salts
- Quantitative chemistry
- Trends within the periodic table
- Rate and extent of chemical change
- Energy change
- Organic chemistry

Physics:

- Force and its effects
- Energy
- Waves
- Particle model of matter
- Electricity and magnetism
- Nuclear physics
- Space Physics

WHAT QUALIFICATIONS DO I NEED?

There are no previous learning requirements to study Combined Science.

HOW WILL I BE ASSESSED?

Students are assessed through three written examinations: one for Biology, one for Chemistry, and one for Physics. Each exam is worth 100 marks and you have 1hr 45mins to complete it.

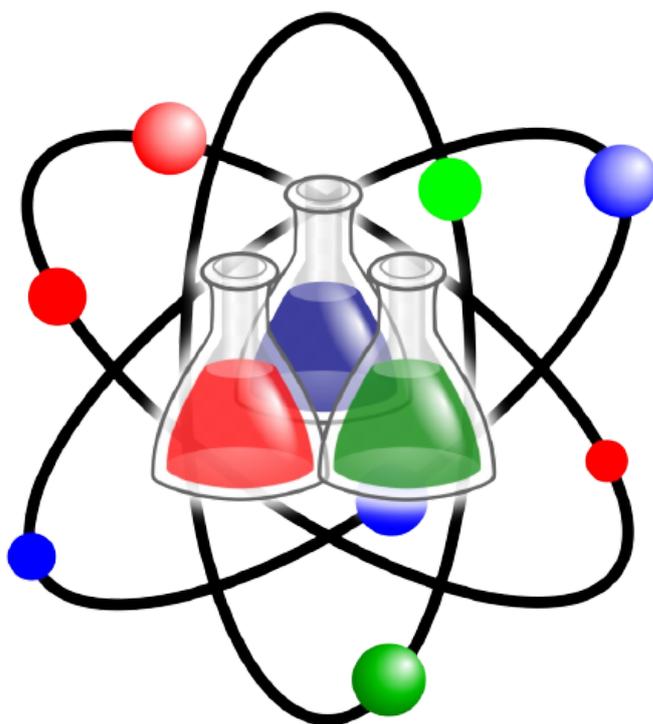
FUTURE PROSPECTS

Studying iGCSE can help set you up for a range of careers in Science and Research. Candidates who achieve GCSE grades 9 to 5 are well prepared to follow a wide range of courses including Oxford AQA AS & A-Level Triple Sciences.

FURTHER INFORMATION

If you need any further information about iGCSE Chemistry, please contact Ms. Jeny Abraham (Head of Science) via email at jeny.a_wsd@gemsedu.com.

<https://cf.oxfordaqaexams.org.uk/oaqaresources/specifications/oxfordaqa-international-gcse-chemistry-specification.pdf>



iGCSE Biology



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WHO SHOULD DO THIS COURSE?

Biology is the science behind life and all living things. If you have always wondered about natural science, plants and lifeforms, consider taking iGCSE Biology.

Through the teaching of this Biology syllabus, students will develop knowledge and understanding of the subject content of Biology, the practices of science and how science, as a discipline, develops.

iGCSE Biology stimulates students interest in and enthusiasm for biology and provides an excellent grounding for further study which is ideal for learners who want to study a wide variety of biological sciences at university or to follow a career in science.

WHAT WILL BE STUDIED?

Biology is an inquiry-based discipline involving practical and investigational skills as well as knowledge. The specification emphasises scientific knowledge, the application of science, and the scientific process. Students will learn about:

- Organisation
- Bioenergetics
- Ecology
- Organisms interaction with the environment
- Inheritance
- Variation and evolution

WHAT QUALIFICATIONS DO I NEED?

There are no previous learning requirements, although we strongly recommend that students taking single Science subjects have a Current Working Level of at least a level 5.

HOW WILL I BE ASSESSED?

Students are assessed through two written examinations, taken at the end of Year 11.

Paper 1: 1 hour 30 minutes (90 marks)

Paper 2: 1 hour 30 minutes (90 marks)



FUTURE PROSPECTS

Studying iGCSE Biology can help set you up for a range of careers in science and research. Candidates who achieve GCSE grades 9 to 6 are well prepared to follow a wide range of courses including Oxford AQA AS & A-Level Biology. Typical jobs that require Biology include medicine and healthcare, agriculture, as well as sports and fitness.

FURTHER INFORMATION

If you need any further information about iGCSE Biology, please contact Ms. Jeny Abraham (Head of Science) via email at jeny.a_wsd@gemsedu.com.

<https://cf.oxfordaqaexams.org.uk/oaqaresources/specifications/oxfordaqa-international-gcse-biology-specification.pdf>





iGCSE Chemistry

WHO SHOULD DO THIS COURSE?

Chemistry is sometimes known as the "central science" because it helps to connect physical sciences like Maths and Physics with Applied Sciences like Biology, Medicine, and Engineering. iGCSE Chemistry provides a firm foundation for studying the subject at A-level.

WHAT WILL BE STUDIED?

Chemistry is an inquiry-based discipline involving practical and investigational skills as well as knowledge. The specification emphasises scientific knowledge, the application of science and the scientific process. Students will learn about:

- Atomic structure and the periodic table
- Structure, bonding, and properties of matter
- Chemical changes
- Acids, Bases, and Salts
- Quantitative chemistry
- Trends within the periodic table
- Rate and extent of chemical change
- Energy change
- Organic chemistry

WHAT QUALIFICATIONS DO I NEED?

There are no previous learning requirements, although we strongly recommend that students taking single Science subjects have a Current Working Level of at least a 5.

HOW WILL I BE ASSESSED?

Students are assessed through two written examinations, taken at the end of year 11.

Paper 1: 1 hour 30 minutes (90 marks)

Paper 2: 1 hour 30 minutes (90 marks)

FUTURE PROSPECTS

Candidates who achieve a GCSE grades 9 to 5 are well prepared to follow a wide range of courses including Oxford AQA AS & A-Level Chemistry.

Chemistry is an important subject for careers in medicine, environmental science, engineering, toxicology, developing consumer products, metallurgy, space exploration, developing perfumes and cosmetics, pharmaceuticals, energy, teaching, science writing, software development and research.

FURTHER INFORMATION

If you need any further information about iGCSE Chemistry, please contact Ms. Jeny Abraham (Head of Science) via email at jeny.a_wsd@gemsedu.com.

<https://cf.oxfordaqaexams.org.uk/oaqaresources/specifications/oxfordaqa-international-gcse-chemistry-specification.pdf>



iGCSE Physics



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WHO SHOULD DO THIS COURSE?

The course encourages creative thinking and problem-solving skills which are transferable to any future career path in Physics. The emphasis throughout is on the understanding of concepts and the application of physics ideas in novel contexts as well as on the acquisition of knowledge. iGCSE Physics provides a firm foundation for studying the subject at A-Level.

WHAT WILL BE STUDIED?

Physics is an enquiry-based discipline involving practical and investigational skills as well as knowledge. The specification emphasises scientific knowledge, the application of science and the scientific process. Students will learn about:

- Force and its effects
- Energy
- Waves
- Particle model of matter
- Electricity and magnetism
- Nuclear physics
- Space Physics

WHAT QUALIFICATIONS DO I NEED?

There are no previous learning requirements, although we strongly recommend that students taking single Science subjects have a Current Working Level of at least a level 5.

HOW WILL I BE ASSESSED?

Students are assessed through two written examinations, taken at the end of Year 11.

Paper 1: 1 hour 30 minutes (90 marks)

Paper 2: 1 hour 30 minutes (90 marks)

FUTURE PROSPECTS

Candidates who achieve a GCSE grade 9 to 5 are well prepared to follow a wide range of courses including Oxford AQA AS & A-Level Physics.

A Physics degree is a great starting point for a career in scientific research, as well as in a range of careers in the business, finance, IT and engineering sector.



FURTHER INFORMATION

If you need any further information about iGCSE Physics, please contact Ms. Jeny Abraham (Head of Science) via email at jeny.a_wsd@gemsedu.com.

<https://cf.oxfordaqaexams.org.uk/oaqaresources/specifications/oxfordaqa-international-gcse-physics-specification.pdf>





من الذي يمكنه دراسة مادة التربية الإسلامية ؟

مادة التربية الإسلامية هي مادة إلزامية على جميع الطلاب المسلمين في دولة الإمارات العربية المتحدة. تبدأ دراسة منهاج التربية الإسلامية من السنة الثانية وحتى السنة الثالثة عشر في المدارس التي تطبق المنهاج البريطاني.

ما الذي سيتم دراسته ؟

وضعت وزارة التربية والتعليم منهاج التربية الإسلامية لجميع المراحل؛ بهدف إعداد الطالب لمواجهة تحديات المستقبل، وتزويده بالمعارف والمهارات والقيم والاتجاهات اللازمة؛ بحيث يكون للتربية الإسلامية الدور الفعال والبارز في بناء الشخصية المؤمنة بعقيدتها، والملتزمة بقيمها، والمنفتحة بإيجابية على غيرها، وإعداد جيل مخلص لوطنه، يحافظ عليه، ويصونه، ويشارك في بنائه ونهضته. ويتعلم الطالب بوضوح من خلال تقسيم الموضوعات إلى مجالات، والمجال إلى محاور، والمحور إلى معايير، ومن ثم النواتج التعليمية. تنظم المعايير في عدة مجالات مميزة لطبيعة التربية الإسلامية، وهذه المجالات هي: (الوحي الإلهي - العقيدة الإسلامية - قيم الإسلام وآدابه - أحكام الإسلام ومقاصدها - السيرة والشخصيات - الهوية والقضايا المعاصرة).

ما المؤهلات التي أحتاجها ؟

إذا كنت تخطط للالتحاق بالثانوية البريطانية، فعليك أن تعرف أن مادة التربية الإسلامية هي مادة إلزامية لجميع المراحل الدراسية وحتى الصف الثالث عشر، وهي شرط أساسي للتقديم في الجامعات حتى لو لم تكن متضمنة ضمن التقدير النهائي للثانوية البريطانية. رغم أن هناك بعض الدول التي لا تطلب شهادة استكمال دراسة منهاج التربية الإسلامية؛ يظل هذا غير مقبول في الجامعات الحكومية والعربية خاصة في دولة الإمارات.

ما المؤهلات التي أحتاجها ؟

سيتم التقييم من خلال نوعين من التقييمات، وهي التقييمات المستمرة والتقييمات الختامية.

أولاً: التقييمات المستمرة:

هي رصد مدى تقدم الطالب، وجمع معلومات عن طبيعة تفكيره، وأسلوبه في حل المشكلات، وهي أسئلة مباشرة من المعلم إلى الطالب وتكون وليدة الموقف وليست بحاجة إلى إعداد مسبق، ويتم من خلالها مراقبة أربعة جوانب على مدار العام وخلال الحصص الدراسية وتقييمات نهاية الوحدة:

- 1- تقييم أقوال وأفعال ومهارات الطالب التي يتعامل بها في الموقف التعليمي.
- 2- نوعية إجاباته عن الأسئلة الموجهة إليه.
- 3- نوعية تساؤلاته وما يثيره من إشكاليات ترتبط بالمواقف التعليمية.

4- ملف الطالب وهو ملف يتضمن نماذج من أعمال الطلبة واهتماماتهم التي يتم انتقاؤها بعناية لتظهر مدى تقدم الطالب وقيامه بالمهام الصفية واللاصفية الموكلة إليه.

ثانياً: التقييمات الختامية:

تكون في نهاية كل فصل دراسي من خلال ورقة الأسئلة، بالإضافة إلى الاختبار الشفهي (تسميع ما تم حفظه من النصوص القرآنية المقررة).

ويتم من خلالها تحديد مستوى تحصيل الطالب بطريقة منظمة من خلال إجاباته على ما سبق دراسته.

والتقييم يكون خلال مستويات التقييم المقررة كما يلي:

- إذا حصل الطالب على نسبة أقل من 50%؛ فقد قام بالمهارة بشكل ضعيف.

- إذا حصل الطالب على نسبة 50% وحتى 69%؛ فقد قام بالمهارة بشكل متوسط.

- إذا حصل الطالب على نسبة 70% وحتى 90%؛ فقد قام بالمهارة بشكل جيد.

- إذا حصل الطالب على نسبة 91% وحتى 100%؛ فقد قام بالمهارة بشكل متقن ومهارة عالية.

مجالات العمل المستقبلية:

إن لمتعلمي التربية الإسلامية ومتخصصيها العديد من

مجالات العمل المستقبلية فيمكنهم العمل في مجال

التدريس بالمدارس والمعاهد المتخصصة في علوم التربية الإسلامية وفروعها، ويمكنهم أيضاً العمل بالإعلام وتقديم

البرامج الدينية، بالإضافة إلى إمكانية العمل بالمساجد ودور العبادة كالأئمة والدعاة وكذلك وزارات الأوقاف والجهات

التابعة لها، وغيرها من الوظائف التي تتطلب معرفة جيدة بالتربية الإسلامية ومجالاتها المختلفة.

: لمزيد من المعلومات

إذا كنت بحاجة لمزيد من المعلومات أو الاستفسار حول منهاج التربية الإسلامية وخصائصها (لناطقين باللغة العربية أو الناطقين بغيرها).

يرجى التواصل مع الأستاذ/ عمار عبد المحسن . رئيس قسم التربية الإسلامية.

Ammarabdelmo.e_wsd@Gemsedu.com

<https://www.moe.gov.ae/Ar/ImportantLinks/Assessment/Documents/Curriculum-docs>

الإطار 20% العام 20% لمعايير 20% المناهج 20% 2017 20% التربية 20%





دليل الثانوية البريطانية للغة العربية (اللغة الأولى)

من الذي يمكنه دراسة اللغة العربية منهاج
الثانوية البريطانية ؟

- السؤال الأول: يكون فيه نصين مختلفين مع أسئلة تطبيقية لقياس مستوى فهمك، ومجموع الدرجات فيه 20 درجة، ويضاف إليها 5 درجات لجودة اللغة المستخدمة، فيكون إجمالي الدرجات 25 درجة.
- السؤال الثاني: يطلب فيه عادة تلخيص أحد النصين أو الربط بين النصين بدمج النصين في نص واحد (يعبر كلا النصين عن نفس الفكرة)، ومجموع الدرجات لهذا السؤال 25 درجة.

الورقة الثانية: الكتابة:

- السؤال الأول: ويختار المتعلم الكتابة في أحد الموضوعين (النقاش والجدال و النص الإقناعي) ويراعي فيه خصائص اللون الكتابي، وتوظيف علامات الترقيم، ومجموع درجاته 25 درجة.
 - السؤال الثاني: ويختار المتعلم الكتابة في أحد الموضوعين (النص الوصفي و النص السردى) ويراعي فيه خصائص اللون الكتابي، وتوظيف علامات الترقيم، ومجموع درجاته 25 درجة.
- والتقييم يكون خلال مستويات التقييم المقررة كما يلي:

A* - A - B - C - D - E - F - G

مجالات العمل المستقبلية:

إن لمتعلمي اللغة العربية ومتخصصيها العديد من مجالات العمل المستقبلية فيمكنهم العمل في مجال التدريس بالمدارس والمعاهد المتخصصة في تعليم اللغة العربية، ويمكنهم أيضا العمل بالتدقيق اللغوي في مجال الصحافة والإعلام، بالإضافة إلى إمكانية العمل بدور النشر، والمطارات وشركات السياحة وغيرها من الوظائف التي تتطلب معرفة جيدة باللغة العربية وفنونها المختلفة.

: لمزيد من المعلومات

إذا كنت بحاجة لمزيد من المعلومات أو الاستفسار حول
الثانوية البريطانية للغة العربية (اللغة الأولى)..

يرجى التواصل مع الأستاذ/ محمود الغنام .. منسق اللغة العربية
(اللغة الأولى) بالمرحلة الثانوية

Mahmoudabdel.a_wsd@gemsedu.com

إذا كنت قادرًا على إظهار فهمًا وإتقانًا للمفاهيم اللغوية، والمصطلحات، والمفردات المختلفة، وتوظيفها في سياقات متعددة، وكنت قادرًا على توظيف معجمك وحصيلتك اللغوية في التعبير عن وجهة نظرك، والحديث عن قضايا مجتمعية وبيئية واقتصادية في إطار من الدقة اللغوية المستندة إلى القواعد النحوية، وأظهرت معرفتك الجيدة بمهارات اللغة العربية واستخدامها بدرجة مقبولة من الطلاقة إما لفظيًا أو كتابيًا ! فأنت مؤهل لدراسة و إتقان اللغة العربية كلغة أولى بالثانوية البريطانية.

ما الذي سيتم دراسته ؟

إن منهاج الثانوية البريطانية يعتمد في مضمونه على أربعة جوانب رئيسية؛ تبدأ بفهم المقروء ثم يتبعها التلخيص ثم الربط بين النصوص المختلفة وتنتهي بمهارات التعبير والكتابة.

أسئلة فهم المقروء تعتمد على قراءة المتعلم لنصوص مختلفة والإجابة عن أسئلة تظهر فهمه لما قرأ، ثم يأتي دور تلخيص النص المقروء مع الحفاظ على الفكر والتفاصيل المهمة فيه، أما عن الربط بين النصوص فيكون بنقد الفكرة وتحليل الأسلوب ومعالجة اللغة في كلا النصين، وسرد أوجه التشابه والاختلاف بينهما، أما عن التعبير والكتابة فسيتم دراسة ألوان كتابية تختلف ما بين السرد و الوصف والإقناع و الجدل والنقاش، والتطبيق على أفكار وقضايا متنوعة ومألوفة، مع مراعاة بنية النص وسلامة ودقة اللغة المستخدمة، واستخدام الأدلة الداعمة، وعلامات الترقيم بشكل صحيح.

ما المؤهلات التي أحتاجها ؟

إذا كنت تخطط للالتحاق بالثانوية البريطانية للغة العربية، فعليك الحصول على المستويات (5 ، 6) وما أعلى في الصف التاسع، والبناء على ذلك مع تطوير مهارات الكتابة والتعبير عن الرأي خلال الصف العاشر. الرجاء الأخذ في الاعتبار أن اللغة العربية هي مادة إلزامية لجميع الطلاب العرب في دولة الإمارات العربية المتحدة وشرط أساسي للقبول في الجامعات العربية وخاصة بدولة الإمارات المتحدة.

كيف سيتم تقييمي ؟

سيتم التقييم من خلال ورقتي امتحان (القراءة و الكتابة)، على النحو التالي:

الورقة الأولى: فهم المقروء:

IGCSE Arabic as a Foreign Language



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DUBAI

WHO SHOULD DO THIS COURSE?

If you are able to demonstrate knowledge of a range of vocabulary relating to topics encountered in daily life, able to communicate information using straightforward vocabulary, structures and verbs and able to demonstrate a good understanding of vocabulary and grammatical structure; you are good enough to do IGCSE Arabic as foreign language.

WHAT WILL BE STUDIED?

The subject content is organised in five broad topic areas. 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 Arabic is spoken. The five topic areas are (everyday activities, personal and social life, the world around us, the world of work & the international world.

R: They will be expected to read and understand a variety of written and spoken texts on familiar topics.

W: They will be expected to write in Arabic on familiar, everyday topics.

S: They will be expected to speak the language by taking part in everyday conversations

WHAT QUALIFICATIONS DO I NEED?

We advise the students who wish to select Arabic as a foreign language to have at least end of Y09 CWL in Arabic to be A* – B (9-6) if they are non-native Arabic speakers.

If the student is an Arabic Native speaker will need end of Y-09 CWL in Arabic to be C or better (4 or above).

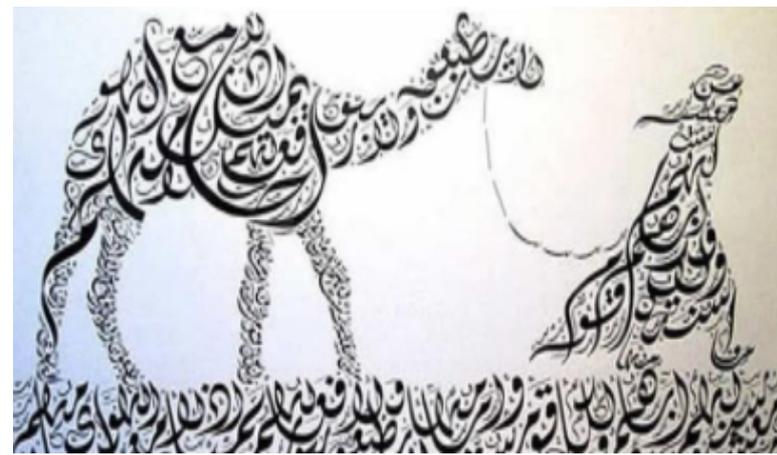
*Please, note that for Arabs who wish to apply Arabic as forging language, while this might be acceptable in other countries, it is not acceptable in the UAE and most of the local universities in the gulf and middle east.

HOW WILL I BE ASSESSED?

All candidates apply three papers (S/R/W). Students will be eligible for grades A* to G. All papers test Modern Standard Arabic.

FUTURE PROSPECTS

For all languages' learners, many careers opportunities are offered especially in the gulf countries. You may become a translator, an interpreter, apply for a foreign language intelligence role or work as a teacher of a foreign language especially at east Asian countries. Also, a customer service position that requires Arabic language or take a linguist job in the military or Air Port.



FURTHER INFORMATION

If you need any further information about, please contact the Arabic 2nd secondary Lead, Ms Hekmat:
hekmat.s_wsd@Gemsedu.com

<https://www.cambridgeinternational.org/programmes-and-qualifications/cambridge-igcse-arabic-first-language-0508/>





MoE Islamic Education

WHO SHOULD DO THIS COURSE?

Islamic Education is compulsory for all Muslim students living in the UAE, and is being taught to year 2 through year 13 students in the British curriculum schools.

WHAT WILL BE STUDIED?

The MOE has set an Islamic curriculum for all stages in order that students will be totally prepared for future challenges, and be equipped with the whatsoever deemed necessary of skills, knowledge, values and purposeful mindset. It is no wonder that Islamic studies plays a pivotal role in creating an Islamic character committed to faith and values and responsibly open to others. In addition to that, it aims at raising a generation of young people willing to serve their country to the fullest. The Islamic curriculum does cover a number of themes; divine revelation, Islamic beliefs, Islamic values and manners, Islamic rulings and aims, biographies and identity and contemporary issues.

WHAT QUALIFICATIONS DO I NEED?

If you are planning to enrol in a British school as a high school student, you got to be aware that Islamic education is compulsory for year 2-13 students, and a certificate of completion of Islamic education curriculum is required for university registrations, especially in government, Arab universities, including those in the UAE.



HOW WILL I BE ASSESSED?

You will be assessed through a number of formative and summative assessments.

First: Formative assessment: The aim of conducting these assessments is to monitor student progress and way of solving problems. Students do not need to prepare for the assessments which monitor four aspects as following:

- Student actions and sayings within the educational arena.
- How a student answers a question
- What kind of education-related questions they ask
- Student file which includes samples of their classwork and home assignments

Second: Summative assessments: By end of every term, a written and oral summative assessment will be conducted to test student attainment against prescribed criteria.

The below grading scale will be used for guidance:

- 50% or less - low skilled.
- 50% - 69% - Moderately-low skilled.
- 70% -90% - Moderately skilled.
- 91% -100% - Highly skilled.

FUTURE PROSPECTS

Islamic education students have several work opportunities in teaching, media, preaching and many other jobs requiring good command of Islamic studies.

FURTHER INFORMATION

If you need any further information about MoE Islamic Education subject, please contact: Mr. Ammar Abdel Mohsen Ammarabdelmo.e_wsd@Gemsedu.com





مدرسة جيمس ونشستر
GEMS Winchester School

DUBAI



KS4
OPTION
SUBJECTS



GCSE Art & Design

WHO SHOULD DO THIS COURSE?

GCSE Art and Design is suitable for students with an interest in drawing and painting who enjoy being creative. Students will be introduced to a variety of materials and techniques, and will learn about artists' work through research and gallery visits. Students are encouraged to be experimental, to work from observation and imagination, and to develop their ideas from the beginning to the end.

WHAT WILL BE STUDIED?

usually, fine art students specialize in one or several media such as painting, sculpture, photography, film, animation, illustration, printmaking, or ceramics. In addition, it's possible to find entire degree courses specializing in each of the media mentioned above – and many more besides. Art combines well with almost any subject. The discipline of independent study and thought is an extremely useful one to acquire. It is a subject that can give the student confidence and a real sense of achievement.

WHAT QUALIFICATIONS DO I NEED?

Although this course allows for a wide range of abilities, it is essential that students choosing this option have a keen interest and enthusiasm for art and design. Because of the quantity of work required for the portfolio (Unit 1), it is essential that a significant amount of work is produced outside of the classroom.

A minimum level of 5-6 in Year 9 is required to take this course at GCSE

HOW WILL I BE ASSESSED?

The course has two components - a portfolio of work and an externally set task (examination). The coursework component is a portfolio selected from work undertaken during the course of study and must include more than one project. It accounts for 60% of the final mark. Areas of study include drawing and painting from direct observation, imaginative, and expressive work. The externally set task takes place at the end of the course. Students have three months in which to prepare and fill a sketchbook with their response to a chosen title and then have 10/12 hours under exam conditions to complete a final piece. This accounts for 40% of their final grade.

Both components are examined by the school and assessed by an external moderator. We expect students to spend some of their study time in the art department in addition to their timetabled classes. Homework is essential. Much of the sketchbook work will be done at home. The four Assessment Objectives are equally weighted:

- AO1: Develop ideas through investigations, demonstrating a critical understanding of sources.
- AO2: Refine work by exploring ideas, selecting and experimenting with appropriate media, materials, techniques and processes.
- AO3: Record ideas, observations and insights relevant to intentions as work progresses.
- AO4: Present a personal and meaningful response that realizes intentions and demonstrates understanding of visual language.

FUTURE PROSPECTS

Students achieving a good grade at GCSE can continue their studies at A-level, which can lead to study at a Foundation Course in Art or and/or a degree in various areas of Art and Design, for example Architecture, Interior Design, Product Design, Fashion, Photography, Graphic Design and Fine Art etc.

FURTHER INFORMATION

If you need any further information about GCSE Art & Design, please contact the Head of Art Department, Ms Shazia Rehman – Shazia.r1_wsd@gemsedu.com

<https://qualifications.pearson.com/en/qualifications/dexcel-gcses/art-and-design-2016.html>



GCSE Accounting



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GEMS Winchester School
DUBAI

WHO SHOULD DO THIS COURSE?

GCSE Accounting is a great building block to A-Levels but also an interesting subject in its own right. You will study both basic bookkeeping and the accounting environment. You will also gain an appreciation of accounting concepts as well as understanding how the accountant works within the business environment.

WHAT WILL BE STUDIED?

The Pearson Edexcel International GCSE in Accounting comprises five topics:

- Topic 1: The accounting environment
- Topic 2: Introduction to bookkeeping
- Topic 3: Introduction to control processes
- Topic 4: The preparation of financial statements
- Topic 5: Accounting for end of period adjustments

WHAT QUALIFICATIONS DO I NEED?

You might be surprised to learn that you often don't need any prior qualifications or specific grades to get started in accountancy. The only thing you need to be reminded of is that it is not an easy course. Anyone can excel at it provided they practice their accounting skills regularly.

HOW WILL I BE ASSESSED?

- Paper 1 will draw exclusively from topics 1-3
- Paper 2, which is more holistic in nature, building on the knowledge, understanding and skills covered in topics 1-3 in addition to the content specified in topics 4 and 5

The Pearson Edexcel International GCSE in Accounting is a linear qualification. All units must be taken in the terminal series at the end of the course of study.



FUTURE PROSPECTS

The course provides opportunities to gain skills that will support progression to further study of Accounting and to enhance future educational prospects. Accounting qualifications can be particularly valuable for students wishing to progress into accountancy or financial careers; accountant graduates tend to have excellent employment prospects, allowing many students to work in a range of global sectors and industries.

FURTHER INFORMATION

If you need any further information about Accounting, please contact the Head of Commerce Department, Ms. Remya Murlidharan: Remya.m_wsd@gemsedu.com

<https://qualifications.pearson.com/content/dam/pdf/International%20GCSE/Accounting/2017/Specification-and-sample-assessments/ig-accountancy-spec.pdf>



GCSE *Business Studies*



مدرسة جيمس ونشستر
GEMS Winchester School
DUBAI

WHO SHOULD DO THIS COURSE?

Whether you are planning to enter fashion or finance, or something in-between, this course develops the understanding of the economic and a socio-economic world that surrounds each of us. Globalization is the new normal, and apps can bring you hundreds of opportunities at the touch of your fingertips.

If you are someone who is curious about buying and selling, about brands, about innovation, about finding solutions, then this course is for you!

On this course, you will develop your critical-thinking, leadership, interpersonal communication skills, and motor skills while learning about various aspects of business.

WHAT WILL BE STUDIED?

Business Studies is a subject that aims to give you the ability to analyse activities behind the closed door of a business. The six areas of business are Business in the real world, Influences on business, Marketing, Human resources, Business operations, and Finance.

WHAT QUALIFICATIONS DO I NEED?

Problem-solving skills, organization skills, basic numeracy skills, communication, team-work, independent learning and research skills and literacy will help you excel in this subject.

HOW WILL I BE ASSESSED?

The course is assessed by two written examinations. Each exam is worth 50% of the GCSE.

Assessment within the exam will comprise of multiple-choice questions and a number of shorter and longer data response questions. The topics assessed include:

- Business in the real world
- Influences on business
- Business operations
- Human resources
- Finance
- Marketing

FUTURE PROSPECTS

The syllabus provides both a foundation for further study at A-Level and an ideal preparation for the world of work.



FURTHER INFORMATION

If you need any further information about Business Studies, please contact the Head of Commerce Department, Ms. Remya Murlidharan:
Remya.m_wsd@gemsedu.com

<https://filestore.aqa.org.uk/resources/business/specifications/AQA-8132-SP-2017.PDF>



iGCSE

Computer science



مدرسة جيمس ونشستر
GEMS Winchester School
DUBAI

WHO SHOULD DO THIS COURSE?

If you are excellent at problem-solving, as well as analysing and evaluating information then this is a course you should consider. If you love to code and develop new software then this is the right course for you!

WHAT WILL BE STUDIED?

Computer Science involves the study of computers and programming languages. Majoring in this field will help you develop great technical skills and give you a new perspective on problem-solving. The syllabus is categorised into two parts: Theory and Practical/Coding.

Theory – 60% of Syllabus

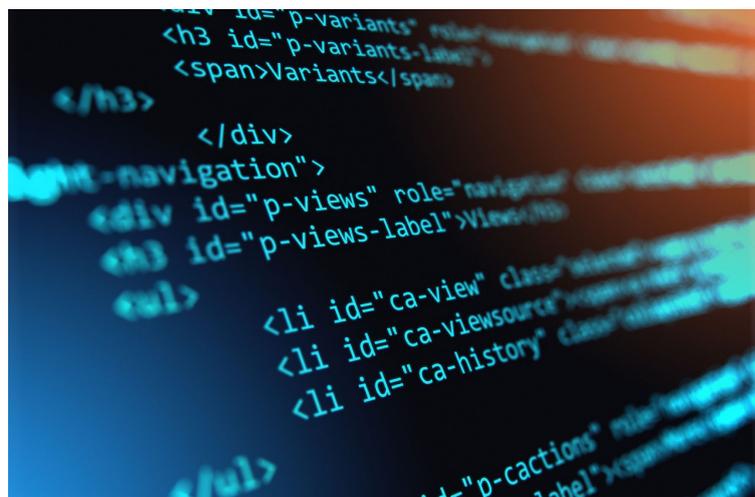
- Data representation; binary systems; hexadecimal; data storage
- Communication and internet technologies; data transmission; security aspects; internet principles of operation
- Hardware and software; logic gates; computer architecture and the fetch-execute cycle; input devices; output devices; memory, storage devices and media; operating systems; high and low-level languages and their translators
- Security
- Ethics

Practical – 40% of Syllabus

- Algorithm design and problem-solving; Problem-solving and design; Pseudocode and flowcharts
- Programming; Programming concepts; Data structures; arrays
- Databases

WHAT QUALIFICATIONS DO I NEED?

There are no specific requirements needed to study iGCSE Computer Science, although we do recommend that students have achieved a current working level of 6 in Maths and ICT at Key Stage 3.



HOW WILL I BE ASSESSED?

Paper 1 Theory (Written paper)

This is a compulsory question paper, consisting of short-answer and structured questions set on a section one of the subject content. All questions are compulsory.

Paper 2 Problem-solving and Programming

Pre-release material is available to centres before the examination. It is also reproduced in the question paper.

FUTURE PROSPECTS

The IT sector worldwide has plenty of jobs for Computer Science graduates. Candidates with good subject knowledge will receive great job offers from multinational IT companies. Some of the major roles can include data analyst, software developer, software engineer and many more.

FURTHER INFORMATION

If you need any further information about iGCSE Computer Science, please contact Ms Nidhi Gupta, Head of ICT, via email at nidhi.g_wsd@gemsedu.com.

<https://www.cambridgeinternational.org/programme-s-and-qualifications/cambridge-igcse-computer-science-0478/>



GCSE Drama



WHO SHOULD DO THIS COURSE?

Students who are performers at heart and love the theatre should join this course. There will be chances for you to work collaboratively and independently on set texts.

WHAT WILL BE STUDIED?

Component 1 – Devising a Play and Portfolio

Component 2 – Monologue and Duologue

Component 3 – Live Theatre Evaluation

WHAT QUALIFICATIONS DO I NEED?

The most important factor in choosing GCSE Drama is passion for the subject and confidence to get on stage and act. Strong ability in spoken English is important; creativity, collaboration skills and analytical skills are all helpful elements to bring to this class. The most important qualification is enthusiasm for Drama and acting.

HOW WILL I BE ASSESSED?

You will be assessed on your performances:

1. Devised performance and Portfolio (40%)
2. Monologue and Duologue (20%)
3. Examination (40%)



FUTURE PROSPECTS

Actor, Broadcast presenter, Community arts worker, Dramatherapist, Runner, broadcasting/film/video. Theatre director, Theatre stage manager, Arts administrator, Choreographer, Further education teacher, Media researcher, Music producer, Secondary school teacher, Special effects technician, Talent agent, Television floor manager, Theatre manager

FURTHER INFORMATION

If you need any further information about Drama, please contact the [Drama] Head of Department, Mr. Brian Azarraga: brian.a1_wsd@gemsedu.com.

Component	Overview	Assessment
Component 1 Devising 40%	Students devise a piece of theatre which they then perform. They will record the process in a portfolio.	Internally assessed Externally moderated
Component 2 Performance from text 20%	Performance of two extracts from one text.	Externally assessed by a visiting examiner
Component 3 Theatre Makers in Practice 40% exam	Practical exploration of one set text from eight to answer questions on staging the play. Evaluation of a piece of live theatre they have seen.	Exam: 1 Hour 30 min. Sec A: Questions on a set text Sec B: Live Theatre Evaluation



WHO SHOULD DO THIS COURSE?

This course will appeal to students who have an interest in current affairs and have an enquiring mind.

On this course, you will develop an understanding of economic concepts and learn to apply these concepts to real-life situations. You will also develop analytical and quantitative skills, together with qualities and attitudes that will equip them for the challenges, opportunities and responsibilities of adult and working life.

WHAT WILL BE STUDIED?

The Pearson Edexcel International GCSE in Economics comprises four topics:

- Topic 1: The market system
- Topic 2: Business Economics
- Topic 3: Government and the economy
- Topic 4: The Global economy

WHAT QUALIFICATIONS DO I NEED?

You do not need any prior qualification or specific grades to enroll in the subject.

HOW WILL I BE ASSESSED?

The Pearson Edexcel International GCSE in Economics is a linear qualification. All units must be taken in the terminal series at the end of the course of study.

Paper 1: Microeconomics and Business Economics - 80 marks- 1 hour 30 mins.

Paper 2: Macroeconomics and the Global Economy – 80 marks- 1 hour 30 mins.



FUTURE PROSPECTS

The course provides opportunities to gain skills that will support progression to further study of Economics, and to enhance future educational prospects. Businesses and organizations across many industries use economic analysis and quantitative methods to analyse and forecast business, sales, and other economic trends.

FURTHER INFORMATION

If you need any further information about Economics, please contact the Head of Commerce Department, Ms. Remya Murlidharan: Remya.m_wsd@gemsedu.com

<https://qualifications.pearson.com/content/dam/pdf/International%20GCSE/Economics/2017/Specification%20and%20SAMS/international-gcse-spec-9781446942789.pdf>

iGCSE French



مدرسة جيمس ونشستر
GEMS Winchester School
DUBAI

WHO SHOULD DO THIS COURSE?

If you like languages and you would love to learn not only the French language but also French Culture this subject is made for you. In this course, you will learn to write, to speak and to understand spoken French.

WHAT WILL BE STUDIED?

For IGCSE courses, you will recall some of Key-stage 3 topics as well as learn new topics. You will develop your speaking skills and also listening ones. Moreover, you will learn more about French people and French customs.

WHAT QUALIFICATIONS DO I NEED?

For IGCSE you will need at least a Level 6 or 7 from Year 9 but, moreover, you need to be committed and keen to learn this fantastic language.

HOW WILL I BE ASSESSED?

The IGCSE is modular, with each component a percentage of the final award. You will have 2 components: writing and comprehension is one and listening is the other one.



FUTURE PROSPECTS

French is highly regarded as a subject for entry to prestigious universities; students with French in their CVs have greater chances to join and they are welcomed more than any other student.

FURTHER INFORMATION

If you need any further information about French, please contact the Head of Department, Ms. Ouassila : Ouassila.b_wsd@gemsedu.com





iGCSE *Geography*

WHO SHOULD DO THIS COURSE?

Geography will help you to become a conscientious global citizen. As well as setting you up for a successful career in a range of fields, Geography encourages you to work independently and gain the skills necessary to further your knowledge and understanding of the world and how people interact with it.

If you are passionate about our planet and how we can make a difference to both people and the environment, Geography is the subject for you!

WHAT WILL BE STUDIED?

By studying iGCSE Geography, you will cover 3 main themes:

1. Population and Settlement

Population dynamics, Migration, Population Structure, Settlements and Service Provision, Urbanisation

2. Natural Environments

Earthquakes and volcanoes, Rivers, Coasts, Weather, Climate and Vegetation, Ecosystems

3. Economic Development

Development, Food production, Industry, Tourism, Energy, Water, Environmental risks of development

Further to this, you will also learn geographical skills (map reading, graph interpretation, photo analysis) and how to carry out investigations into geographical problems and issues.

WHAT QUALIFICATIONS DO I NEED?

There are no specific requirements needed to study iGCSE Geography.



HOW WILL I BE ASSESSED?

You will be assessed through three examinations:

Paper 1 – Geographical Themes

Worth 45% of the qualification, this 75 mark exam tests your knowledge and understanding of the key themes learnt during the course.

Paper 2 – Geographical Skills

Worth 27.5% of the qualification, this 60 mark exam tests your ability to apply geographical skills (graph and map reading, photo analysis) to a range of short answer questions.

Paper 3 – Alternative to Coursework

Worth 27.5% of the qualification, this 60 mark exam tests your knowledge and understanding of how to conduct a geographical investigation.

FUTURE PROSPECTS

Students who have studied Geography have gone on to work in the following sectors: law, science, sales, business, environment, information technology, management, finance, banking, marketing, research, manufacturing, teaching, childcare, engineering and building, arts, design and media, town planning, working abroad and many (many) more...

FURTHER INFORMATION

If you need any further information about iGCSE Geography, please contact Mr. Julius Soquena (Head of Humanities) via email on julius.s2_wsd@gemsedu.com.

<https://www.cambridgeinternational.org/programmes-and-qualifications/cambridge-igcse-geography-0460/>



iGCSE Global Perspectives



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GEMS Winchester School
DUBAI

WHO SHOULD DO THIS COURSE?

This course is for young people who want to gain a sense of their own active place in the world and cope with changes that will impact their life-chances and life-choices.

If you choose this course, you will acquire and apply a range of skills to face challenges in an information-heavy world such as researching, analysing and evaluating information, and developing and justifying a line of reasoning.

WHAT WILL BE STUDIED?

Cambridge iGCSE Global Perspectives emphasises the development and application of skills rather than the acquisition of knowledge. You will be learning to:

Research: Design and carry out research into current global issues, demonstrating analysis and evaluation of different perspectives and arguments.

Plan and create Projects: Contribute to the shared purpose and outcome of the Team Project.

Reflect: Consider how research, engagement with different perspectives and working as part of a team, have influenced your personal learning.

WHAT QUALIFICATIONS DO I NEED?

There are no specific requirements needed to study iGCSE Global Perspectives.

HOW WILL I BE ASSESSED?

Students will be assessed in two components:

Component 1 – Written Examination

Answer four compulsory questions based on source material.

Component 2 – Individual Report

Write an Individual Report on one global topic from a choice of eight. The report must be between 1500 and 2000 words.

FUTURE PROSPECTS

Since the primary aim is to ensure learners have the twenty-first-century skills to communicate and collaborate in today's society, and are not specific to any discipline, this course must be included as one of the subjects complementing learning in other chosen subjects and career pathways.

FURTHER INFORMATION

If you need any further information about iGCSE Global Perspectives, please contact Mr Julius Soquena (Head of Humanities) via email at julius.s2_wsd@gemsedu.com.

<https://www.cambridgeinternational.org/Images/555760-2022-2024-syllabus.pdf>



WHO SHOULD DO THIS COURSE?

iGCSE History is for learners who are keen to raise questions and develop historical skills, knowledge and understanding in order to provide historical explanations, and passionate to explore history from a diversity of perspectives.

On this course, you will develop an interest in: learning about and understanding the past; explore historical concepts; appreciate historical evidence and how to use it; gain a greater understanding of international history; learn how to present and construct clear and logical arguments.

WHAT WILL BE STUDIED?

You will be studying The Twentieth Century: international relations since 1919, focusing on historical questions such as:

- Were the peace treaties of 1919–23 fair?
- To what extent was the League of Nations a success?
- Who was to blame for the Cold War?
- Why did events in the Gulf matter, c.1970–2000?

And a choice from one of the following Depth Studies:

- The First World War, 1914–18
- Germany, 1918–45
- Russia, 1905–41
- The United States, 1919–41
- China, c.1930–c.1990
- South Africa, c.1940–c.1994

WHAT QUALIFICATIONS DO I NEED?

There are no specific requirements needed to study iGCSE History.

HOW WILL I BE ASSESSED?

You will take three exams; Paper 1, Paper 2, and Paper 4:

Paper 1- Written paper 40% (60 marks)

You will answer two questions from Section A (Core Content) and one question from Section B (Depth Studies).

Paper 2- Written paper 33% (50 marks)

You will answer six questions on one prescribed topic taken from the Core Content. There is a range of source material relating to each prescribed topic.

Paper 4- Written paper– 27% (40 marks)

You will answer one question on a Depth Study.



FUTURE PROSPECTS

There are a variety of career options in the fields of history that you may be interested in pursuing. Your in-depth understanding and interests will likely help you in the following careers: Archivist, Curator, Museum Worker, Professor in History and international relations, Lawyer, Reporter, Correspondent, and Broadcast News Analyst and Diplomat.

FURTHER INFORMATION

If you need any further information about iGCSE History, please contact Mr Julius Soquena (Head of Humanities) via email at julius.s2_wsd@gemsedu.com.

<https://www.cambridgeinternational.org/Images/414141-2020-2022-syllabus.pdf>



iGCSE

Information & Communication Technology

WHO SHOULD DO THIS COURSE?

Information Communication Technology prepares you for utilising ICT systems in the real world. Students should consider choosing iGCSE ICT if they are keen to develop their existing ICT skills and to learn a range of new and exciting applications.

WHAT WILL BE STUDIED?

Students will be covering the following topics in detail:

- Types and components of computer systems
- Input and output devices
- Storage devices and media
- Networks and the effects of using them
- The effects of using IT
- ICT applications
- The systems life cycle
- Safety and security
- Audience
- Communication
- File management
- Image
- Layout
- Styles
- Proofing
- Graphs and charts
- Document production
- Data manipulation
- Presentations
- Data analysis
- Website authoring

WHAT QUALIFICATIONS DO I NEED?

There are no specific requirements needed to study iGCSE ICT.



HOW WILL I BE ASSESSED?

All candidates take three papers:

Paper 1: Theory (40%)

Paper 2: Document Production, Data Manipulation and Presentations (30%)

Paper 3: Data Analysis and Website Authoring (30%)

FUTURE PROSPECTS

ICT helps open the doors to a rewarding profession that emphasises multiple skill sets, and allows students to pursue various options in traditional IT, traditional communications, or in new combined careers. Information technology is an incredibly diverse industry. That means you're highly likely to be able to take your IT career in any number of directions.

FURTHER INFORMATION

If you need any further information about iGCSE ICT, please contact Ms Nidhi Gupta (Head of ICT) via email on nidhi.g_wsd@gemsedu.com.

<https://www.cambridgeinternational.org/programmes-and-qualifications/cambridge-igcse-computer-science-0478/>



GCSE Media Studies



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DUBAI

WHO SHOULD DO THIS COURSE?

If you would like to develop your creative, analytical, research, and communication skills by exploring a range of media forms and perspectives, then this course is for you!

In this course, you'll cover all aspects of media including language, representations, industries and audiences, giving you both an overall and in-depth understanding of how media represents the world. Our new topics offer a broad overview of the subject as well as a more detailed study of relevant and contemporary content.

WHAT WILL BE STUDIED?

As a GCSE Media Studies student, you will be engaged in the in-depth study of media products in relation to the four areas of the theoretical framework: media language, media representation, media industries, and media audiences.

You will be required to study media products from all of the following media forms such as television, film, radio, newspapers, magazines, advertising and marketing, online, social and participatory media, video games, and music videos.

WHAT QUALIFICATIONS DO I NEED?

GCSE Media Studies requires good English skills and transferable skills including analysis, visual communication, problem-solving, as well as communication, presentation and organizational skills.

HOW WILL I BE ASSESSED?

There will be two written exams (Media One and Media Two) and a non-exam assessment (NEA/coursework). Both of them will measure your ability to demonstrate knowledge and understanding of the theoretical framework of media, contexts of media and their influence on media products and processes; analyse media products using the theoretical framework of media, including in relation to their contexts, to make judgements and draw conclusions; create media products for an intended audience by applying knowledge and understanding of the theoretical framework of media to communicate meaning.

FUTURE PROSPECTS

GCSE Media Studies students can go onto study Media, TV or Film at University as a practical degree, a theoretical degree or a combination of the two. This can lead to a very broad range of professions in media, film and journalism such as media researcher, broadcast journalist, media writer/critic/analyst, film/tv/radio producer, picture research/editor, market researcher, etc.

FURTHER INFORMATION

If you need any further information about Media Studies, please contact the Head of Media Studies Department, Mr. Aries Jacob Descalso: aries.d1_wsd@gemsedu.com.

<https://www.aqa.org.uk/subjects/media-studies/gcse/media-studies-8572>



iGCSE Physical Education



WHO SHOULD DO THIS COURSE?

If you are a keen sports person with an interest in the principles, practices, and training required to improve performance and health then this course is for you! Physical education helps students to develop the skills, knowledge, and competencies to live healthy and physically active lives.

WHAT WILL BE STUDIED?

The syllabus provides candidates 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 candidates to develop an understanding of effective and safe physical performance.

Candidates will study all of the following topics:

1. Anatomy and physiology
2. Health, fitness, and training
3. Skill acquisition and psychology
4. Social, cultural, and ethical influences

Candidates will also undertake four different physical activities. These physical activities make a significant contribution to syllabus aims and objectives and form part of the assessment process.

WHAT QUALIFICATIONS DO I NEED?

We do not expect learners starting this course to have previously studied physical education, although a good general sporting ability is necessary.

HOW WILL I BE ASSESSED?

Candidates will be eligible for grades A* to G. All candidates take two components:

Component 1 is an externally assessed theory exam paper making up 50% of the final grade.

Component 2 is an externally verified but internally assessed performance in each of the four chosen Physical Activities. This makes up 50% of the final grade.



FUTURE PROSPECTS

Physical education lends itself to a range of careers in sports and fitness as well as other industries such as nutritionists, physical therapists, and chiropractors.

- Sports science
- PE teacher
- Physiotherapist
- Professional sports person
- Sports coach/consultant
- Personal trainer

FURTHER INFORMATION

If you need any further information about Physical education, please contact the PE Head of Department, Mr. Ravindra Yadav: ravindra.y_wsd@gemsedu.com.

<https://www.cambridgeinternational.org/programmes-and-qualifications/cambridge-igcse-physical-education-0413/>



iGCSE Sociology



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GEMS Winchester School
DUBAI

WHO SHOULD DO THIS COURSE?

iGCSE Sociology is for students seeking an understanding of how we become who we are and are passionate about human behaviour within their own society and between different cultures.

On this course, you will develop a stronger appreciation of social science investigations, the ability to use sociological evidence, and ideas to challenge your own beliefs and the beliefs of other people about social issues.

WHAT WILL BE STUDIED?

You will be studying sociological theories and methods and social issues related to equality, education, the family and crime. The course will help you gain a better explanation of interesting sociological questions such as:

- How do different sociologists interpret society?
- How do we learn to be human?
- What are the main features of social inequality and how are these created?
- How do changes in society affect the family?
- What is the function of education?
- What are the explanations of crime?
- Who controls the media?

WHAT QUALIFICATIONS DO I NEED?

There are no specific requirements needed to study iGCSE Sociology.

HOW WILL I BE ASSESSED?

Students will be assessed in 2 examinations

Paper 1 – Written Examination

You will answer one compulsory data response question and one optional structured question from a choice of two (80 marks, 54% of the qualification).

Paper 2 – Written Examination

You will answer two optional structured questions from a choice of four (70 marks, 46% of the qualification).

FUTURE PROSPECTS

Sociology majors are taught to identify problems that exist in the world around them. They apply problem-solving skills to these social dilemmas and exercise their creative abilities to find remedies. They are mostly interested in these relevant jobs: Guidance Counselor, Human Resources, Lawyers, Management consultant, Market research analysts, Media planner, Policy analyst, Public Relations specialists and Social worker.

FURTHER INFORMATION

If you need any further information about iGCSE Sociology, please contact Mr Julius Soquena (Head of Humanities) via email at julius.s2_wsd@gemsedu.com.

<https://www.cambridgeinternational.org/Images/555760-2022-2024-syllabus.pdf>



iGCSE

Travel & Tourism



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GEMS Winchester School
DUBAI

WHO SHOULD DO THIS COURSE?

Travel & Tourism is for young people who want to be skilled and knowledgeable in this rapidly diversifying industry. On this course, you will gain an understanding of the concepts, models and theories used within the industry and, also, enhance your skills of investigation, analysis, interpretation and evaluation.

WHAT WILL BE STUDIED?

Students gain an overview of the industry and learn about popular destinations, customer care, working procedures, travel and tourism products and services, and marketing and promotion.

WHAT QUALIFICATIONS DO I NEED?

There are no specific requirements needed to study iGCSE Travel & Tourism.

HOW WILL I BE ASSESSED?

Students will be sitting in written examination with 2 papers:

Paper 1

This question paper has four scenario-based questions which require candidates to provide short answers. The scenarios are set in the international travel and tourism environment, although some provision is made for candidates to refer to local examples.

Paper 2

This question paper has four scenario-based questions, which require candidates to provide short answers. It is based primarily on the understanding of the principles of marketing and promotion, and of the ways in which marketing and promotion are used within the travel and tourism industry.



FUTURE PROSPECTS

Travel & Tourism is a global industry and there are a wide range of opportunities available to students. There are jobs directly related to tourism degrees such as Air cabin crew, Holiday representative, Hotel manager, Tourist information-centre manager, and jobs that are indirectly related such as Conference-centre manager, Customer service manager, Event manager, and Marketing executive.

FURTHER INFORMATION

If you need any further information about iGCSE Travel & Tourism, please contact Mr Julius Soquena (Head of Humanities) via email at julius.s2_wsd@gemsedu.com.

<https://www.cambridgeinternational.org/Images/414148-2020-2022-syllabus.pdf>





KS5

SUBJECTS



مدرسة جيمس ونشستر
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DUBAI



A-LEVEL

SUBJECTS





GCE A-level Biology

WHO SHOULD DO THIS COURSE?

Biology is the science behind life and all living things. If you've always wondered about natural science, plants and lifeforms, you should consider taking an A-Level in Biology.

The emphasis throughout is on the understanding of concepts and the application of Biological ideas in novel contexts, as well as on the acquisition of knowledge. The course encourages creative thinking and problem-solving skills which are transferable to any future career path.

AS and A-Level Biology is ideal for learners who want to study Biology or a wide variety of biological sciences at university, or to follow a career in Science.

WHAT WILL BE STUDIED?

These qualifications are modular. The full International A-level is intended to be taken over two years. The International AS can be taken as a stand-alone qualification or can be used to count towards the International A-level.

The International AS content will be 50% of the International A-level content, but International AS assessments will contribute 40% of the total marks for the full International A-level qualification with the remaining 60% coming from the International A2 assessments.

International AS and A-level

Module 1: The diversity of living organisms
Module 2: Biological systems and disease

International A level only

Module 3: Populations and genes
Module 4: Control

WHAT QUALIFICATIONS DO I NEED?

You will need a minimum of GCSE grade C (Level 5) or above in Biology. You are also required to have a grade C or above in the higher tier Mathematics GCSE as up to 10% of the marks awarded in this course will be related to mathematical principles.



HOW WILL I BE ASSESSED?

These qualifications are modular. The full International A-level is intended to be taken over two years. Each module will be assessed with a written exam that is worth 75 marks and lasts 1hr 30 minutes.

FUTURE PROSPECTS

Studying for an A-Level in Biology can help set you up for a range of careers in Science and Research. If you enjoy studying Biology at A-Level and want to pursue a career in the subject, then you might want to consider looking into research fields. Typical jobs that require GCE Biology includes Medicine and Healthcare, Agriculture, as well as Sports and Fitness.

FURTHER INFORMATION

If you need any further information about A-Level Biology, please contact Ms Jeny Abraham (Head of Science) via email at jeny.a_wsd@gemsedu.com.

<https://www.oxfordqaexams.org.uk/subjects/science/international-a-level-biology-9610>



International AS & A-Level Business



مدرسة جيمس ونشستر
GEMS Winchester School
DUBAI

WHO SHOULD DO THIS COURSE?

Our content is designed to engage students through topics and issues that are relevant in today's society.

Students will study key contemporary developments, such as digital technology and business ethics, and globalisation. Wherever possible, we use real-life case studies to make it easier for students to relate to and apply the knowledge and skills developed throughout the course.

Offering clear progression from International GCSE, these courses allow students to build on the skills and knowledge already gained and prepare them for their next steps.

WHAT WILL BE STUDIED?

Units	AS Level	A Level
1. Business & Markets	50%	20%
2. Managing operations, human resources & finance	50%	20%
3. Business Strategy	-	30%
4. Business decision making	-	30%

WHAT QUALIFICATIONS DO I NEED?

Students wishing to take A-level Business will need five GCSE A* – C (9-4).

HOW WILL I BE ASSESSED?

Unit 1 & 2 Written exam: 1 hour 30 minutes

Unit 3 & 4: Written exam: 1 hour 45 minutes



FUTURE PROSPECTS

A-level Business Studies opens up many options for students at university, and there are many courses available with permutations of Business/Management /Administration/Accounting and Finance.

Business and Management graduates typically progress to careers in areas such as business development, marketing, recruitment and banking, although plenty of other options are available.

FURTHER INFORMATION

If you need any further information about Business, please contact the Head of Commerce Department, Ms. Remya Murlidharan: Remya.m_wsd@gemsedu.com

<https://www.oxfordqaexams.org.uk/subjects/business/international-a-level-business-9625>



GCE A-level Chemistry



مدرسة جيمس ونشستر
GEMS Winchester School
DUBAI

WHO SHOULD DO THIS COURSE?

Chemistry is sometimes known as the 'central science' because it helps to connect physical sciences, like Maths and Physics, with applied sciences, like Biology, Medicine and Engineering.

Chemistry helps you to develop research, problem-solving and analytical skills. It helps to you challenge ideas and show how you worked things out through logic and step-by-step reasoning.

WHAT WILL BE STUDIED?

These qualifications are modular. The full International A-level is intended to be taken over two years. The International AS can be taken as a stand-alone qualification or can be used to count towards the International A-level.

The International AS content will be 50% of the International A-level content, but International AS assessments will contribute 40% of the total marks for the full International A-level qualification with the remaining 60% coming from the International A2 assessments.

International AS and A-level

Inorganic Chemistry 1
Physical Chemistry 1
Organic Chemistry 1

International A level Only

Inorganic Chemistry 2
Physical Chemistry 2
Organic Chemistry 2
Practical and Synoptic paper

WHAT QUALIFICATIONS DO I NEED?

You will need a minimum of GCSE grade C (Level 5) or above in chemistry. You are also required to have a grade C or above in the higher tier Mathematics GCSE as up to 10% of the marks awarded in this course will be related to mathematical principles.

HOW WILL I BE ASSESSED?

These qualifications are modular. The full International A-level is intended to be taken over two years. Each module will be assessed with a written exam that is worth 75 marks and lasts 1hr 30minutes. The exception to this is Module 4, which is a written exam worth 60 marks and lasts 1hr 25mins.



FUTURE PROSPECTS

Studying A-Level Chemistry can help set you up for a range of careers in Science and Research. Chemistry is an important subject for careers in Medicine, Environmental Science, Engineering, Toxicology, developing consumer products, Metallurgy (studying how metals behave), space exploration, developing perfumes and cosmetics, pharmaceuticals, energy, teaching, science writing, software development and research.

FURTHER INFORMATION

If you need any further information about A-Level Biology, please contact Ms Jeny Abraham (Head of Science) via email at jeny.a_wsd@gemsedu.com.

<https://cf.oxfordqaexams.org.uk/oaqaresources/specifications/oxfordqa-international-as-and-a-level-chemistry-specification.pdf>



AQA A-level Computer Science



مدرسة جيمس ونشستر
GEMS Winchester School
DUBAI

WHO SHOULD DO THIS COURSE?

If you are someone who is excellent at problem-solving, as well as analysing and evaluating information, then this is a course you should consider. If you are good at logical reasoning and analysing and you love to code and developing new software, then this is the right course for you.

WHAT WILL BE STUDIED?

Computer Science involves the study of computers and programming languages. Majoring in this field will help you develop great technical skills and give you a new perspective on problem-solving. The syllabus is categorised into two parts; theory and a practical element.

Theory – 50% of Syllabus

The theory element covers:

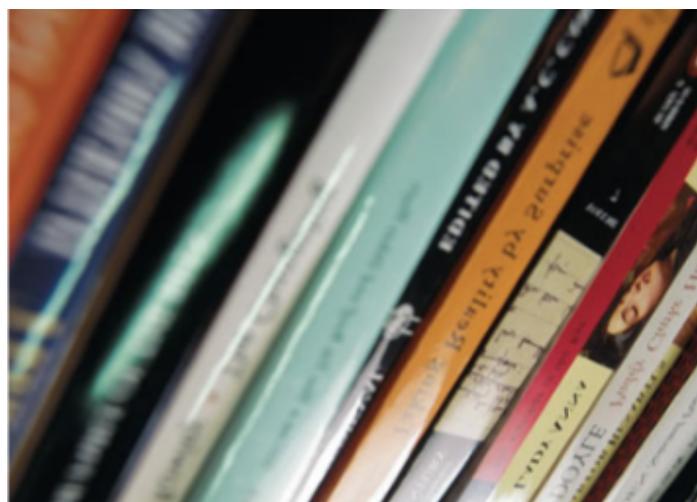
- Computer fundamentals
- Peripheral device working principals and basics of Number systems
- Logic Circuits designing and Digital literacy

Practical – 50% of Syllabus

In the practical element, students Programming basics and development is included in this section. The student will be learning one high-level language, the same knowledge will be included in their non-exam assessment project work which contains 20% of the marks of their A-Level.

WHAT QUALIFICATIONS DO I NEED?

Students wishing to take A-Level Computer Science should have will need five GCSE A* – C (9-4) grades including GCSE Maths and ideally, Computer Science (optional).



HOW WILL I BE ASSESSED?

The A-level course is modular with each component percentage of the final award.

FUTURE PROSPECTS

IT sector worldwide has plenty of jobs for Computer Science graduates. Candidates with good subject knowledge receive get attractive job offers from multinational IT companies. Some of the major roles can include data analyst, software developer, software engineer and many more.

FURTHER INFORMATION

If you need any further information about A-Level Computer Science, please contact Ms Nidhi Gupta (Head of ICT) via email at nidhi.g_wsd@gemsedu.com.

<https://www.aqa.org.uk/subjects/computer-science-and-it/as-and-a-level/computer-science-7516-7517/introduction>





International AS & A-Level Economics

WHO SHOULD DO THIS COURSE?

Our content is designed to engage students through topics and issues that are relevant in today's society.

Students will be able to enhance their interest and enthusiasm for, the subject as well as develop analytical and quantitative skills, together with qualities and attitudes that will equip them for the challenges, opportunities and responsibilities of adult and working life.

This course will enable students to use an enquiring, critical and thoughtful approach to the study of economics and develop an ability to think as an economist.

Wherever possible, we use real-life case studies to make it easier for students to relate to and apply their knowledge and skills developed throughout the course.

WHAT WILL BE STUDIED?

Units	AS Level	A Level
1. Markets in Action	50%	25%
2. Macroeconomics performance & policy	50%	25%
3. Business behaviour	-	25%
4. Developments in the Global Economy	-	25%

WHAT QUALIFICATIONS DO I NEED?

Students wishing to take A-level Economics will need five GCSE A* – C (9-4).

HOW WILL I BE ASSESSED?

Unit 1 & 2 Written exam: 1 hour 45 minutes
Unit 3 & 4: Written exam: 2 hours

FUTURE PROSPECTS

International Advanced Level qualifications enable successful progression on to further study and the workplace. Businesses and organizations across many industries use economic analysis and quantitative methods to analyse and forecast business, sales, and other economic trends. Knowledge of economics opens avenues to career prospects in many areas such as Economist, Financial risk analyst, Data analyst, Financial planner, Accountant, Economic researcher, Financial consultant, Investment analyst etc.



FURTHER INFORMATION

If you need any further information about Economics, please contact the Commerce Head of Department, Ms. Remya Murlidharan: Remya.m_wsd@gemsedu.com

<https://qualifications.pearson.com/content/dam/pdf/International%20Advanced%20Level/Economics/2018/Specification-and-Sample-Assessment/International-A-Level-Economics-spec.pdf>



GCE A-level English Literature



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DUBAI

WHO SHOULD DO THIS COURSE?

If you like reading, and talking about the books you have read and the ideas they raise, then this course is for you. You will most likely have studied first language English at GCSE and possibly English Literature too.

On this course, you will develop your analytical skills, learn to support or debate an interpretation effectively, and consider some of the fundamental questions that literature asks us. You will also improve your essay-writing and presenting, skills which will be valuable to you whatever future path you take.

WHAT WILL BE STUDIED?

For the A-level course, you will study a selection of texts. These include:

POETRY (25% of AS-level / 10% of A-level)

- Selection of specified poetry from Oxford AQA A-level Poetry Anthology, e.g. Wordsworth, Hardy, Heaney or Frost

DRAMA

- An Elizabethan Tragedy such as Doctor Faustus by Christopher Marlowe OR Othello by Shakespeare (25% of AS-level / 10% of A-level)
- A later dramatic tragedy such as Death of A salesman by Arthur Miller or A Streetcar named Desire by Tennessee Williams (25% of AS-level / 10% of A-level)

PROSE (25% of AS-level / 10% of A-level)

- The Great Gatsby by F.Scott Fitzgerald or Heart of Darkness by Joseph Conrad A CRIME AND MYSTERY TEXT (30% of A-level)
- Dickens, Poe, Christie

LITERARY REPRESENTATIONS (30% of A-level)

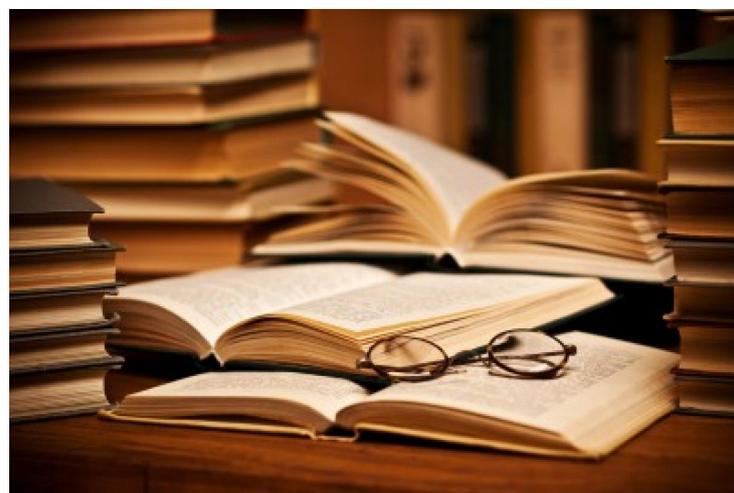
- A non-examined assessment related to representations of war, childhood, women/men or race and culture

WHAT QUALIFICATIONS DO I NEED?

Students wishing to take A-level Literature will need five GCSE A* – C (9-4) grades including GCSE First Language English or English Literature grades at B (6) or above.

HOW WILL I BE ASSESSED?

The A-level course is modular with each component a percentage of the final award.



FUTURE PROSPECTS

English Literature is one of the facilitating subjects and is highly regarded as academic by top universities of the Russell group Ivy League, as well as others around the world. It will equip you for a career in business as much as for a career in journalism, law or even medicine.

FURTHER INFORMATION

If you need any further information about English Literature, please contact the English Head of Department, Ms Ligi: ligi.c_wsd@gemsedu.com.

<https://www.oxfordaqaexams.org.uk/subjects/english/international-a-level-english-literature-9675>



GCE A-Level French



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GEMS Winchester School
DUBAI

WHO SHOULD DO THIS COURSE?

If you like languages and you would love to learn not only the French language but also about the French Culture, this subject is for you! On this course, you will learn to write, to speak and also to analyse listening audio.

WHAT WILL BE STUDIED?

In A-Level French, you develop your knowledge of French as well as your knowledge of French society; moreover, you develop knowledge of French-speaking countries and their strong link with France.

WHAT QUALIFICATIONS DO I NEED?

For A-levels, you need to grade at least a grade 7 from your IGCSE.

HOW WILL I BE ASSESSED?

The A-level course is modular, with each component representing a percentage of the final award.



FUTURE PROSPECTS

French is highly regarded by prestigious universities; students with French on their CVs have more chance to join and they are more welcomed than any other students.

FURTHER INFORMATION

If you need any further information about A-Level French, please contact the Head of Department, Ms Ouassila at Ouassila.b_wsd@gemsedu.com



GCE A-level Global Perspectives



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DUBAI

WHO SHOULD DO THIS COURSE?

This course is for young people who want to gain a sense of their own place in the world, as well as understanding the changes that will impact their life choices and chances.

By studying this course, you will acquire and apply a range of skills to face challenges in an information-heavy world. These include researching, analysing and evaluating information, as well as developing and justifying a line of reasoning.

WHAT WILL BE STUDIED?

Cambridge A Levels Global Perspectives and Research emphasises the development and application of skills rather than the acquisition of knowledge. You will be learning to:

Research: Use research to support judgements about arguments and perspectives and design and manage own research project using appropriate research methods and methodology.

Collaborate: Work effectively in a group to identify an appropriate local problem with global relevance and consider a range of possible solutions.

Reflect: Evaluate the impact of alternative perspectives and conclusions on personal standpoint.

WHAT QUALIFICATIONS DO I NEED?

Students wishing to take A-Level Global Perspectives will need at least a grade of C in iGCSE Global Perspective or an equivalent grade of B in English and/or any of the Humanities or Commerce subjects.

HOW WILL I BE ASSESSED?

Component 1

Written examination consisting of compulsory, structured questions based on sources provided within the examination paper. You will analyse and evaluate arguments, interrogate evidence and compare perspectives on global issues listed in the syllabus. This is worth 30 marks, which is 30% of the AS qualification or 15% of the full A-Level.

Component 2 Essay

You will explore different perspectives on issues of global significance arising from your studies during the course and write an essay based on their research. This is worth 35 marks, which is 35% of the AS qualification or 17.5% of the full A Level.

Component 3 Team Project

You will work in teams to identify a local problem which has global relevance. Individual team members research the issue and suggest solutions to the problem based on their research findings. Teams work together to agree on a set of proposed team solutions to the problem. While the focus of the task is on teamwork, each student within a team prepares two pieces of work for individual submission.

Presentation

Each candidate presents an eight-minute live presentation of their individual research and proposed solutions to the problem (25 marks).

Reflective Paper

Each candidate explains these team solutions in an individual 800-word reflective paper (10 marks).

In total this is worth 35 marks, which is 35% of the AS qualification or 17.5% of the full A Level.

Component 4 - Cambridge Research Report

You devise and develop a research question. This is answered in a report based on independent personal research. The research report must not exceed 5000 words. It is worth 75 marks and is worth 50% of the full A Level.

FUTURE PROSPECTS

Since this is skill based and not specific to any discipline, this course will compliment any chosen subject or career path.

FURTHER INFORMATION

If you need any further information about A-Level Global Perspectives, please contact Mr Julius Soquena (Head of Humanities) via email at julius.s2_wsd@gemsedu.com.
<https://www.cambridgeinternational.org/Images/557259-2022-syllabus.pdf>





GCE A-level Information & Communication Technology

WHO SHOULD DO THIS COURSE?

Information Communication Technology prepares you for utilising ICT systems in the real world. Students should consider choosing A-level ICT if they are keen to develop their existing ICT skills and to learn a range of new and exciting applications.

WHAT WILL BE STUDIED?

Students who take AS-Level ICT will be covering the following topics in detail:

1. Data, information, knowledge and processing
2. Hardware and software
3. Monitoring and control
4. e-Safety and health and safety
5. The digital divide
6. Using networks
7. Expert systems and other types of processing
8. Spreadsheets
9. Database and file concepts
10. Sound and video editing

Students who then go on to study for the full A-Level qualification will also study:

11. Emerging technologies
12. Role and impact of IT in society
13. Networks
14. Project management
15. System life cycle
16. Graphics creation
17. Animation
18. Mail merge
19. Programming for the web

WHAT QUALIFICATIONS DO I NEED?

Students wishing to take A-level ICT will need five iGCSE qualifications at A*-C (9-4) grades, including a B or higher in iGCSE ICT.

HOW WILL I BE ASSESSED?

At AS-Level, candidates take two exam papers (Paper 1 and Paper 2); to proceed to the full A Level, candidates must take a further two exam papers (Paper 3 and 4). All components are externally assessed.



FUTURE PROSPECTS

Information, Communication, and Technology program helps open the doors to a rewarding profession that emphasises multiple skill sets and allows the student to pursue various options in traditional IT, traditional communications, or in new combined careers. Information technology is an incredibly diverse industry. That means you're highly likely to be able to take your IT career in any number of directions.

FURTHER INFORMATION

If you need any further information about A-Level Computer Science, please contact Ms Nidhi Gupta (Head of ICT) via email on nidhi.g_wsd@gemsedu.com.

<https://www.cambridgeinternational.org/programmes-and-qualifications/cambridge-international-as-and-a-level-information-technology-9626/>



GCE A-level Mathematics



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WHO SHOULD DO THIS COURSE?

To be successful at A-Level Mathematics, students must have a love of the subject from a pure perspective. If you find beauty in the abstract logical precision of Mathematics, then it is the subject for you.

The syllabus is informed by consultation with subject specialists from the best UK universities - confirming that a Pure Maths emphasis at A-level provides the best platform for a Maths-related course at the undergraduate level.

WHAT WILL BE STUDIED?

Pure Maths (AS and A-level)

- Algebra
- Coordinate geometry
- Differentiation
- Integration
- Sequences and Series

Pure, Statistics and Mechanics (AS and A-level)

- Circles
- Trigonometry
- Exponential and logarithms
- Further Probability
- Discrete Random Variables
- Bernoulli and Binomial Distribution
- Motion in a straight line with constant and variable acceleration
- Forces and Newtons Law
- Momentum and Impulse

WHAT QUALIFICATIONS DO I NEED?

Students wishing to take A-level Mathematics will need five GCSE A* – C (9-4) including GCSE Maths at level 7 and above.

HOW WILL I BE ASSESSED?

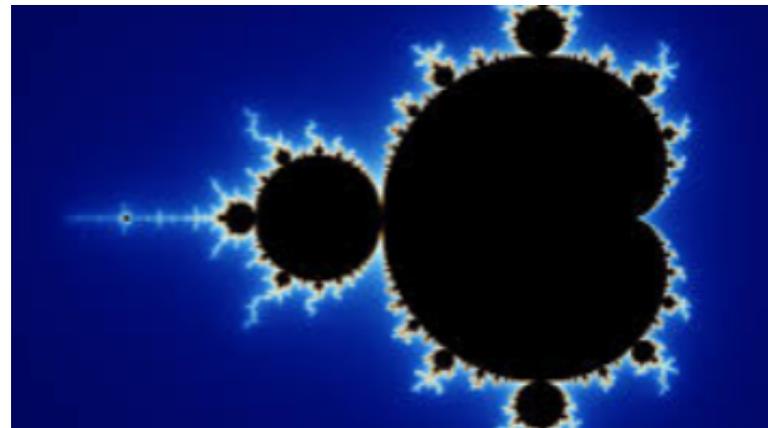
The A-level course is modular with each component a percentage of the final award.

Unit P1: Pure Maths (AS)

Unit PSM1: Pure Maths, Statistics and Mechanics (AS)

Unit P2: Pure Maths (A2)

Unit S2: Statistics OR Unit M2: Mechanics (A2)



FUTURE PROSPECTS

Universities value Maths and it is a pre-requisite for a huge number of degrees. People who study Maths have an excellent choice of careers, many of which involve very well-paid professions. The combination of a skills shortage and a growing need for maths skills means more and more employers are on the lookout for Maths graduates.

FURTHER INFORMATION

If you need any further information about Mathematics, please contact the Mathematics Head of Department, Mr. Chudhary: muhammad.c2_wsd@gemsedu.com
Or alternatively, visit:

<https://www.oxfordqaexams.org.uk/subjects/math/international-a-level-mathematics-9660>



GCE A-level Physics



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GEMS Winchester School
DUBAI

WHO SHOULD DO THIS COURSE?

A-Level Physics allows you to explore the phenomena of the universe and to look at theories that explain what is observed.

The emphasis throughout is on the understanding of concepts and the application of Physics ideas in novel contexts as well as on the acquisition of knowledge. The course encourages creative thinking and problem-solving skills which are transferable to any future career path. Physics is more than a subject – it trains your brain to think beyond boundaries.

WHAT WILL BE STUDIED?

These qualifications are modular. The full International A-level is intended to be taken over two years. The International AS can be taken as a stand-alone qualification or can be used to count towards the International A-level.

The International AS content will be 50% of the International A-level content, but International AS assessments will contribute 40% of the total marks for the full International A-level qualification, with the remaining 60% coming from the International A2 assessments.

International AS and A-level

Module 1: Mechanics material and atoms
Module 2: Electricity waves and particles

International A level Only

Module 3: Fields and their consequences
Module 4: Energy and energy resources
Module 5: Physics in practice

WHAT QUALIFICATIONS DO I NEED?

You will need a minimum of GCSE grade 7 or above in Physics. You are also required to have a grade 7 or above in the higher tier Mathematics GCSE as up to 10% of the marks awarded in this course will be related to mathematical principles.

HOW WILL I BE ASSESSED?

These qualifications are modular. The full International A-level is intended to be taken over two years. Each module will be assessed with a written exam that is worth 80 marks and lasts 2hrs.

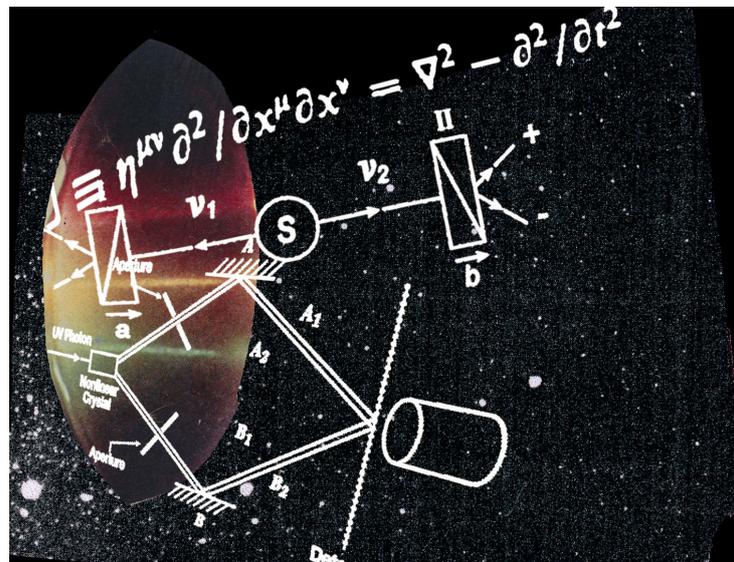
FUTURE PROSPECTS

A Level Physics can lead to the study of a Physics degree, which is a great starting point for a career in scientific research, as well as in a range of careers in the business, finance, IT and the engineering sector.

FURTHER INFORMATION

If you need any further information about A-Level Physics, please contact Ms Jeny Abraham (Head of Science) via email at jeny.a_wsd@gemsedu.com.

<https://cf.oxfordaqaexams.org.uk/oaqaresources/specifications/oxfordaqa-international-as-and-a-level-physics-specification.pdf>





GCE A-level Travel & Tourism

WHO SHOULD DO THIS COURSE?

Travel & Tourism is for young people who want to be skilled and knowledgeable in this rapidly diversifying industry.

Studying this course, you will gain an understanding of the concepts, models and theories used within the Tourist industry. You will also enhance your skills of investigation, analysis, interpretation and evaluation. You will develop planning, leadership and organisation skills by completing a piece of coursework on planning and managing a Travel and Tourism event.

WHAT WILL BE STUDIED?

You will be studying the following topics:

- Features of the travel and tourism industry
- Principles of customer service in travel and tourism planning and managing a travel and tourism event
- Defining the tourism market
- Destination Marketing (full A-level only)
- Destination Management (full A-level only)

WHAT QUALIFICATIONS DO I NEED?

Students wishing to take A Level Travel and Tourism will need at least a grade of B in iGCSE Travel & Tourism and a grade of C in English and/or any of the Humanities subjects.



HOW WILL I BE ASSESSED?

Paper 1 The Tourism Industry

You will answer four questions, each worth 25 marks. Each question is subdivided into four sub-questions and may be based on stimulus material. This is worth 67% of the AS qualification or 33% of the full A-level.

Paper 2 Planning and Managing a T&T Event

This is a coursework project which involves planning and managing a travel and tourism event. You will work in a team but present your project individually. This is worth 50 marks, which is 33% of the AS qualification or 17% of the full A-level.

Paper 3 Destination Marketing (A-level only)

You will answer two questions, each worth 25 marks. Each of these questions is based on stimulus material and is subdivided into three sub-questions. This is worth 25% of the full A-level.

Paper 4 Destination Management (A-level only)

You will answer two questions, each worth 25 marks. Each of these questions is based on stimulus material and is subdivided into three sub-questions. This is worth 25% of the full A-level.

FUTURE PROSPECTS

Travel & Tourism is a global industry and there are a wide range of opportunities available to students. There are jobs directly related to a tourism degree such as air cabin crew, holiday representative, hotel manager, tourist information centre-manager and jobs that are indirectly related such as conference-centre manager, customer service manager, event manager, and a marketing executive.

FURTHER INFORMATION

If you need any further information about A-level Travel & Tourism, please contact Mr Julius Soquena (Head of Humanities) via email on julius.s2_wsd@gemsedu.com.

<https://www.cambridgeinternational.org/Images/414997-2020-2022-syllabus.pdf>





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ICT

BTEC
SUBJECTS

BTEC International Level 3 Business Extended Diploma



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DUBAI

WHO SHOULD DO THIS COURSE?

BTEC enables a learner-centred approach to education, with a flexible, unit-based structure and knowledge applied to project-based assessments. BTECs focus on the holistic development of the practical, interpersonal and thinking skills required to be successful in employment and higher education.

A BTEC is a vocational qualification, which means that it has a career-focused and is grounded in the world of work. BTEC students study to gain skills and knowledge in their subject area, then put those skills into practice in real-life scenarios.

WHAT WILL BE STUDIED?

Equivalent in size to three International A-levels, you study 15 units of which six are Mandatory and three are assessed using a Pearson Set Assignment.

The learning programme covers the following content areas:

- Business environment
- Marketing
- Finance
- International business
- Management
- Enterprise and entrepreneurship

The optional units have been designed to support progression to business courses in higher education, and to link with relevant occupational areas. They cover content areas such as:

- Human resources
- Accounting
- Financial services
- Marketing
- Retail

WHAT QUALIFICATIONS DO I NEED?

There are no formal entry requirements but we expect learners to have qualifications at or equivalent to Level 2. Learners are most likely to succeed if they have:

- Five International GCSEs at grade C and/or
- BTEC qualification(s) at Level 2
- Other appropriate qualifications or achievement at Year 11 or age 16 in core subjects.

HOW WILL I BE ASSESSED?

All assessment is internal but some mandatory units have extra controls on assessment and are assessed using Pearson Set Assignments.

FUTURE PROSPECTS

- 90% of BTEC students are employed full-time after graduating (London Economics 2013)
- Over 1 million learners choose BTECs every year
- With a BTEC you can become a professional worker, entrepreneur or go to a top university

FURTHER INFORMATION

If you need any further information about BTEC international Level 3 Business, please contact the Business Head of Department, Ms Remya Muralidharan at Remya.m_wsd@gemsedu.com

<https://qualifications.pearson.com/en/qualifications/btec-international-level-3/business.html>



Business





BTEC Level 3 Information Technology

WHO SHOULD DO THIS COURSE?

BTEC IT is a high quality, hands-on qualifications grounded in the real world of work. BTEC IT is all about learning by doing and that means BTEC IT students put what they learn into practice straight away.

Throughout the course, you will work on a series of assignments set in real-life scenarios, developing the practical knowledge and skills employers and universities are looking for. It's so much more than just a certificate – BTEC-qualified students will keep applying what you learn on your BTEC course as you progress to either university or into employment.

WHAT WILL BE STUDIED?

For the BTEC IT course, you will study different units. These include:

- Information Technology Systems – Strategy, Management and Infrastructure
- Website Development
- Cyber Security and Incident Management

WHAT QUALIFICATIONS DO I NEED?

We expect learners starting this course to have achieved a grade 5 or above in iGCSE ICT.



HOW WILL I BE ASSESSED?

Rather than testing everything together at the end of the course, BTEC IT gives students the opportunity to show what they've learned in each unit, and build on their achievements as they progress through the course. That means there are plenty of chances to learn, improve and succeed.

Assignments: Set and marked by the teacher or tutor, assignments involve a series of tasks designed around a work-related, real-life scenario. They give students the chance to build knowledge and skills over time, and deliver a complete, integrated project using a combination of knowledge, skills and behaviours. BTEC IT is assessed completely through assignments. You'll get a grade for each unit - Pass, Merit or Distinction - so you can see how you're progressing throughout the course.

Your final qualification grade will also be awarded on the Pass, Merit and Distinction scale, and your exact grades will vary depending on the course.

FUTURE PROSPECTS

Today's employers are looking for confident, work-ready candidates who have the practical knowledge, experience and skills that BTECs provide. Pearson have worked closely with employers, professional bodies and Higher Education experts to develop BTEC qualifications. That means BTEC-qualified candidates are valued by a wide range of industries.

If you're looking to move up the career ladder, or develop a higher level of knowledge in a particular area of expertise, BTEC ICT is a great option. BTEC course will help you build the employability skills and confidence you'll need to thrive throughout your career. Jobs available in these areas include:

- Software Developer
- Web/Content Developer
- Mobile App Designer
- Games Designer
- Programmer
- IT/Business Analysis Support

FURTHER INFORMATION

If you need any further information about BTEC IT, please contact Ms Nidhi Gupta (Head of ICT) via email on nidhi.g_wsd@gemsedu.com.

<https://bit.ly/3IN9SM7>





BTEC Level 3 Travel & Tourism

WHO SHOULD DO THIS COURSE?

BTEC International Level 3 is designed for learners who want an introduction to Travel and tourism sector and for those interested in learning about the industry alongside other fields of study, with a view to progressing to a wide range of higher education courses.

WHAT WILL BE STUDIED?

You will be studying the two Mandatory topics: *The travel and tourism industry* and *Customer Service*. As you progress, you will select optional topics such as specialist tourism, sustainable tourism, work experience in travel and tourism, visitor attractions and the cruise industry.

WHAT QUALIFICATIONS DO I NEED?

Students wishing to take BTEC Travel and Tourism should preferably achieve a grade C in IGCSE Travel and Tourism or at least a grade B in IGCSE English and other Humanities subjects (Geography, History, GP, Sociology).

HOW WILL I BE ASSESSED?

All assessment is internal (Internally assessed subject to external standards) but some mandatory units have extra controls on assessment and are assessed using Pearson Set Assignments. Additionally, some units are synoptic.

Assessments are designed to give learners opportunities to:

- write up the findings of their own research
- use case studies to explore complex or unfamiliar situations
- carry out projects for which they have a choice over the direction and outcomes
- demonstrate practical and technical skills using appropriate processes.

FUTURE PROSPECTS

The program prepares students for direct employment in the travel and tourism sector, and is suitable for learners who wish to enter a particular specialist area of work, such as:

- Travel customer services executive
- Personal sales executive
- Cruise sales executive.

FURTHER INFORMATION

If you need any further information about Global Perspectives, please contact the Humanities Head of Department, Mr. Julius Ashley:
julius.s2_wsd@gemsedu.com

<https://www.cambridgeinternational.org/Images/414997-2020-2022-syllabus.pdf>

