

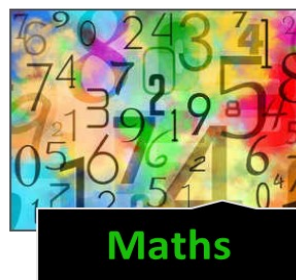
POST-16 STUDY



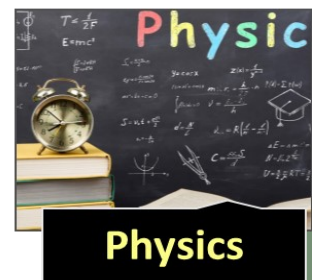
OPTIONS



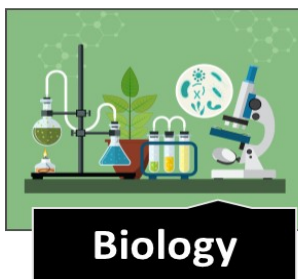
English



Maths



Physics



Biology



Chemistry



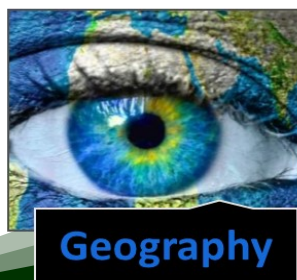
Spanish



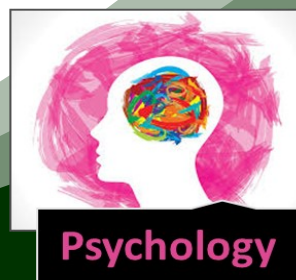
Business



ICT



Geography



Psychology



History

Option Guide

OPTIONS
AFTER
YEAR 11

YOU
decide which
option is
the best for
YOU

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Boys' Section

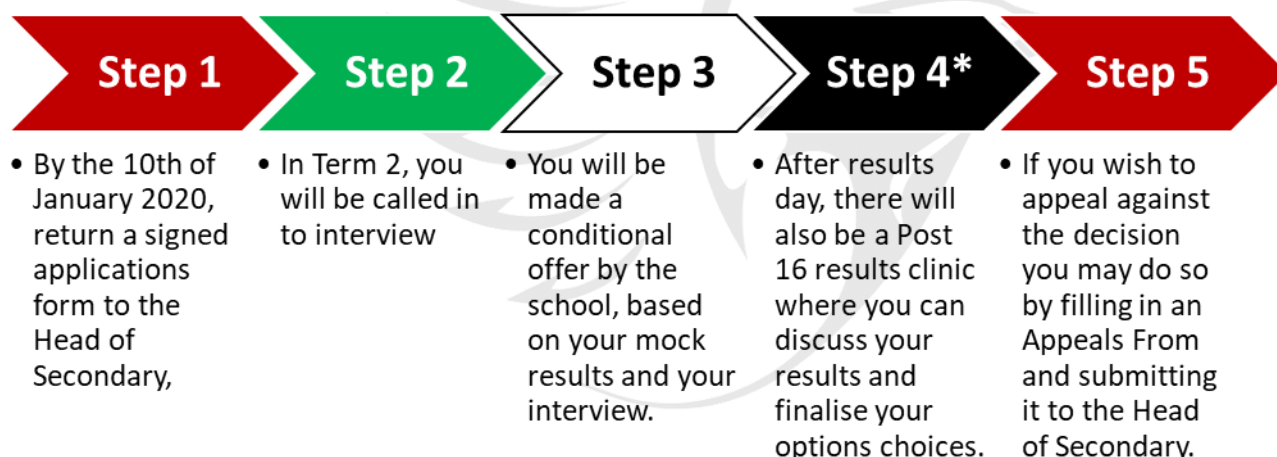
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Application Process

We would love to see all our Year 11 move into Post 16 study but the move is not automatic. Before offering a place to a student, we expect them to:

1. Achieve a minimum of five Grade '4' passes at GCSE, which should include Math and English.
2. Demonstrate an aptitude for voluntary study beyond the age of 16 years and an appropriate attitude to learning throughout GCSE study.
3. Have an excellent track record of attendance, punctuality and behaviour.
4. Meet the minimum entry requirement (subject specific) for further study in an appropriate number of courses.
5. Provide a copy of their most up-to-date examination results.
6. Attend an interview with the Head of Secondary or a member of the Senior Leadership Team.

These expectations reflect our commitment to ensuring we only place students on-to Post-16 courses if we are confident they are able to cope and succeed depth and complexity of A Levels.



*** If you have failed to meet the required GCSE grades for the subjects that you have chosen you will not gain entry to that subject. Instead we will help you to choose an alternative.**

Teachers within GEMS National School are immensely experienced in making judgements about which students are likely to succeed at Higher Level Study. Their advice should be taken very seriously indeed and is a factor in the decision making process.

How to apply:

Students who wish to join the school from other schools/colleges/countries should first of all read through this booklet and ensure that they meet the minimum entry requirements for Post 16 study and for the specific courses they would like to undertake.

Assuming all entry criteria is met; students and their parents should then contact the schools admissions team.

The AS / A Level Courses

The correct terminology for these courses are Advance Subsidiary courses and Advanced Level courses (though they are commonly known simply as A Levels), and they have been available in the UK education system for over 30 years. They are often seen as the 'Gold Standard' both in the UK and overseas, and are accepted by the vast majority of universities around the world as evidence that a potential student meets the entry criteria for University study.

Each A level course will have between 3 and 6 modules, with a terminal exam undertaken at the end of the course. Some subjects also contain an element of Controlled Assessment (or course-work) which is internally assessed and externally moderated, and which counts towards a student's final grade.

Compulsory Subjects:

As a school operating in the UAE, but offering a UK curriculum, we have to take account of both the UK requirements, and the requirements of The Ministry of Education. As such, each student must follow a series of compulsory subjects, as outlined in the paragraphs below.

MoE Curriculum:

As per Ministry of Education regulations, all students must study Arabic for 200 minutes per week until the end of Year 10. After this point, any student who holds an Arabic Passport, and any student who wishes to achieve their 'Secondary School Equivalency Certificate' must continue to study Arabic throughout Years 11 and 12. As such, we strongly recommend that all students continue to study Arabic throughout Year 12, and that they sit the MoE Arabic exam at the end of the academic year.

However, students who do not hold an Arabic Passport and who do not wish to achieve their Secondary School Equivalency Certificate will be given the opportunity to cease Arabic studies in Year 12. In addition to Arabic, Muslim students must also study Islamic Studies for 80 minutes per week.

SHAHADAT AL-THANAWIYA AL-AMMA:

The Shahadat Al-Thanawiya Al-Amma or 'Secondary School Leaving Certificate' is a student's evidence that they have successfully completed secondary education in the UAE. Originally developed for Arabic Curriculum Schools, it is now often referred to as the 'Equivalence Certificate' because students following an alternative curriculum (such as the British Curriculum on offer at GEMS National School) can now gain the certificate having attended an international school.

Why does a student achieve the Shahadat Al-Thanawiya Al-Amma?

Any student who has studied in the UAE for his/her final Secondary School Years (Year 10 onwards) is advised to make all appropriate efforts to achieve the Shahadat Al-Thanawiya Al-Amma, unless they can answer 'No' to all of the following statements:

- Do you intend to study in the UAE after the age of 18?
- Do you intend to study in another Arabic country (eg. Jordan, Egypt) after the age of 18?
- Do you intend to work in the UAE at any point after the age of 18?

For some students, it will be their intention to study at University in a non-Arab country, such as the UK, Canada or the USA. It is clear that for these students, points 1 & 2 (above) do not apply, and some students may have already decided that they intend to work overseas after finishing University. However, a student who has studied beyond Year 10 in the UAE may still be asked to produce their Shahadat Al-Thanawiya Al-Amma many years later if they choose

to apply for employment in the UAE or another Arab country. Students who do not have the Shahadat Al-Thawasiya Al-Amma will be at a distinct disadvantage in future years when applying for employment in the UAE. Federal law dictates that all Federal employees (i.e. those working in the armed forces or Ministry Departments such as Labour, Interior or Education) must have the Shahadat Al-Thawasiya Al-Amma.

To achieve the Shahadat Al-Thawasiya Al-Amma a student must satisfy the following criteria:

Achieve at least 5 i/GCSEs (at Grade E or above) from the prescribed list of 21 subjects. A list of these subjects can be found below. A student is free to follow other i/GCSE courses (not from the specified list) but these will not count towards the Shahadat Al-Thawasiya Al-Amma.

Achieve (again from the specified list of 21 subjects) either:

- 2 Advanced Subsidiary (AS) Levels in Year 12 at Grade D or better or;
- 1 advanced (A) Level in Year 13 at Grade D or better
- Pass the UAE Ministry of Education Arabic Studies exam in Year 12. This can be taken as either Native Arabic Studies (for students of Arab Nationality as shown on their passport) or as Non-Native Arabic Studies (for students of non-Arab Nationality as shown on their passport).

In addition to the 3 sections above, there is a 4th section which is only applicable to Muslim students:

- Pass the UAE Ministry of Education Islamic Studies exam in Year 12. This can be taken as either Native Islamic Studies (for students of Arab Nationality as shown on their passport) or as Non-Native Islamic Studies (for students of non-Arab Nationality as shown on their passport).

A Summary:

Students intending to obtain UAE Secondary Equivalency Certificate after their AS in 2 subjects or A/L in 1 or more subjects by the end of Y12 or Y13; will have to select in their GCSE, IGCSE and GCE a minimum of 5 subjects exclusively from the 21 subjects enlisted below:

- | | | |
|--------------------------------|------------------------|----------------------------|
| 1. Accountancy | 8. Economics | 15. Geology |
| 2. Arts and Design | 9. English Language | 16. History |
| 3. Biology | 10. English Literature | 17. Information Technology |
| 4. Business Administration | 11. French Language | 18. Maths |
| 5. Chemistry | 12. General Science | 19. Physics |
| 6. Computing | 13. Genetics | 20. Psychology |
| 7. Dietetics (Food and Health) | 14. Geography | 21. Sociology |

In addition to any 5 subjects from the above list, students seeking Equivalency must also study Arabic in Y11 and Y12 and pass MOE Unified Exam at the end of Y12.

My Reflection and Planning Sheet

My favourite Motivational Quote

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Subjects I am good at

Areas of strength

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Subjects I like

Interests

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Fields I am interested in for Higher Education

Aspirations

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Careers in high demand related to my interests

Research

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Work Habits I plan to improve in Year 12

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GEMS

مدرسة جيمس البرشاء الوطنية

Al Barsha National School

Post 16

Option Guide
Girls



Message from Head of Secondary (Girls)

Dear Students,

What an exciting yet significant juncture in your lives, Year 11! The lead up to your GCSEs and making choices for your future can be both overwhelming yet also incredibly exciting. At GNS we will offer you complete guidance and support; you are not alone through the important decision making process. Rest assured that we have years of experience in doing just this and that we will support you through everything.

This Year is incredibly exciting as it will be the first Year of GNS Post 16. As our first Post 16 cohort we expect your contribution to the academic and community life of our school to be fulfilling and exemplary.

We will offer a range of opportunities; from being part of the student leadership, to a wide range of extra-curricular activities so that you are prepared for life post GNS. Our curriculum offers many opportunities for you to take on roles which help to develop your leadership skills, team spirit and the ability to be intellectually creative - as we believe that learning takes place both inside and outside of the classroom.

The information contained in this booklet is designed to help you make the subject choices that are right for you and which will enable you to achieve all of your future ambitions. Over the next few weeks you will receive advice and guidance from many different people including your parents, me, your teachers and your friends.

You will have 3 - 4 choices to make from the option blocks. Further details about each of the subjects on offer are available within this booklet. Read through carefully the descriptions of the subjects. Along with the course information, this booklet will also give you information on additional points for you to consider, particularly if you intend to work or study outside of the UAE or the UK.

However, I cannot stress how important it is for you to conduct your own research, especially on how your course links to university and your future career ambitions. It is your future – so it's imperative you take ownership of it! Of course we will support and advise. Should you wish to ask questions which are beyond the information contained in this booklet, and are not able to attend our Options Evening on Tuesday 10th December 2019, please contact me, Ms Terri (Head of Secondary t.hadfield_nsg@gemsedu.com) to arrange a meeting.

Good luck in making your choices and I look forward to working with you next year in Year 12.

I wish you every success throughout your GCSEs and beyond!

Sincerely,

Terri Hadfield

Head of Secondary

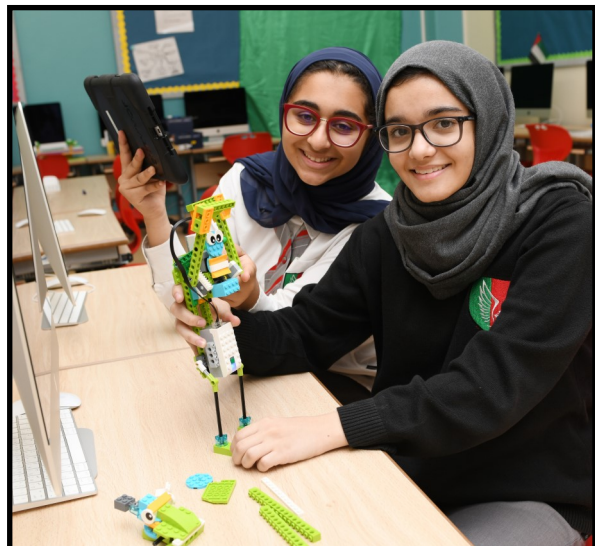
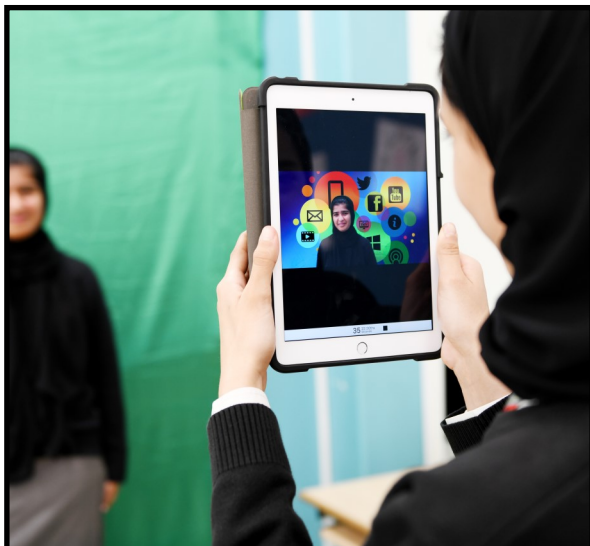
Welcome to Post 16!

At GNS our Post-16 is being developed with the following core principles:

To ensure we are able to offer accessible courses for our students' abilities and passions, and provide qualifications which will help access higher education institutions and the workplace.

To build independent, responsible and resilient citizens by giving our students greater autonomy. Post 16 students will receive the opportunity of greater freedom to help transition them into the independent life at university, as well as further leadership opportunities as student leaders of GNS.

To provide students with opportunities to enhance their studies by developing skills beyond the classroom, giving them opportunities to develop social responsibility as well as to contribute to the community and continue their journey to become leading global citizens of the world.



Enrichment opportunities on offer

Enrichment Activities		
Inspired To Aspire	Leadership	Pre-University Project
	Etiquette Programme Sports Leader Awards 	Research Techniques 
Entrepreneurship	Design and Innovation	Social Impact
Creating New Businesses 	DEC GIC 	Charity Initiatives Eco School 

* Depending on multiple factors including country of origin, secondary schooling, language skills, and desired university, students may need to provide an IELTS score to universities to ensure their English language skills are adequate for accessing the curriculum. This course lays a solid foundation to prepare for IELTS testing.


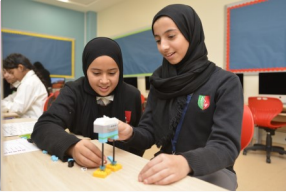






Design, Engineer and Construct

Design Engineer Construct!® (DEC) is an accredited learning programme for students and has been expertly developed to create and inspire the next generation of Built Environment professionals. Through a project-based approach, DEC applies pure academic subjects to the latest construction industry practices. The result is young people with real-world practical experience and employability skills.

GEMS Al Barsha National School for Girls is the first GEMS school in Dubai (*and the first GEMS school in the World!*) to introduce the bespoke Design Engineer Construct ('DEC') Learning Programme. Our new Design Engineer Construct ('DEC') Learning Programme will be supported by key partners and professional bodies from architecture, engineering and construction, including the Institution of Civil Engineers and Heriot Watt University. This will include work experience provision for students and a forthcoming programme of inspirational guest speakers including Alison Watson, an ambassador for Women in BIM, and other high profile women from the Built Environment sector within and beyond the UAE.

DEC can help you into these exciting professions and more...

 LAND SURVEYOR  Land Surveyors collect highly accurate data to map the shape of the land.	 STRUCTURAL ENGINEER  Structural Engineers ensure buildings are stable and safe.	 ARCHITECT  Architects use creative ideas and technical know-how to design great buildings.
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Design Engineer Construct!® (DEC) is an accredited learning programme for students and has been expertly developed to create and inspire the next generation of Built Environment professionals. Through a project-based approach, DEC applies pure academic subjects to the latest construction industry practices. The result is young people with real-world practical experience and employability skills.



LEARN ANYTIME, ANYWHERE

"We get a lot out of the project - being able to make our own decisions and be taken seriously means a lot!"

Student, Age 14, Accrington Academy, Lancashire

INSPIRED to ASPIRE



مُندِفِعة لِأرْتَقِي



مدرسة وطنية عالميّة المستوى، ابتكاريّة شاملة، تسعى إلى تطوير قادة إماراتيين وعرب ثنائيي اللغة والثقافة، مواطنين عالميين مسؤولين، خلوقين وخالقين، دائمي التعلّم، يتحلّون بهوية وطنية قوية، وأسس قويمة راسخة في الدين، والنزاهة، والتعاطف، سعادة وأقوياء ومرنين.

مدرسة جيمس البرشاء الوطنية
للبنات

Career Guidance Programme

The school has a carefully planned programme for Year 12 students to help support them in their higher education planning:

- 1.Work Experience Week
- 2.Interview Guidance
- 3.Work Experience Week
- 4.Guidance Evenings
- 5.Careers Week
- 6.Inspirational Speakers
- 7.Enrichment, pre-university workshops and projects
- 8.My Path to Uni online resources
- 9.DEC online Resources



My Path To Uni
YOUR PASSION. YOUR PATH

What We Provide

Application & Essay Support

- Complete post-secondary support for admissions applications – including admissions essays. Specializing in applications for Elite global universities, Foundation, and summer enrichment programs in US, UK, Australia, Canada, Ireland, China, Malaysia, Germany, the UAE and more!

Test Prep

- Comprehensive programs for standardized testing from exam preparation and tutoring to sitting for exams, with custom support for IELTS, TOEFL, SAT I and II, ACT, AP Exams, PSAT, SSAT, most Cambridge Admissions tests, country-specific admissions exams, and more!

Coaching, Mentoring & Psychometric Guidance

- Powered by our Lifology Team offering life-coaching and personalized mentoring from Grade 7 or Year 8 to adult professionals – with unique psychometric and learning style analysis to support academic success (no matter what the curricula) to progress from high school to university and career!

Pathway Programs

- Unique supplementary courses (online and onsite), certificates and extra-curricular opportunities and academic tutoring by globally-certified professionals to enhance your transition from high school to university and career success – no matter where in the world!

Internships & Work Placement

- Explore career options and resume-building resources from high school and beyond via targeted internships, career exploration programs, volunteer opportunities, work placements, and more – to help you stay competitive in a continually changing global workforce.

Tutoring & Academic Support

- Professional **tutoring** and **academic support** for a multitude of K-12 subjects and curricula – to help students accelerate their learning, enhance weak subject performance, improve writing or language abilities, catch up with peers, meet international learning standards, or to succeed in school overall.

<https://mypathtouni.com>

Work Experience Week

Employer's Data Sheet



Company's Name: **Asteco Property Management**
 Address: Sheikh Zayed Road
 Work Hours: 8.30am – 3.00pm
 Contact Person: Ms Sarah Vince
 Available places: 4 students

About the Company: Asteco was formed in Dubai in 1985 by Elaine Jones and the Bin Sulayem family and Property Management was its core business. By carefully developing relationships with Clients and providing exceptional service at all times, Asteco has retained many of their original Clients to this day. Elaine continued to work full-time at Asteco and is Executive Chairman and Heads up their Transactional Department (Sales and Leasing of properties).

Asteco is widely recognised for its involvement with many of the projects that have defined the landscape and physical infrastructure of the Emirates – one of the most prestigious projects was working on the initial concept and planning for The Palm Jumeirah. An innovative and iconic landmark, that I'm sure you are all familiar with and which can be seen from Space and is known throughout the world.

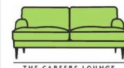
Asteco's core Business Lines are: Asset Management / Sales / Leasing / Valuation & Advisory / Business Consultancy / Owner's Association
 Undisputed Real Estate experts, Asteco represents a significant number of the region's top property Owner's, Developers and Investors. Asteco has witnessed outstanding growth and diversification over the decades and has built a strong regional network of offices and have their head office here in Dubai on Sheikh Zayed Road.

Job description, department: "Students will work in pairs and may request to visit different departments of the Company, from those listed below."

1. **Asset Management** - 1 day
Will suit those with an administrative bias, ability to follow process and use systems, good personal interaction skills.
2. **Agency** - 1 day - may include off-site visit
Will suit those with excellent Customer Service skills and natural sales ability with attention to follow-up.
3. **Licensing** - 4 hours
Will suit those who have an aspiration to have their own Business.
4. **HR/Office Manager/Company Secretary/Accounts** - 1 day (total)
Will suit those who are interested in Business Operations and what those roles may encompass.
5. **Valuations & Advisory** - 1 day
Will suit those with an interest in research and valuation. Must have strong report writing and figure skills.
6. **Home Owners Association** - 1 day – possibly off-site out of the main Asteco Office
Will suit those with good personal interaction skills, an ability to understand and implement the regulations that are the foundation of the HOA
7. **Marketing** - 1 day
Will suit those with an interest in creative work but has strong English and Arabic writing skills.

Next Step: Complete an Applicant's Sheet or CV and submit to Ms Amaal Jajjour no later than 10th November 2019.

Upcoming Events



KS4 Assembly
Wednesday 30th October
7.40-8.00am

Career Guidance Interviews
With Mrs. Anna Howell
Careers Counselor Expert

Year 9 28th October
 Year 10 29th – 30th October
 Year 11 30th October



#nsginspired2aspire

CAREERS ADVICE AND HOW TO RESEARCH

This is very important, as some students reach the end of their A Levels only to discover they didn't do the due diligence in selecting the correct subjects for what they want to study at university. become a problem later on.

The website www.ucas.co.uk will give details of all university courses and the subjects that are necessary or desirable.

Look out for Brian Heap's 'Degree Course Offers', an excellent book on choosing Higher Education courses.

Look out for The Times' University Guide, The Guardian University Guide and Virgin's Alternative University Guide.

Look on the websites of individual universities to find out which courses they offer that spark your interest. The websites will also give the subject specific requirements for the course and the grades required for entry to the course.

Look at the website www.whatqualifications.co.uk for entry requirements for particular careers.

www.russellgroup.ac.uk/for-students/school-and-college-in-the-uk/subject-choices-at-school-and-college/ for information on subject choices – Russell Group Universities.

Other useful websites include:

www.unifrog.org www.apprenticeships.org.uk www.bestcourse4me.com www.university.which.co.uk
http://www.undergraduate.study.cam.ac.uk/sites/www.undergraduate.study.cam.ac.uk/files/publications/the_subject_matters.pdf (If you are considering Cambridge University)

Factors you need to consider when you choose your Post 16 subjects:

- Natural ability
- Subjects that you enjoy
- Subjects that might be a specific requirement for a particular course at university or career/ employment
- Subjects that suit your own learning styles
- The amount of coursework involved
- Balance of workload
- Level of difficulty of a subject
- Subjects which complement each other
- Subject requirements



Advice for Students - Who decides what I study?

Basically, YOU do; we want you to choose the subjects that you want to do. Everyone is happier that way. But you need to consider things out very carefully and remember the following points:

- First, you must consult your parents and your teachers.
- Secondly, you should think whether the subjects you are choosing now fit in with what you will need for a FURTHER EDUCATION or CAREER choice in two, three or four years time.
- Thirdly, you must check any particular requirement of the subject. You will not be allowed to begin any option course if your lower school work indicates that you will not benefit from it. For example: if your current grades are low in Science then choosing Triple Science would not be a smart idea.

To help you to choose:

To help you with all of these different considerations, students will have a one-to-one student-led conference with the Head of Secondary and their parents. These consultations

All of these people will have a very good idea of your abilities and the subjects that will give you a broad set of skills that you will need for future success.

Dos

Final Tips for Choosing Subjects

- DO choose subjects which you like
- DO choose subjects at which you are successful in
- DO choose subjects which you may need for a career or further education
- DO find out everything that you can about the subject before you choose it. (once you have started a subject we expect you to stick with it for two years)
- DO talk to your parents and family members who know you best
- DO listen to the advice your subject teachers and Form Tutor gives you

Don't

- DON'T choose a subject just because your friend has chosen it
- DON'T choose a subject just because you like - or dislike - a particular teacher, they may not end up teaching you!

Subjects on offer in Year 12

Compulsory Subjects for the academic year 2020-2021:



Islamic Studies*



Arabic**



Moral Education



Physical Education

* For Muslim students

** For students holding Arabic Passports or seeking to achieve the Secondary School Equivalency Certificate

Note: Compulsory subjects might change as requested by the KHDA.



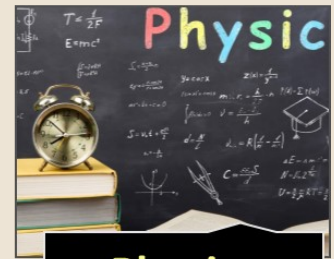
OPTIONS



English



Maths



Physics



Biology



Chemistry



Spanish



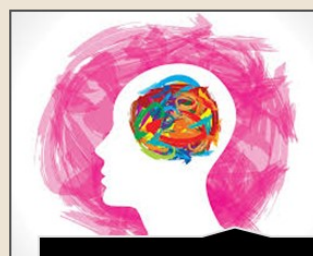
Business



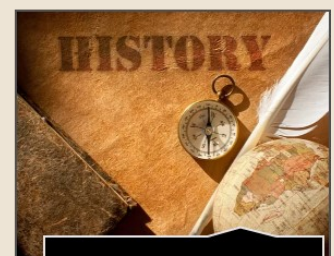
ICT



Geography



Psychology



History

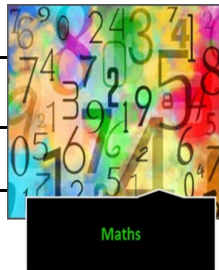
Important Notes:

- The above offerings are preliminary, and only subjects with enough enrolments will be kept for next academic year. Students will be informed of the final courses early in Term 3.
- In support of students, changes in options will be considered where possible. However, in some cases change will not be possible due to courses being full.

AS/A Level	
Subject:	English Language
Course Title:	International AS and A Level English Language—XEN01 and YEN01
Awarding Body:	Pearson Edexcel
Web Link to Specification:	https://qualifications.pearson.com/content/dam/pdf/International%20Advanced%20Level/english-language/2015/specification-and-sample-assessments/9781446954027-IAL-EngLang-Iss3.pdf
Course Outline:	Unit 1: Language: Context and Identity Unit 2: Language in Transition Unit 3: Crafting Language (writing) Unit 4: Investigating Language
Assessment:	IAS Unit 1: Language: Context and identity. Externally assessed Written examination: 1 hour 45 minutes Availability: 50 marks 50% of the total IAS 25% of the total IAL. IAS Unit 2: Language in Transition. Externally assessed Written examination: 1 hour 45 minutes Availability: January and June. 50% of the total IAS 25% of the total IAL. IA2 Unit 3: Crafting Language (writing) Externally assessed Written examination: 2 hours 50 marks 25% of the total IAL. IAL Unit 4: Investigating Language Externally assessed Written examination: 2 hours. June 2017 50 marks 25% of the total IAL.
Possible Career Opportunities:	Teaching, law, media, business, publishing, writing.
Required Qualifications / Qualities :	A grade 5/6 in GCSE English Language or Literature would be desirable to be accepted onto this course. Students should be creative and have a genuine interest in investigating language and students should enjoy reading widely and independently.



AS/A Level

Subject:	International AS/A Level in Mathematics	
Course Title:	Pearson Edexcel International Advanced Subsidiary in Mathematics (XMA01) Pearson Edexcel International Advanced Level in Mathematics (YMA01)	
Awarding Body:	Edexcel	
Web Link to Specification:	https://qualifications.pearson.com/content/dam/pdf/International%20Advanced%20Level/Mathematics/2018/Specification-and-Sample-Assessment/International-A-Level-Maths-Spec-Issue3.pdf	
Course Outline:	International Advanced Subsidiary in Mathematics Qualification Compulsory units P1, P2 Optional units M1, S1, D1 International Advanced Level in Mathematics Qualification Compulsory units P1, P2, P3, P4 Optional units M1 and S1 or M1 and D1 or M1 and M2 or S1 and D1 or S1 and S2	
Assessment:	The International Advanced Subsidiary in Mathematics, Further Mathematics and Pure Mathematics qualifications each consist of three externally-examined units. The International Advanced Level in Mathematics, Further Mathematics and Pure Mathematics qualifications each consist of six externally-examined units.	
Possible Career Opportunities:	Accounting, Financial advisor, Economist, Banking, Education, Engineering, Aviation, Actuary, Data analyst.	
Required Qualifications / Qualities:	Students who study mathematics need to have a real love for the subject as it is course which requires dedication and hard work. Students will need to be able to solve problems, work independently and be ambitious with a persevering nature. The complexity of the course means students will need to be self-motivated and want to pursue the course outside of school hours often researching new concepts in their own time.	



AS/A Level	
Subject:	History
Course Title:	International AS and A Level
Awarding Body:	Pearson Edexcel
Web Link to Specification:	https://qualifications.pearson.com/content/dam/pdf/International%20Advanced%20Level/history/2015/specification-and-sample-assessments/IAL-History-Specification.pdf
Course Outline:	<p>SUBJECT CONTENT</p> <p>History content Unit 1: Depth Study with Interpretations 12 Option 1A: France in Revolution, 1774–99 13 Option 1B: Russia in Revolution, 1881–1917 15 Option 1C: Germany, 1918–45 18 Option 1D: Britain, 1964–90 21 Unit 2: Breadth Study with Source Evaluation 23 Option 1A: India, 1857–1948: The Raj to Partition 24 Option 1B: China, 1900–76 26 Option 1C: Russia, 1917–91: From Lenin to Yeltsin 28 Option 1D: South Africa, 1948–2014 30 Unit 3: Thematic Study with Source Evaluation 33 Option 1A: The USA, Independence to Civil War, 1763–1865 34 Option 1B: The British Experience of Warfare, 1803–1945 37 Option 1C: Germany: United, Divided and Reunited, 1870–1990 39 Option 1D: Civil Rights and Race Relations in the USA, 1865–2009 42 Unit 4: International Study with Historical Interpretations 45 Option 1A: The Making of Modern Europe, 1805–71 46 Option 1B: The World in Crisis, 1879–1945 49 Option 1C: The World Divided: Superpower Relations, 1943–90 51 Option 1D: The Cold War and Hot War in Asia, 1945–90.</p>
Assessment:	<p>This qualification consists of two externally examined units. The International Advanced Subsidiary is the first half of the International Advanced Level qualification and consists of two IAS units, Unit 1 and 2. This qualification may be awarded as a discrete qualification or may contribute 50 percent towards the International Advanced Level qualification.</p> <p>Pearson Edexcel International Advanced Level in History This qualification consists of four externally examined units. The International Advanced Level consists of the two IAS units (Unit 1 and 2) and two IA2 units (Unit 3 and 4). Students wishing to take the International Advanced Level must, therefore, complete all four units.</p>
Possible Career Opportunities:	Teaching. Law. Archaeologist.
Required Qualifications / Qualities:	A good grade in iGCSE English / English Lit as the course requires a lot of reading and writing.

AS/ A Level	
Subject:	Science — Biology
Course Title:	International AS / A-level Biology 9610
Awarding Body:	Oxford AQA
Web Link to Specification:	https://cf.oxfordaqaexams.org.uk/oaqaresources/specifications/oxford_aqa_int_as_and_a-level_biology_specification.pdf
Course Outline:	<p>The titles of the qualifications are: OxfordAQA International Advanced Subsidiary Biology OxfordAQA International Advanced Level Biology</p> <p>These qualifications are modular. The full International A-level is intended to be taken over two years. The specification content for the International AS is half that of an International A-level. The International AS can be taken as a stand-alone qualification or can be used to count towards the International A-level. Students can take the International AS in the first year and then take the International A2 in the second year to complete the International A-level or they can take all the units together in the same examination series at the end of the course.</p> <p>Candidates may re-sit a unit any number of times within the shelf-life of the specification. The best result for each unit will count towards the final qualification. Exams will be available in January and May/June.</p> <p>INTERNATIONAL AS AND A-LEVEL: Unit 1. The diversity of living organisms Unit 2. Biological systems and disease</p> <p>INTERNATIONAL A-LEVEL ONLY Unit 3. Populations and genes Unit 4. Control</p>
Assessment:	<p>The International AS content will be 50 % of the International A-level content. International AS assessments contribute 40 % of the total marks for the full International A-level qualification. The remaining 60 % comes from the International A2 assessments.</p> <p>There will be a practical element for both the AS and A Level.</p> <p>The exams will measure how students have achieved the following assessment objectives.</p> <p>AO1: Knowledge and understanding of scientific principles and concepts. AO2: Application of knowledge and understanding of scientific principles and concepts in both familiar and novel contexts. AO3: The ability to describe, analyse, interpret and evaluate scientific information presented in different forms. AO4: The ability to select, describe and evaluate scientific procedures.</p> <p>AS + A2 = A-level</p>
Possible Career Opportunities:	Science and research, sports and fitness, agriculture, engineering, police and emergencies, medicine and healthcare.
Required Qualifications / Qualities:	'A' equivalent at IGCSE. Independent learner, eagerness to do well, asks questions, problem solver. Can interpret data in graphical or tabulated form. Teamwork and communication organisational and time management skills.



Biology



AS / A Level	
Subject:	Science — Chemistry
Course Title:	International AS and A Level Chemistry (9620)
Awarding body:	Oxford AQA
Web Link to Specification:	https://cf.oxfordaqaexams.org.uk/oaqaresources/specifications/oxford_aqa_int_as_and_a-level_chemistry_specification_4.2.pdf
Course Outline:	<p>SUBJECT CONTENT</p> <p>Physical chemistry</p> <p>International AS Physical chemistry</p> <p>International A2 Physical chemistry</p> <p>Inorganic chemistry</p> <p>International AS Inorganic chemistry</p> <p>International A2 Inorganic chemistry</p> <p>Organic chemistry</p> <p>International AS Organic chemistry</p> <p>International A2 Organic chemistry</p>
Assessment:	<p>INTERNATIONAL AS ASSESSMENTS:</p> <p>Unit 1: Inorganic 1 and Physical 1 Written exam: 1 hour 30 minutes 70 marks 50 % of the International AS assessment 20 % of the International A-level assessment</p> <p>Unit 2: Organic 1 and Physical 1 Written exam: 1 hour 30 minutes 70 marks 50 % of the International AS assessment 20 % of the International A-level assessment</p> <p>INTERNATIONAL A2 ASSESSMENTS</p> <p>Unit 3: Inorganic 2 and Physical 2 Written exam: 1 hour 30 minutes 80 marks 21% of International A-level</p> <p>Unit 4: Organic 2 and Physical 2 Written exam: 1 hour 30 minutes 80 marks 21% of International A-level</p> <p>Unit 5: Practical and synoptic Written exam: 1 hour 25 minutes 60 marks 18% of International A-level</p> <p>AS + A2 = A-level</p>
Possible Career Opportunities:	Chemical engineer, forensic science, zoology, agriculture, biology, computer science.
Required Qualifications / Qualities	'A' at IGCSE. Independent learner, eagerness to do well. Asks questions, problem solver. Can interpret data in graphical or tabulated form. Teamwork, communication; organisational and time management skills



Chemistry

AS/A Level	
Subject:	Psychology
Course Title:	International AS/A Level
Awarding Body:	Oxford AQA Course 9685
Web Link to Specification:	https://www.oxfordaqaexams.org.uk/subjects/psychology/international-a-level-psychology-9685
Course Outline and assessment:	<p>Unit 1: Introductory topics in psychology. Students answer compulsory questions on three topics. Written examination: 1 hour 30 minutes 90 marks 50% of the International AS assessment (20% of the International A-level assessment) Questions Section A: Memory (30 marks) Section B: Social psychology (30 marks) Section C: Psychopathology (30 marks) Unit 2: Biopsychology, development and research methods 1 Students answer compulsory questions on three topics. Written examination: 1 hour 30 minutes 90 marks 50% of the International AS assessment (20% of the International A-level assessment) Questions Section A: Biopsychology (30 marks) Section B: Cognitive development (30 marks) Section C: Research methods 1 (30 marks) Unit 3: Advanced topics and research methods 2. Students answer compulsory questions on three topics. Written examination: 1 hour 30 minutes 90 marks 30% of the International A-level assessment Questions Section A: Psychology of sleep (30 marks) Section B: Schizophrenia (30 marks) Section C: Research methods 2 (30 marks) Unit 4: Approaches and application (SYNOPTIC UNIT) Students answer compulsory questions on three topics. How it's assessed Written examination: 1 hour 30 minutes 90 marks 30% of the International A-level assessment Questions Section A: Approaches in psychology (30 marks) Section B: Issues and debates in psychology (30 marks) Section C: Applied psychology: work and the individual (30 marks)</p>
Possible Career Opportunities:	This A Level course serves as an introduction to the study of Psychology. For those with an aspiration to work in this field (Clinical, Educational, Occupational, Sport, Forensic, Health, Neuropsychology), this provides a strong foundation for pursuing these career paths. Additionally, this course helps prepare students for related employment in Human Resources, Teaching, Law, Police and Biology related courses. Psychology A Level is now accepted at some UK universities for applications to Medicine.
Required Qualifications / Qualities:	Students must be motivated learners, enthusiastic to develop their knowledge about Psychology and driven to succeed at Advanced Level. Students will be challenged and must be able to work both independently and effectively in groups. Students should display strong organizational skills and meet the high standards of the Science Department. Entry Requirements: 6/7 in GCSE English (Literature and Language), 6/7 in GCSE Mathematics, 6/7 in GCSE Biology/Science.



Psychology



AS/A Level	
Subject:	International Advanced Level Business
Course Title:	Pearson Edexcel International Advanced Subsidiary in Business (XBS11) Pearson Edexcel International Advanced Level in Business (YBS11)
Awarding Body:	Pearson Edexcel
Web Link to Specification:	https://qualifications.pearson.com/content/dam/pdf/International%20Advanced%20Level/Business/2018/Specification-and-Sample-Assessment/International-A-Level-Business-Spec.pdf
Course Outline:	The International Advanced Subsidiary is the first half of the International Advanced Level qualification and consists of two IAS units, Units 1 and 2. This qualification may be awarded as a discrete qualification or may contribute 50 per cent towards the International Advanced Level qualification. Pearson Edexcel International Advanced Level in Business This qualification consists of four externally-examined units. The International Advanced Level units (Units 1 and 2) plus two IA2 units (Units 3 and 4). Students wishing to take the International Advanced Level must, therefore, complete all four units.
Assessment:	IAS Unit 1: Marketing and people. Externally assessed Written examination: 2 hours Availability: January, June and October First assessment: January 2019 80 marks 50% of the total IAS 25% of the total IAL. IAS Unit 2: Managing business activities. Externally assessed Written examination: 2 hours Availability: January, June and October First assessment: June 2019 80 marks 50% of the total IAS 25% of the total IAL. IA2 Unit 3: Business decisions and strategy. Externally assessed Written examination: 2 hours Availability: January, June and October First assessment: January 2020 80 marks 50% of the total IA2 25% of the total IAL. IA2 Unit 4: Global business. Externally assessed Written examination: 2 hours Availability: January, June and October First assessment: June 2020 80 marks 50% of the total IA2 25% of the total IAL.
Possible Career Opportunities:	Career opportunities are endless with this subject. All careers have an element of Business in them, so this subject is essential. If you become a dentist / architect / lawyer, you may set up your own business, so an understanding of finance / marketing etc., is crucial.
Required Qualifications / Qualities:	Students must be proactive learners, enthusiastic to develop their knowledge and driven to succeed. Students will take part in challenges and must be willing to work both independently and also in effective teams. Students must be organised and willing to put in extra effort in order to achieve the highest results, which is what is expected from the Business & Economics Department.



AS/A Level	
Subject:	International A Level Information technology
Course Title:	Pearson Edexcel International Advanced Subsidiary in Information Technology (XIT11) Pearson Edexcel International Advanced Level in Information Technology (YIT11)
Awarding Body:	Pearson Edexcel
Web Link to Specification:	https://qualifications.pearson.com/content/dam/pdf/International%20Advanced%20Level/applied-ict/2016/specification-and-sample-assessments/IAL-Applied-ICT-Specification.pdf
Course Outline:	<p>The Pearson Edexcel International Advanced Subsidiary in Information Technology. This qualification consists of two externally-examined units. The International Advanced Subsidiary is the first half of the International Advanced Level qualification and consists of two IAS units: Unit 1 and Unit 2. This qualification may be awarded as a discrete qualification or may contribute 50 per cent to the International Advanced Level qualification.</p> <p>The Pearson Edexcel International Advanced Level in Information Technology This qualification consists of four externally-examined units. The International Advanced Level consists of the two IAS units (Unit 1 and Unit 2) plus two IA2 units: Units 3 and 4. Students wishing to take the International Advanced Level must, therefore, complete all four units.</p>
Assessment:	<p>IAS Unit 1— Externally assessed Written examination: 2 hours. 80 marks 50% of the total IAS 25% of the total IAL.</p> <p>IAS Unit 2— Externally assessed Written examination: 3 hours. 80 marks 50% of the total IAS 25% of the total IAL.</p> <p>IA2 Unit 3— Externally assessed Written examination: 2 hours. 80 marks 50% of the total IA2 25% of the total IAL.</p> <p>IA2 Unit 4— Externally assessed practical examination Written examination: 3 hours. 80 marks 50% of the total IA2 25% of the total IAL.</p> <p>Please refer to the specification for details on the unit topics.</p>
Possible Career Opportunities:	<p>Applications programmer Information systems manager Database administrator Information technology consultant Multimedia programmer</p>
Required Qualifications / Qualities:	<p>Grade B or higher in GCSE ICT. Organised students, good with meeting deadlines. Grade B or higher in GCSE English language/literature. Grade B or higher in GCSE Mathematics. Passion and keen interest in ICT and business. Creative thinker.</p>



AS / A Level Curriculum Options for the academic years 2020-2022

Student's Name:

Class:

Compulsory Subjects	<p>Notes:</p> <ul style="list-style-type: none"> Compulsory subjects are mandatory for all students. Islamic Studies, Arabic, Moral Education and PE are non-AS / A Level Subjects. Subject pathways will be determined by the student's current performance. Options with not enough enrolments might not be offered.
1. Islamic Studies	
2. Moral Education	
4. PE	
5. Arabic	
Enrichment Opportunities	
6. IELTS	
7. Design, Engineer, Construct	

If you are interested in studying another subject, currently not featured in the list, please advise below:

Please tick the subjects you would provisionally like to study in Post 16.

I intend to stay at NSG for post 16.

I do not intend on staying at NSG for Post 16.

Subject Options	Please tick
History	<input type="checkbox"/>
Chemistry	<input type="checkbox"/>
Biology	<input type="checkbox"/>
Maths	<input type="checkbox"/>
English Language	<input type="checkbox"/>
Psychology	<input type="checkbox"/>
Information Technology	<input type="checkbox"/>
Business	<input type="checkbox"/>

University and Career Interests:

Student's Signature

Date



GEMS

مدرسة جيمس البرشاء الوطنية

Al Barsha National School

Post 16

Option Guide

Boys



Message from Head of Secondary (Boys)

Dear Year 11 Students,

September 2020 will see the exciting introduction of the GEMS National School Post 16. In this booklet, we present the courses to fit with your ambitions and career aspirations. We aim to be a school that nurtures a genuine passion for learning, delivering a truly well rounded, holistic education.

We hold a commitment to skills and service alongside the acquisition of knowledge. Post 16 students will be expected to develop an awareness of their social responsibility and contribute to their own community and/or the broader community in which the academy is situated.

Student leadership will be an important part of what we expect from our Post 16 students, but alongside this will be greater freedoms, so that students are prepared for the independence they will enjoy at university

At GEMS National School we don't simply aspire to enable our students to achieve their goals, but we aim to inspire them to exceed their own expectations. We are planning to be a platform upon which each pupil can grow, develop and be successful.

If you have any questions, please contact Mr Vincent Maiella (Head of Secondary—Boys) v.maiella_nsb@gemsedu.com to arrange a meeting.

Good luck in making your choices and I look forward to working with you next year in Year 12.

I wish you every success throughout your GCSEs and beyond.

Vincent Maiella

Head of Secondary

GUIDELINES FOR MAKING POST 16 CHOICES

Making a decision about which subjects to study in the Post 16 can be difficult. In terms of general advice, we separate this into three important categories:

Aptitude

Passion and Enjoyment

University and Career Aspirations

Aptitude

A Level courses are substantial and conceptually much more demanding than GCSEs. Examination questions are more searching and require longer, more carefully reasoned answers.

The transition from GCSE to A Level is very significant and students are unlikely to succeed in an A Level subject, unless you have laid strong foundations in that subject at GCSE level. For this reason, each subject has an entry requirement based on the course design, and its level of challenge.

Passion and Enjoyment

This should not be underestimated and is an important consideration when making choices. A genuine passion and commitment is required due to the motivation necessary to succeed being generated more easily, if the subject is one which you enjoy. Gauging whether you would enjoy a new subject can be difficult and it is important that each Pupil researches the course specification and discusses the course with a subject teacher. Even subjects that a Pupil has studied at GCSE can be quite different in Post 16 studies and each Pupil must take the time to research the topics that will be covered.

University and Career Aspirations.

If a Pupil has a very clear idea about their future career, it is important that they carefully research the university paths, and their respective subject and grade requirements. Each Pupil must ensure that these requirements are reflected in their A level choice. We will offer support and guidance in this respect. For the students who remain undecided about what their future aspirations are, they should endeavour to select subjects which will leave their options open.

We appreciate that a Pupil may select and begin a course that is not suited to them. For this reason, each Year 12 Pupil will undergo a 6 week probationary period in each of their subjects, with an in-built assessment. This is an opportunity for each Pupil to determine whether they are suited to the course and an opportunity for the teaching staff to gauge whether they will be successful.

SUMMARY OF PATHWAYS

Key Stage 5 - International University	
Subject	Lessons
A Level 1: En/Ma/Sci/Bus/IT	5
A Level 2: En/Ma/Sci/Bus/IT	5
A Level 3: En/Ma/Sci/Bus/IT	5
Arabic	3
Islamic	2
Moral Education	1
PE	1
	22

Key Stage 5 - GCC	
Subject	Lessons
A Level 1: Business	5
A Level 2: Applied IT	5
GCSE Retake 1: Com Science	5
GCSE Retake 2: Business	3
Arabic	3
Islamic	2
Moral Education	1
PE	1
	25



A LEVEL PATHWAY

Students must achieve a minimum of five Grades 6s at GCSE including English Language and Math. Alternatively, if a Grade 4 has been achieved in English Language and Math, students must have achieved a Grade 6 in five other subjects.

Currently, we provide a choice for students to construct a program of study that meets their needs. Students on this pathway select 3 A level subjects that they study for 2 years, completing their A Level Qualifications at the end of Year 13.

Students will be offered one-to one guidance and advice on their combination of A Level subjects. Students with particular careers or degree aspirations will be given clear information on which subjects are essential and which are desirable for further study or specific careers.

OUR EXPECTATIONS OF STUDENTS

Work Commitment:

As a school we place great emphasis on hard work. This is the bedrock upon which success is built and achieved and we expect our students to be motivated, ambitious and willing to stretch themselves academically. We see education as a marathon that students need to train and prepare themselves for, rather than a last minute sprint to win the race.

Personal Development:

Although our primary focus is the academic development of our students, we are not merely an 'exam factory' that pushes students to achieve at the expense of everything else. Skill acquisition is a key component in modern education, and we pride ourselves on providing a full and diverse range of enrichment opportunities for our students.

SUPPORTING OUR STUDENTS

Staff

Students are supported by a strong and experienced team of staff who work closely with the students, encouraging and supporting them in all aspects of their Post 16 experience. Form tutor will work with students on an individual basis and regularly review their attainment and progress throughout the year.

Experienced Counselling

Students also have access to our full time school Counsellor, who is available to support students on all aspects of their social, emotional and personal wellbeing.

ARABIC AND ISLAMIC EDUCATION

Arabic

All students in Y12 who are either Emirati or whose UAE residency visa is on an Arab passport are required to take Arabic lessons, as per UAE law and the Ministry of Education Guidelines. Expatriate students are not required to take Arabic, unless they wish to qualify for an equivalency certificate from the UAE government, confirming that a pupil has completed their secondary education in the UAE. This certificate is needed for entry to a UAE university and for employment in some government/semi governmental positions in the UAE. Although GNS does not teach A Level Arabic, students can request to be submitted for the AS Arabic exam, however, it is the responsibility of the Pupil to prepare for this exam through independent study. For further information about these courses, please speak to the Head of Arabic.

Islamic Studies

Islamic Studies is compulsory for all Muslim students in Y12, as per UAE law and Ministry of Education Guidelines, whether they are an Arabic speaker or not, and regardless of nationality.

The Ministry of Education course builds on students' understanding and awareness of Islam, developed throughout the Ministry curriculum which begins in Y1. Topics covered in Y12 include:

IELTS

Students will get the opportunity to study IELTS. The International English Language Testing System (IELTS) is the world's most popular English language proficiency test for higher education and global migration.

Why is IELTS important?

More than 10,000 organisations globally trust IELTS, so when you take the test you can be confident that it is recognised by educational institutions, employers, governments and professional bodies around the world.

As one of the pioneers of four skills English language testing 30 years ago, IELTS continues to set the standard for English language testing today. Governments in Australia, Canada, New Zealand and the United Kingdom use IELTS to process immigration applications.

How does IELTS work?

IELTS has been developed by some of the world's leading language assessment experts and will test the full range of English skills needed for success in your new job or study placement abroad.

You'll be assessed on the following elements:

- Listening
- Reading
- Writing
- Speaking

IELTS Academic - measures whether your level of English language proficiency is suitable for an academic environment. It reflects aspects of academic language and evaluates whether you're ready to begin training or studying.



Career Guidance Programme

The school has a carefully planned programme for Year 12 students to help support them in their higher education planning:

1. Work Experience Week
2. Interview Guidance
3. Work Experience Week
4. Guidance Evenings
5. Careers Week
6. Inspirational Speakers
7. Enrichment, pre-university workshops and projects
8. My Path to Uni online resources



My Path To Uni
YOUR PASSION. YOUR PATH

What We Provide

Application & Essay Support

- Complete post-secondary support for admissions applications – including admissions essays. Specializing in applications for Elite global universities, Foundation, and summer enrichment programs in US, UK, Australia, Canada, Ireland, China, Malaysia, Germany, the UAE and more!

Test Prep

- Comprehensive programs for standardized testing from exam preparation and tutoring to sitting for exams, with custom support for IELTS, TOEFL, SAT I and II, ACT, AP Exams, PSAT, SSAT, most Cambridge Admissions tests, country-specific admissions exams, and more!

Coaching, Mentoring & Psychometric Guidance

- Powered by our Lifology Team offering life-coaching and personalized mentoring from Grade 7 or Year 8 to adult professionals – with unique psychometric and learning style analysis to support academic success (no matter what the curricula) to progress from high school to university and career!

Pathway Programs

- Unique supplementary courses (online and onsite), certificates and extra-curricular opportunities and academic tutoring by globally-certified professionals to enhance your transition from high school to university and career success – no matter where in the world!

Internships & Work Placement

- Explore career options and resume-building resources from high school and beyond via targeted internships, career exploration programs, volunteer opportunities, work placements, and more – to help you stay competitive in a continually changing global workforce.

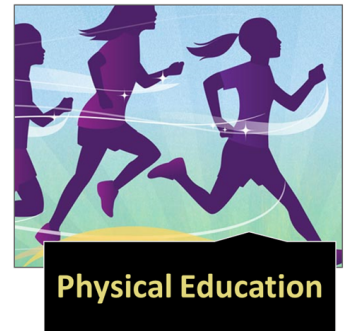
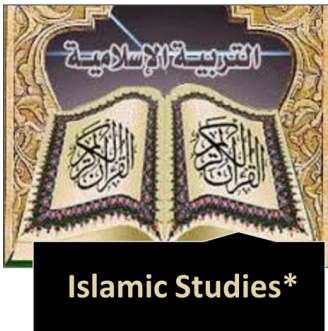
Tutoring & Academic Support

- Professional **tutoring** and **academic support** for a multitude of K-12 subjects and curricula – to help students accelerate their learning, enhance weak subject performance, improve writing or language abilities, catch up with peers, meet international learning standards, or to succeed in school overall.

<https://mypathtouni.com>

Subjects on offer in Year 12

Compulsory Subjects for the academic year 2020-2021:

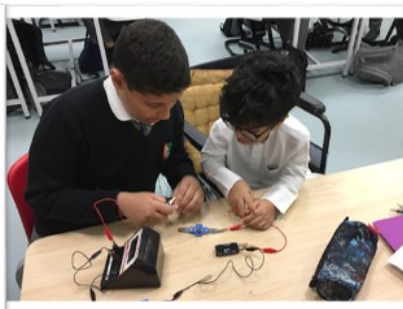
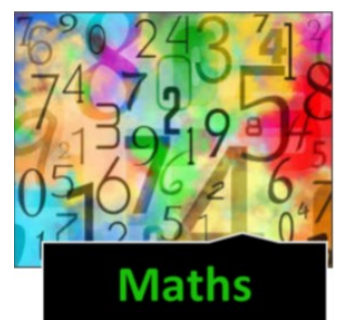
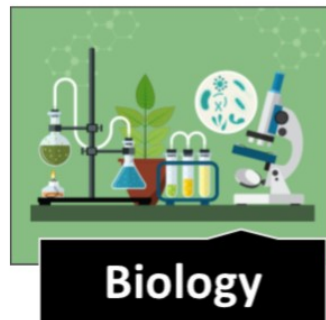


* For Muslim students

** For students holding Arabic Passports or seeking to achieve the Secondary School Equivalency Certificate

Note: Compulsory subjects might change as requested by the KHDA.

Option Subjects:

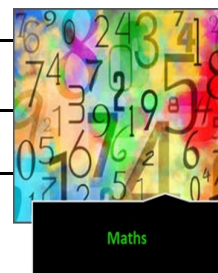


Important Notes:

- The above offerings are preliminary, and only subjects with enough enrolments will be kept for next academic year.
- In support of students, changes in options will be considered where possible. However, in some cases change will not be possible due to courses being full.

AS/A Level

Subject:	International AS/A Level in Mathematics
Course Title:	Pearson Edexcel International Advanced Subsidiary in Mathematics (XMA01) Pearson Edexcel International Advanced Level in Mathematics (YMA01)
Awarding Body:	Edexcel
Web Link to Specification:	https://qualifications.pearson.com/content/dam/pdf/International%20Advanced%20Level/Mathematics/2018/Specification-and-Sample-Assessment/International-A-Level-Maths-Spec-Issue3.pdf
Course Outline:	International Advanced Subsidiary in Mathematics Qualification Compulsory units P1, P2 Optional units M1, S1, D1 International Advanced Level in Mathematics Qualification Compulsory units P1, P2, P3, P4 Optional units M1 and S1 or M1 and D1 or M1 and M2 or S1 and D1 or S1 and S2
Assessment:	A level Mathematics is a fully examined qualification. It consists of three calculator papers at the end of the two years, paper one and two consist of pure mathematics and paper three is a combination of applied topics (Statistics & Mechanics). Paper 1: Two hours (33.3%) Paper 2: Two hours (33.3%) Paper 3: Two hours (33.3%)
Possible Career Opportunities:	Accounting, Financial advisor, Economist, Banking, Education, Engineering, Aviation, Actuary, Data analyst.
Required Qualifications / Qualities:	Students who study mathematics need to have a real love for the subject as it is course which requires dedication and hard work. Students will need to be able to solve problems, work independently and be ambitious with a persevering nature. The complexity of the course means students will need to be self-motivated and want to pursue the course outside of school hours often researching new concepts in their own time.



A Level	
Subject:	Science — Biology
Course Title:	International AS (XBI 11) / A-level Biology (YBI 11)
Awarding Body:	Pearson Edexcel
Web Link to Specification:	https://qualifications.pearson.com/content/dam/pdf/International%20Advanced%20Level/Biology/2018/Specification-and-Sample-Assessment/International-A-Level-Biology-Spec.pdf
Course Outline:	<p>These qualifications are modular. The full International A-level is intended to be taken over two years. The specification content for the International AS is half that of an International A-level. The International AS can be taken as a stand-alone qualification or can be used to count towards the International A-level. Students can take the International AS in the first year and then take the International A2 in the second year to complete the International A-level or they can take all the units together in the same examination series at the end of the course.</p> <p>Candidates may re-sit a unit any number of times within the shelf-life of the specification. The best result for each unit will count towards the final qualification. Exams will be available in January and May/June.</p> <p>INTERNATIONAL AS AND A-LEVEL: Unit 1. The diversity of living organisms Unit 2. Biological systems and disease</p> <p>INTERNATIONAL A-LEVEL ONLY Unit 3. Populations and genes Unit 4. Control</p>
Assessment:	<p>The International AS content will be 50 % of the International A-level content. International AS assessments contribute 40 % of the total marks for the full International A-level qualification. The remaining 60 % comes from the International A2 assessments.</p> <p>There will be a practical element for both the AS and A Level.</p> <p>The exams will measure how students have achieved the following assessment objectives.</p> <p>AO1: Knowledge and understanding of scientific principles and concepts. AO2: Application of knowledge and understanding of scientific principles and concepts in both familiar and novel contexts. AO3: The ability to describe, analyse, interpret and evaluate scientific information presented in different forms. AO4: The ability to select, describe and evaluate scientific procedures.</p> <p>AS + A2 = A-level</p>
Possible Career Opportunities:	Science and research, sports and fitness, agriculture, engineering, police and emergencies, medicine and healthcare.
Required Qualifications / Qualities:	'A' equivalent at IGCSE. Independent learner, eagerness to do well, asks questions, problem solver. Can interpret data in graphical or tabulated form. Teamwork and communication organisational and time management skills.



Biology





AS/A Level	
Subject:	International Advanced Level Business
Course Title:	Pearson Edexcel International Advanced Subsidiary in Business (XBS11) Pearson Edexcel International Advanced Level in Business (YBS11)
Awarding Body:	Pearson Edexcel
Web Link to Specification:	https://qualifications.pearson.com/content/dam/pdf/International%20Advanced%20Level/Business/2018/Specification-and-Sample-Assessment/International-A-Level-Business-Spec.pdf
Course Outline:	<p>The International Advanced Subsidiary is the first half of the International Advanced Level qualification and consists of two IAS units, Units 1 and 2. This qualification may be awarded as a discrete qualification or may contribute 50 per cent towards the International Advanced Level qualification.</p> <p>Pearson Edexcel International Advanced Level in Business This qualification consists of four externally-examined units. The International Advanced Level units (Units 1 and 2) plus two IA2 units (Units 3 and 4). Students wishing to take the International Advanced Level must, therefore, complete all four units.</p>
Assessment:	<p>IAS Unit 1: Marketing and people. Externally assessed Written examination: 2 hours Availability: January, June and October First assessment: January 2019 80 marks 50% of the total IAS 25% of the total IAL.</p> <p>IAS Unit 2: Managing business activities. Externally assessed Written examination: 2 hours Availability: January, June and October First assessment: June 2019 80 marks 50% of the total IAS 25% of the total IAL.</p> <p>IA2 Unit 3: Business decisions and strategy. Externally assessed Written examination: 2 hours Availability: January, June and October First assessment: January 2020 80 marks 50% of the total IA2 25% of the total IAL.</p> <p>IA2 Unit 4: Global business. Externally assessed Written examination: 2 hours Availability: January, June and October First assessment: June 2020 80 marks 50% of the total IA2 25% of the total IAL.</p>
Possible Career Opportunities:	Career opportunities are endless with this subject. All careers have an element of Business in them, so this subject is essential. If you become a dentist / architect / lawyer, you may set up your own business, so an understanding of finance / marketing etc..is crucial.
Required Qualifications / Qualities:	Students must be proactive learners, enthusiastic to develop their knowledge and driven to succeed. Students will take part in challenges and must be willing to work both independently and also in effective teams. Students must be organised and willing to put in extra effort in order to achieve the highest results, which is what is expected from the Business & Economics Department.



AS/A Level	
Subject:	International A Level Information technology
Course Title:	Pearson Edexcel International Advanced Subsidiary in Information Technology (XIT11) Pearson Edexcel International Advanced Level in Information Technology (YIT11)
Awarding Body:	Pearson Edexcel
Web Link to Specification:	https://qualifications.pearson.com/content/dam/pdf/International%20Advanced%20Level/applied-ict/2016/specification-and-sample-assessments/IAL-Applied-ICT-Specification.pdf
Course Outline:	<p>The Pearson Edexcel International Advanced Subsidiary in Information Technology. This qualification consists of two externally-examined units. The International Advanced Subsidiary is the first half of the International Advanced Level qualification and consists of two IAS units: Unit 1 and Unit 2. This qualification may be awarded as a discrete qualification or may contribute 50 per cent to the International Advanced Level qualification.</p> <p>The Pearson Edexcel International Advanced Level in Information Technology This qualification consists of four externally-examined units. The International Advanced Level consists of the two IAS units (Unit 1 and Unit 2) plus two IA2 units: Units 3 and 4. Students wishing to take the International Advanced Level must, therefore, complete all four units.</p>
Assessment:	<p>IAS Unit 1— Externally assessed Written examination: 2 hours. 80 marks 50% of the total IAS 25% of the total IAL.</p> <p>IAS Unit 2— Externally assessed Written examination: 3 hours. 80 marks 50% of the total IAS 25% of the total IAL.</p> <p>IA2 Unit 3— Externally assessed Written examination: 2 hours. 80 marks 50% of the total IA2 25% of the total IAL.</p> <p>IA2 Unit 4— Externally assessed practical examination Written examination: 3 hours. 80 marks 50% of the total IA2 25% of the total IAL.</p> <p>Please refer to the specification for details on the unit topics.</p>
Possible Career Opportunities:	<p>Applications programmer Information systems manager Database administrator Information technology consultant Multimedia programmer</p>
Required Qualifications / Qualities:	<p>Grade B or higher in GCSE ICT. Organised students, good with meeting deadlines. Grade B or higher in GCSE English language/literature. Grade B or higher in GCSE Mathematics. Passion and keen interest in ICT and business. Creative thinker.</p>



AS / A Level Curriculum Options (Boys) for the academic years 2020-2022

Student's Name:

Class:



Compulsory Subjects	<p>Notes:</p> <ul style="list-style-type: none"> Compulsory subjects are mandatory for all students. Islamic Studies, Arabic, Moral Education and PE are non-AS / A Level Subjects. Subject pathways will be determined by the student's current performance. Options with not enough enrolments might not be offered.
1. Islamic Studies	
2. Moral Education	
4. PE	
5. Arabic	
Enrichment Opportunities	
6. IELTS	

If you are interested in studying another subject, currently not featured in the list, please advise below:

Subject Options	Please tick
Biology	<input type="checkbox"/>
Maths	<input type="checkbox"/>
Information Technology	<input type="checkbox"/>
Business	<input type="checkbox"/>

Student's Signature	Date



GEMS

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