



Options

GENERAL INFORMATION AND COURSE DETAILS FOR YEARS 10 & 11



Warwick Academy



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Foreword

Dear Parents and Students,

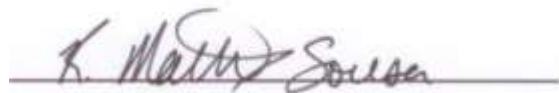
Welcome to our Year 10 and 11 course choice booklet. I hope that you will be able to read this booklet together and feel that you are able to plan the important choices that are available to you.

The choices that are open to each student depend upon his/her individual needs and skills. The options evening and advice from their Assistant/Head of Key Stage and teachers are all designed to help direct your son or daughter to the right courses for him/her.

There have been some changes to the I/GCSE examination system in the past few years. This booklet will provide you with information regarding the selection process and an overview of each course available. In addition to this booklet, you will receive more information at our options evening where representatives from each of the departments will be available to answer any further questions you may have.

There are 4 pathways to select in the 6th Form: IB Diploma, Individual Subjects and IB Career-related Programme Diploma and Dual Enrolment. You should be planning a pathway from age 14 to 18 when considering which subjects to select. If you have any questions regarding the option system or how the choices made will affect opportunities for studying the International Baccalaureate or college applications, please do not hesitate to contact me via email (rsousa@warwick.bm) or by calling 239 9468.

Yours sincerely,



Rebeka Matthews Sousa
Deputy Head: Curriculum
January 2025

Curriculum at Warwick Academy

The curriculum at Warwick Academy follows the UK National Curriculum and aims to provide a broad selection of subjects through Years 7, 8 and 9. This allows you to experience many subjects prior to having to make decisions on course choices both for I/GCSE and the International Baccalaureate/BTEC and make informed decisions about what subjects you are best suited to.

As you progress through the school you begin to refine and hone in on the subjects that interest you and that are required for your future career. Throughout this process help and advice is always available. Warwick Academy ensures that you always maintain a balanced selection of subjects to ensure that opportunities are kept open and you have the flexibility to pursue whatever career and college plans you desire, even if your ideas change as you move through the school.

What you choose for the next 2 years is an important decision and will have some impact on the subjects you can choose for the Higher Level at the International Baccalaureate. However, do not panic, as change is still possible before you enter Year 12 and your choices at I/GCSE do not restrict your options for Standard Level subjects at the International Baccalaureate or BTEC courses.

Choosing Subjects

When choosing subjects you should consider the following:

- ◆ What subjects you would like to do?
- ◆ What subjects you can do successfully?
- ◆ What subjects you may be thinking of studying at Higher Level International Baccalaureate?
- ◆ What subjects you ought to do because they might be necessary for your future career?

You will have to be realistic about your abilities. Ask yourself the question - "Am I going to be able to get the grades?" If the answer is "No!" or "I am not sure!" or you are someone who just does not have any fixed careers ideas yet - do not worry! Advice and guidance is always available to help you make the right choices for you.

Do....

- ◆ Ask for advice from people who know you.
- ◆ Talk your choices over with your parents, subject teachers, Homeroom teacher, Assistant/Head of Key Stage and Guidance Counsellors.
- ◆ Review your subject grades from Year 9.
- ◆ Make an informed choice.

Don't....

- ◆ Take a subject just because you like the teacher - it is the subject that is important.
- ◆ Choose a subject just because your best friend has chosen it - your best friend may be good at it and you will not necessarily be in the same class.

The key to making the right choices is to **ask, listen and take advice.**

General Information

Duration of Courses

The I/GCSE course is a two-year course, i.e. Years 10 and 11. You cannot change at the end of Year 10. In a few instances you may make a change in the first few weeks of the first term in Year 10.

I/GCSE

At I/GCSE, two awarding bodies, Cambridge International Examinations and Edexcel, administer the examinations. Each subject department has chosen the examination board it considers best suitable for its subject and preparation for Sixth Form. The I/GCSE is an excellent preparation for continuing on to study the International Baccalaureate and BTEC in Years 12 and 13.

GCSE Reforms

You may be aware that the GCSE exam system is being reformed which will mean that some students will study a variety of differently examined GCSE's. The subjects which are yet to be reformed and they will be assessed using the "traditional" grades (A*, A, B, C, etc.). Other subjects have adopted the new syllabus and will be graded on a scale of 1 – 9 where 9 is the very best.

You will be hearing more about how we will assess these new GCSE's throughout Year 10 and Year 11 at the start of next year. Do not be concerned about these reforms as universities understand the new grading scales.

CURRENT	NEW INTERNATIONAL GCSE	
A*	9	
A	8	
B	7	
C	6	
D	5	GOOD PASS 5 and above = top of C and above
E	4	AWARDING 4 and above = bottom of C and above
F	3	
G	2	
U	1	
U	U	

Coursework / Controlled Assessment

Coursework (that is, work undertaken at home and in school during Years 10 and 11) and controlled assessment plays an important part in assessment at I/GCSE. Almost every subject is partially assessed through coursework or controlled assessment and you must treat this work seriously. There will be deadlines set by the examination boards, which must be met throughout the two years. Failure to meet these deadlines will result in a lower final grade or even no final grade.

Subject Combinations

Warwick Academy expects you to take some compulsory subjects. With the subjects you can choose you should aim to create a balanced curriculum that works to your strengths and future career needs. To ensure that you select a balanced group of choices Warwick Academy also requires you to pick a science, an individuals and societies and continue with a modern foreign language. Generally, students will sit exams in 9 I/GCSEs.

Main Subjects	Specialists' 5 th Option
<ul style="list-style-type: none"> • English (Literature and Language) • Maths • French or Spanish (selected in Y8) • Global Citizenship • Science (select at least 1) • Individuals and Societies (select at least 1) • 2 Optional GCSE Subjects (see list below) 	<p>Students select 1 option from the following</p> <ul style="list-style-type: none"> • Specialist (Performance) Music & General PE • Third Science • Dual Languages & General PE • Skills & General PE • High Performance Sport (Strength & Conditioning) (can be in combination with the above, except Third Science option)

Optional Subjects

Students must pick at **least one** from the first column (Sciences) and **least one** from the second column (Individuals and Societies). The subjects in the third column are optional subjects. Students select additional 2 subjects from any one of the three columns. Students may only select one (1) practical subject (P).

Sciences

Biology
Chemistry
Physics

Individuals and Societies

Business Studies
Economics
Geography
History

Optional Subjects

Art (P)
Computer Science
Design & Technology (P)
Drama
Food & Nutrition (P)
ICT
Music
Physical Education (GCSE PE) (P)

Suggestions

It is highly recommended that students take at least two sciences: one of Biology, Chemistry, Physics and one of Biology, Chemistry, Physics, Computer science, or Design & Technology.

In the presentation, possible combinations of subject choices are provided in flow charts. **Some examples include selecting: two Sciences and two Individuals & Societies or one Science, two Individuals & Societies and one Optional Subject or one Science, one Individuals & Societies and two Optional subjects.**

Limitations

Whilst every effort is made to ensure you get the choices you would like the limitations of staffing and group sizes may not always make it possible. Practical subjects such as Art, Design & Technology and Food & Nutrition have limited group sizes (16) due to their nature. Drama and PE are restricted to 20 students. All other subjects have a maximum group size of 24 to ensure that you receive the highest quality of teaching and delivery in each subject that Warwick Academy offers. We hope students will make wise choices in the need for a balanced curriculum but there may be some case where the school must make the final decision on educational grounds.

Secondary Pathways

KS3

English
Maths
French/Spanish
Science: Biochemistry &
Physical Science &
Robotics
PE
Music
Drama
Computing
Practical Arts: D&T, F&N,
Art (2 chosen at Y9)
Entrepreneurship
Citizenship & Reading or
Performance Music



I/GCSE (KS4)

English (Literature and
Language)
Maths
French or Spanish
(selected in Y8)
Global Citizenship
Individuals and Societies
(min. 1)
Science (min. 1)
+ 2 option subjects
+1 Specialist option



SIXTH FORM (Pathways)

- IB CP Diploma
- 1 BTEC subject + IB subjects + CORE
- IB Diploma
- 6 IB subjects (3 HL, 3 SL) + CORE
- IB Individual Certificate (5-6 IB subjects or 1-2 BTEC subjects + IB subjects)
- Dual Enrollment with Bermuda College (3 IB subjects)

Specialist Programmes

In addition to the above courses, students can opt for specialised programmes:

Specialists' 5 th Option	
Students select 1 option from the following	
<ul style="list-style-type: none"> Specialist (Performance) Music & General PE Third Science Dual Languages & General PE Skills & General PE High Performance Sport (Strength & Conditioning) (can be in combination with the above, except Third Science option) 	

IB & BTEC Subjects *(These are ones available for students entering Sixth Form in 2025)*

Group 1 Language A: Literature			Group 2 Language B			Group 3 Individuals and Societies			Group 4 Sciences			Group 5 Mathematics			Group 6 Arts or Electives			IBCP BTEC	
SL	HL		SL	HL		SL	HL		SL	HL		SL	HL		SL	HL			
English Literature			French			Business Management			Biology			Analysis			Film or Theatre			Hospitality	
English Lang & Lit			French ab initio			Economics			Chemistry			Applications			Music			Sport	
			Spanish			Geography			Computer Science						Visual Arts			Business Enterprise	
			Spanish ab initio			History			Design Technology									ICT	
						Psychology			Environmental Systems										
									Physics										

Subject Choice Forms

Please complete the option form after talking to your subject teachers. Forms will be available from Wed. 5th February – Wed. 19th February, 2025. <https://forms.office.com/r/BRbt7DEGU0>

Subject Information (alphabetically)

Art and Design (Edexcel GCSE)

GCSE Art and Design at Warwick Academy is a two year course. Students build on artistic skills learned in Years 7, 8, and 9, by developing assignments that relate to assessment objectives and standards of the GCSE Art and Design assessment.



Each student will develop preparatory work and record visual and media research in a workbook, which will be kept for the duration of the two year course. Students are expected to record observations of development and concepts by annotating work consistently for each assignment. Work is required in class and at home on an ongoing basis in the workbook and also when developing final artworks.

Students will undertake a variety of assignments that should provide a range of media to choose from when selecting an approach for their final exam in Year 11. The GCSE Art and Design course encourages variety of media as one of the expectations of the visiting moderator's assessment.

At the end of Year 10, students will undertake a two day (10 hours) end of year exam to prepare them for the mock exam and final in Year 11. In Year 11, students will undertake a mock exam (10 hour) in January and GCSE exam (10 hour) at the end of March, prior to study leave.

Assessment

- Unit 1 (Weighted 60%): Personal Portfolio in Art and Design
Internally set and marked; moderated by a visiting examiner. This is work that is developed during the two-year course and encompasses preparatory developments in the student workbook, as well as completed artworks.
- Unit 2 (Weighted 40%): Externally Set Assignments
Externally set theme which is internally marked and moderated by a visiting examiner. Students prepare for this during six weeks of regularly scheduled lessons in advance of a two-day exam (10 hours).

Possible Career Paths:

Design, Architecture, Advertising, Graphic design, Industrial design, Interior design, Animation, Photography, Video production, Web design, Fashion, Fashion design, Fashion marketing, Fashion merchandising, Museum curator, Jewellery design, Art history, Furniture design, Illustration and Gallery curator, Art Education.

Biology (Edexcel IGCSE)

The IGCSE Biology course revisits the basic topics covered in Years 7 - 9. This work will provide the foundations for some of the topics in the IGCSE course such as: Plant Nutrition, Animal Nutrition as well as Respiration and Breathing.



The IGCSE Biology course will cover other areas such as cells, transport in humans and plants, coordination in plants and animals, reproduction in humans and flowering plants, genetics, ecology, human impact on the environment and biotechnology. Students will have unit tests, end of year tests and mock examinations to assess skills such as knowledge, understanding, application, data analysis and evaluation amongst others.

[Edexcel International GCSE Biology \(2017\) | Pearson qualifications](#)

For students to be successful they must develop critical thinking skills and be able to give concise yet detailed explanations when answering questions; the application of knowledge to novel situations is very important. They must also develop the ability to design practical exercises and be able to analyse results and draw valid conclusions.

The course offers a variety of learning experiences, ranging from traditional question and answer sessions with notes, worksheets, practical exercises, and exercises designed to develop critical thinking skills. Homework is set as needed (no more than once per week per subject) and may include the write-up of practical exercises, completing notes or diagrams, or answering worksheets, working on projects or producing presentations.

The exam will cover a mixture of different question styles, including multiple-choice questions, short-answer questions, calculations and extended open-response questions.

Assessment

Assessment is with two written papers:

- ◆ **Paper 1 exam (Weighted 61.1%):** this is a 2 hour paper that assesses core content that is **not** in bold and does not have a 'B' reference on the syllabus from topic areas 1-5.
- ◆ **Paper 2 exam (Weighted 38.9%):** this is a 1 hour 15min paper that assesses **all the content**, including content that is in bold and has a 'B' reference.

Possible Career Paths:

Biology graduates may look at these areas as possible career paths: Research and Development, Medicine, Veterinarian, Forensics, Psychology, Education, Botany, Entomology, Nursing, Computational Biology, Data Research, Sports and Physiotherapy.

Business Studies (Cambridge IGCSE)

The IGCSE Business Studies syllabus develops students understanding of business activity in the public and private sectors, and the importance of innovation and change. Business students find out how the major types of business organisation are established, financed and run, and how their activities are regulated. Factors influencing business decision-making are also considered, as are the essential values of cooperation and interdependence. Students not only study business concepts and techniques but also enhance related skills such as numeracy and enquiry. The syllabus provides both a foundation for further study at International Baccalaureate and an ideal preparation for the world of work.



It is unlikely that you will have studied business in depth before taking this course, but that doesn't matter. You might have an interest in business, and want to start your own business one day. It is a particularly relevant course for Bermuda's economic environment and there are career opportunities in business related fields in Bermuda.

You will be supplied with textbooks and frequent access to interactive resources on the school's VLE. Computer software is now available and you will be encouraged to use it when appropriate to the course. You should familiarise yourself with the business section of the newspaper and try to watch business programmes on television.

Assessment

- ◆ **Paper 1 exam (Weighted 50%):** Short-answer questions and structured/data response questions.
- ◆ **Paper 2 exam (Weighted 50%):** Questions arising from a given case-study (not pre-released).

Possible Career Paths

Many students go on to college or university to take business courses. This IGCSE would provide an ideal introduction into the world of business. There are many career opportunities in business in Bermuda including exempt companies, banking, insurance, hotels and tourism, retailing and construction.

Chemistry (Edexcel IGCSE)

Chemistry occupies a central place among the scientific disciplines and makes an essential contribution to society. It is a relevant and developing science and in progressing through the course, students will become aware of how chemical knowledge and industry have influenced human life. Chemistry is recognised as a course requiring both intellectual demand and the development of life skills. Universities, Colleges and employers recognise the worth of successful examination results in Chemistry and these are looked favourably upon during application processes.



The topics covered are: Principles of Chemistry, Inorganic Chemistry, Physical Chemistry and Organic Chemistry

Further details may be found on the Examination board Web site:
[Edexcel International GCSE Chemistry \(2017\) | Pearson qualifications](#)

Students will develop an understanding of the unifying patterns and themes of chemistry, and experimental and investigative skills based on correct and safe laboratory techniques. They'll gain an appreciation of scientific methods and learn to form hypotheses and design experiments to test them.

Assessment

The course is assessed through two exam papers consisting of a range of compulsory, short-answer structured questions. Students may be required to perform calculations, draw graphs and describe, explain and interpret chemical phenomena. Some of the question content will be unfamiliar to students; these questions are designed to assess data-handling skills and the ability to apply chemical principles to unfamiliar situations.

- ◆ **Paper 1 exam (Weighted 61.1%):** this is a 2 hour paper that assesses core content that is **not** in bold and does not have a 'B' reference on the syllabus from topic areas 1-4.
- ◆ **Paper 2 exam (Weighted 38.9%):** this is a 1 hour 15min paper that assesses **all the content**, including content that is in bold and has a 'B' reference.

Possible Career Paths

Chemistry is a requirement for all students wishing to pursue a career in Medical, Veterinary and Pharmaceutical fields. It supports all aspects of Biological Sciences, for example Marine Biology, and is used in conjunction with many other school disciplines. Many jobs in Industry rely on a chemical background, including engineering, food industry, cosmetics and product design.

Computer Science (Cambridge IGCSE)

The Cambridge IGCSE Computer Science course helps learners develop an interest in computational thinking and an understanding of the principles of problem-solving using computers. Students apply this understanding to create computer-based solutions to problems using algorithms and a high-level programming language. Learners also develop a range of technical skills, and the ability to effectively test and evaluate computing solutions.



Studying Cambridge IGCSE Computer Science helps learners appreciate current and emerging computing technologies, the benefits of their use and recognise their potential risks. It provides an ideal foundation for progression to IB Computer Science and is valuable for other areas of study and everyday life.

Topics candidates will study:

Computer systems

1 Data representation

2 Data transmission

3 Hardware

4 Software

5 The internet and its uses

6 Automated and emerging technologies

Algorithms, programming and logic

7 Algorithm design and problem-solving

8 Programming

9 Databases

10 Boolean logic

Assessment

- **Component 1: Computer Systems (Weighted 50%):** This question paper consists of short-answer and structured questions set on Topics 1–6 of the subject content.
- ◆ **Component 2: Algorithms, Programming and Logic (Weighted 50%):** This question paper consists of short-answer and structured questions, and a scenario-based question. Questions will be based on Topics 7–10 of the subject content

Possible Career Paths

Computer Science is permeating many aspects of daily life and data, software, and the Internet are being integrated into businesses and products. The knowledge and skills learned from studying computer science prepare students for careers in a variety of sectors: Engineering, Manufacturing, Modelling, Forecasting, Software Designer, Hardware Designer, Network Administration and Web design.

Design & Technology (Cambridge IGCSE)

The IGCSE Design & Technology course follows the University of Cambridge (UCLES) syllabus 0445. It aims to develop knowledge and skills through a large body of theory content and a design & make project.

The design element should not be overlooked, and successful students should have an ability to recognise problems and be prepared to independently develop products to solve them. This will be done using a variety of materials and manufacturing processes and may include elements of working with wood, plastic, metals, electronics, and mechanics as well as CAD (Computer Aided Design) and CAM (Computer Aided Manufacture).



Lessons will focus on learning the theory behind tools, machines and workshop processes. Any practical is designed to build on theoretical knowledge introduced to the pupils during lesson time.

The major piece of externally assessed IGCSE Coursework begins in the last term of year 10 and is largely a pupil's own choice project subject to approval by teaching staff. The coursework is an important part of the course; therefore it is vital that the student picks something they will enjoy designing as there is a lot of research, planning, and design work that goes into the folder.

The course will suit those students who enjoy producing **interesting** and **high quality** work. It is not the 'easy option' or simply 'woodwork' but is a course which will develop thinking skills, analysing, researching, independence, designing and organisational skills. It challenges the pupil to be creative and imaginative in their approach to designing and developing a product.

Assessment

- ◆ **Paper 1 (Weighted 25%):** Designing
- ◆ **Paper 2 (Weighted 25%):** Resistant Materials
- ◆ **Coursework (Weighted 50%)**

Possible Career Paths

It is particularly suited to those considering careers in the applied arts and design related fields. These might include; furniture design, product design, architecture, mechanics, engineering, jewelry design, teaching, product sales, interior design, green product development, interior design, product research, construction and carpentry.

Drama (Cambridge IGCSE)

Drama (Cambridge Examination Board) is available to all students in Year 10. It should be noted it is a subject that requires a great deal from those who have made the option choice, in terms of commitment, personal organizational skills and an ability to work with others within the confines of a team. It is not a subject that students should consider as an 'easy' option and they should be committed to putting in extra time and effort outside of the classroom.

The overall aim of Drama within the Warwick Academy curriculum is to:

- Develop communication skills in terms of confidence and personal expression.
- Develop imagination and an understanding of culture and the Arts on a general basis.
- Develop students' capacity to work both on an independent basis and within a team.
- To develop an understanding through role-play of both the community in which they live and society as a whole.
- To develop analytical skills, in relation to challenges set during practical tasks.



The course itself is broken into a series of modules and is assessed through both practical and written work.

Practical Assessment (Weighted 60%):

Over the 2 year course, students will produce:

- A 15-20 minute self-devised group production, in response to a stimulus given by the teacher. Students choose the theme and genre.
- A 15-20 minute professionally scripted group performance in which the students are encouraged to bring their own personal interpretation to the work.
- A 2-3 minute monologue piece taken from a professionally scripted play.

Written Assessment (Weighted 40%):

This will take the form of a written examination in the summer term of Year 11. Students will be required to write with a thorough knowledge and understanding of theatrical terminology. They will answer questions relating to:

- Two extracts from published plays set by the Cambridge Examination Board. Students will have studied the extracts in advance and will have had class time to explore them as practical theatre, investigating performing and staging opportunities.
- A devised piece that candidates will have developed, prepared and performed in advance. This may or may not be the self-devised group production used in the practical assessment. Students will discuss their own experiences and evaluate their own work.

Possible Career Path

Actor, director, teacher, writer/journalist, customer service, business manager, lawyer, drama therapist, theatre technician, community arts worker, broadcaster/presenter, event planning and many many more. Any career that relies on good teamwork, communication and public speaking will benefit from drama.

Economics (Cambridge IGCSE)

IGCSE Economics is a social science that attempts to explain how the actions and decisions of businesses, consumers, workers and governments affect the operation of the economy. It plays a huge role in our daily lives; it has links to international affairs and politics and is a subject that is often debated and discussed. It requires a fair deal of analysis and includes topics such as supply and demand, economic growth, inflation, globalisation and exchange rates.



Cambridge IGCSE Economics is an ideal foundation for further study at IB Economics, and the skills learnt can also be used in other areas of study and in everyday life.

Good analytical and maths skills are essential in this subject. Students considering Economics should be on track to reach a minimum grade B in Mathematics by the end of Y9.

Assessment:

Paper 1 – Multiple Choice (Weighted 30%)

- ◆ Candidates answer 30 multiple-choice questions based on all six sections of the syllabus content. Questions might include calculations.

Paper 2 – Structured Questions (Weighted 70%)

- ◆ Candidates answer one compulsory question in Section A and three questions from a choice of four in Section B.

Possible Career Paths

Accountancy, Banking, Investment Banking, Insurance Underwriting, Trading, Distribution and Logistics Management, Marketing Executive, Personnel Officer, Public Relations Officer, Retail Management and Sales.

English Language (Cambridge IGCSE)

The First Language English syllabus will develop students' ability to communicate accurately, appropriately and effectively in their writing. Students will be encouraged to use effective vocabulary, to employ correct grammar, spelling and punctuation, and to develop a sense of style and audience.



All students at Warwick Academy are entered early for Cambridge's IGCSE English Language examination, in the **October of Year 11**.

The syllabus will help students to understand and respond appropriately and critically to what they read. In addition, it will develop general skills such as the ability to analyse, synthesise, make inferences, order facts and present opinions.

Assessment

- ◆ **Paper 1 (Weighted 50%):** Two hour written paper. Students read three (previously unseen) texts and respond to them with both short and extended written answers.
- ◆ **Paper 2 (Weighted 50%):** Two hour written paper. Students read a previously unseen text and respond to it with an extended written answer. Students then choose one creative writing prompt and produce either a narrative or a descriptive piece of writing.

Possible Career Paths

Clear communication and thoughtful analysis are essential life skills and part of all careers. A few specific career areas one could pursue after further studies in English Literature, Writing or Journalism include: publishing, writing, marketing, education, journalism, law and business.

Literature in English (Cambridge IGCSE)

Through the study of literature, students are encouraged to read, interpret and evaluate literary texts. They will develop an understanding of texts in terms of literal meaning, relevant contexts and deeper themes or attitudes. They will learn to recognise and appreciate the ways in which writers use language to achieve their effects, and to communicate an informed personal response. The study of literature allows students to explore areas of universal human concern, thus leading to a greater understanding of themselves and others.



All students at Warwick Academy are entered for Cambridge's IGCSE English Literature examination in Year 11.

Assessment

- ◆ **Poetry and Prose Paper (Weighted 50%):** written examination (1 hour 30 minutes). Students answer one essay question on the collection of poems studied and one essay question on the prose text studied. The students are not able to take copies of the texts into the exam with them.
- ◆ **Drama Paper (Weighted 25%):** written examination (45 minutes). Students answer one essay question on the play studied. Students have the advantage of having a (clean) copy of the play in the exam with them.
- ◆ **Unseen Paper (Weighted 25%):** written examination (1 hour 15 minutes). Students have a choice of two questions and write a critical commentary on one: prose or poetry. They will not study either the poem or prose before the examination but will practise past papers to develop the necessary analytical skills.

Possible Career Paths

Clear communication and thoughtful analysis are essential life skills and part of all careers. A few specific career areas one could pursue after further studies in English Literature, Writing or Journalism include: publishing, writing, marketing, education, journalism, law and business.

Food & Nutrition (Cambridge IGCSE)

The Cambridge IGCSE Food and Nutrition covers a wide range of topics including:

- Diet and Nutrition and nutrition related problems.
- Dietary guidelines and factors affecting food requirements.
- Planning, presenting and serving of meals for all ages and diets.
- Composition and value of the main foods in the diet.
- Food spoilage, preservation and hygiene in the handling and storage.
- Traditional methods of cooking and the principles involved.
- Kitchen planning, equipment choice and safety.



Delivery

During Year 10 and 11, as well as studying the range of topics above, we will be focusing on building up students' practical ability, preparing and cooking a selection of foods including:

- Main meals chili con carne, chicken enchiladas, curries, pasta.
- Biscuits, scones and cakes made by all five methods of cake making.
- Pastries – short crust, rough-puff/flaky, filo and choux.
- Local and seasonal dishes.
- Sauces - pouring and coating; roux and blended methods.
- Batters - thin (pouring) and coating, pancakes, Yorkshire puddings.
- Dough's made with yeast – bread rolls, pizza, calzone, hot cross buns.

Assessment

- ◆ **Written Examination (Weighted 50%):** Students have a written examination where they will be asked to answer short-answer questions, structured questions and open-ended essay questions based on the theory above.
- ◆ **Practical Examination (Weighted 50%):** Students have a planning session of 1 ½ hours one week before the practical examination of 2 ½ hours. At the start of the planning session students are given their allocated test question and three preparation sheets to complete which they will then use in their practical exam. The practical exam is marked on the preparation session, method, the quality of dishes, serving and appearance.

Possible Career Paths

There are many career opportunities in Bermuda for the Food and Hospitality industry, so this course will give you an excellent foundation for BTEC Hospitality. Potential career opportunities include Dietician, Chef, Restaurant Manager, Food Scientist/Technologist, Food Writer/Author, Restaurant Critic, Food Retailer, Teacher, Personal Trainer and much more.

Geography (Cambridge IGCSE)

Geography has a major role to play in framing and answering key environmental, economic, social and political questions. Geography is the study of how physical and human processes interact and shape the world. The course topics include:



- ◆ Population and Settlement
- ◆ Natural Environment
- ◆ Economic Development
- ◆ Geographical Skills
- ◆ Coursework of Geographical Investigation

If you are a hard-working student, you will have no problem coping with the course content. As all students already study Geography, this course will build on the knowledge and skills from Years 7, 8 and 9.

You will be supplied with textbooks and work will be done in an exercise book. Computer software is available and you will be encouraged to use it when appropriate to the course.

Studying Geography is interesting and fun. You will learn about different peoples and places. You will develop the skills that will help you recognise and make sense of the patterns, distributions, and interactions between living things and their environment.

Assessment

- ◆ **Paper 1 (Weighted 45%):** 1 hour and 45 minutes. Students will answer questions on Population and Settlement, the Natural Environment and Economic Development.
- ◆ **Paper 2 (Weighted 27.5%):** 1 hour and 30 minutes on Geographical Skills.
- ◆ **Paper 3 (Weighted 27.5%):** Coursework – geographical investigation.

Possible Career Paths

Geography is a flexible subject and it balances well with other disciplines. The knowledge and skills learnt through Geography like research, analysing information, teamwork, presentation and IT skills are useful for any course taken at college or university or any career.

Careers for those with advanced degrees in Geography include planning for government or private practice (land use, regional planning, parks, nature conservancy), surveying, cartography and G.I.S. mapping, landscape architecture, management, finance, retail, media and education.

Global Citizenship (Edexcel IGCSE)

The IGCSE Global Citizenship the curriculum is engaging and relevant and widens students' knowledge of contemporary issues. It encourages them to reflect on what makes them a 'global citizen', and how their learning will develop their skills and knowledge within their local and national communities. Through the content studied and assessment, students will engage in responding to issues and take part in the community action project, which allows them to engage with global society. This will enable them to take greater ownership and responsibility of the community activity to demonstrate active citizenship – improving others' societies as well as their own.



Key Areas of Study will include:

- ◆ Citizenship Community Action Project
- ◆ Politics and Governance
- ◆ Economic Development and the Environment
- ◆ Culture and Community
- ◆ Technology

Assessment

- ◆ **One written exam:** 2 hours and 30 minutes. Short-answer questions and source questions.

Possible Career Paths

Students may wish to go on to college and university to study International Relations, Global Politics, Government, Anthropology, Social Studies or other humanities related courses.

History (Edexcel IGCSE)

The study of History from an international perspective is increasingly important today in Bermuda. In the contemporary context, one of globalisation and technological development, different cultures and societies are increasingly in contact and interdependent. Now, more than ever, there is a need for an understanding of the present as well as the past.



Pearson Edexcel IGCSE:

Students sit two exams which are both 1 ½ hours in length and are worth 50% each.

Paper 1: Depth Studies

Students will study two depth studies:

- **Germany: development of dictatorship, 1918–45**
- **A world divided: superpower relations, 1943–72**

Assessment overview – exam

Students answer two questions, one on each of the depth studies they have studied.

Paper 2: Investigation and Breadth Studies

Students will study one historical investigation:

- **The Vietnam Conflict, 1945–75**

Students will study one breadth study:

- **Changes in medicine, c1848–c1948**

Assessment overview – exam

Students answer two questions, one question on the historical investigation topic and one question on the breadth study topic.

Possible Career Paths

Due to its in-depth approach towards the analytical nature of human behaviour in an international context, History lends itself to any person and any profession with an intellectual and comprehensive approach to problem solving. Possible careers include law, medicine, law enforcement, investments (especially commodity trading and futures trading), reinsurance, banking and personnel management.

Information Communication Technology (Cambridge IGCSE)

IGCSE ICT is an ideal preparation for a technological world in which ICT touches every part of our daily lives. The course will develop your practical ICT skills and extend your knowledge and understanding of ICT systems. The course is based on practical work and problem solving and will involve you in developing real life ICT systems. In addition to the practical element you will be introduced to a theory component.

You will gain an insight into how computer systems work, computer networking, programming, communications and the Internet. You will consider the issues that are facing people as a result of the ever-expanding use of ICT systems and the Internet.



ICT will be of benefit to you if you are looking for a subject that is relevant to the world you live in. It will enable you to develop the practical skills that will be of immediate value in your other I/GCSE subjects, whilst studying the International Baccalaureate and finally when you enter the work force.

Key Software:

- ◆ Word processing
- ◆ Databases
- ◆ Spreadsheets
- ◆ Desktop publishing
- ◆ Communications software
- ◆ Website Design
- ◆ Presentation skills

Assessment

- ◆ **Written examination (Weighted 40%)**
- ◆ **Two practical examinations (Weighted 60%)**

Possible Career Paths

In today's world ICT is everywhere and the IGCSE ICT course prepares students in the skills needed for almost any career path they choose to follow. ICT skills are required in a rapidly growing number of professions such as retail, teaching, financial services, health care, entertainment and in all areas of the business world.

Mathematics (Edexcel IGCSE)

Mathematics is a compulsory subject at Warwick Academy. However, within the subject there are two possible routes to follow. At the end of Y9 students will be placed in either the foundation or higher Mathematics course. Students following the higher course may score up to a level 9 grade while those following the foundation course may only score up to a level 5 grade; these grades are based upon the difficulty level of the work studied.



Topics covered include

- ◆ Quadratic equations and expressions
- ◆ Transformations
- ◆ Trigonometry
- ◆ Measurement of shapes
- ◆ Probability
- ◆ Vectors
- ◆ Graphs of functions
- ◆ Statistics
- ◆ Inequalities
- ◆ Introductory Calculus: Differentiation

The approach in the extended course is more rigorous and the applications of the knowledge more extensive.

The majority of students are encouraged to initially embark upon the higher course although some may later opt to sit the foundation examination.

Assessment

- ◆ **Paper 1 (Weighted 50%):** 2 hours.
- ◆ **Paper 2 (Weighted 50%):** 2 hours.

Possible Career Paths

Due to its logical approach and analytical nature, Mathematics is ideal preparation for a plethora of careers including architects, statisticians, stockbrokers, computer programmers, teachers, air traffic controllers, cryptographers, actuaries, accountants and a variety of other vocations.

Modern Foreign Languages (Edexcel GCSE & IGCSE)

Studying another language is challenging and rewarding, and ideal preparation for living in a global society. At Warwick Academy pupils learn through speaking and listening practice, use of authentic texts, language games, IT, and course material.

The emphasis throughout is on learning about other cultures and on the four language skills of listening, speaking, reading and writing; these are firmly underpinned with foundation and intermediate grammar and regular assessment. Pupils' language skills will be improved through a variety of interactive activities including role-play, oral activities, comprehension work, writing and listening tasks.



Course Content

The Edexcel GCSE French and IGCSE Spanish courses expand on the language structures, skills, contexts and vocabulary covered with the UK National Curriculum in Key Stage 3.

Topics covered include: Self, Family and Friends, Education and Work, Technology and Media, Travel and Tourism, Leisure Activities and Health and The Local Area and Environmental issues.

Assessment

There are four components in the final exams: Listening, Speaking, Reading and Writing.

- ◆ For the listening exam, students listen and respond to several short extracts.
- ◆ For the speaking exam, students complete an interactive task and have follow up questions based on the main IGCSE topic areas covered.
- ◆ The reading and writing exam comprises comprehension and writing tasks.

Further information can be found at:

<https://qualifications.pearson.com/en/qualifications/edexcel-international-gcses-and-edexcel-certificates/international-gcse-spanish-2017.html>

Possible Career Paths

Being able to communicate in a foreign language is an advantage in most employment fields. Someday you may travel to, live, or study in one of the many countries all over the world where French and Spanish are spoken. Possible career choices are: journalism, finance, law, education, writing, employee in the shipping industry, publishing, working as a librarian, diplomatic service, interpreting and translating, engineering, hospitality and tourism and indeed any job that requires expressive communication.

Music (Cambridge IGCSE)

The Cambridge GCSE in Music is designed to allow the study of music through the integration of performing, composing, listening and appraising with opportunities to use music technology. It acknowledges the cultural diversity of today through its areas of study, which cover a wide range of music: Western classical music, world music and popular music in context. The flexible nature of the course allows students to capitalise on their different interests.



Assessment

- ◆ **Unit 1 (Weighted 40%):** Listening - Externally assessed exam paper (one hour 15 mins written paper).
- ◆ **Unit 2 (Weighted 30%):** Performance - Internally assessed on one solo performance and one ensemble performance.
- ◆ **Unit 3 (Weighted 30%):** Composition - Internally assessed on two compositions.

Possible Career Paths

This course provides a solid foundation for the International Baccalaureate Diploma Programme. Skills acquired through taking this course can help prepare candidates for careers in the music industry, publishing, entertainment and teaching, or any job which involves communication and expressive skills.

Physical Education (Cambridge IGCSE)

If students are athletic and/or have an interest in a career involving anatomy and physiology, health, fitness and training, skill acquisition and psychology or social, cultural and ethical influences, then this course would be great for them. Please note, this is one of the most demanding courses in the school and only those with the highest work rates, both academically and practically should consider.



Students are expected to train and participate on school teams in the sports they have chosen wherever possible and take part in outside clubs where possible too. Their teacher will help them get started, but sometimes we are not able to offer their chosen sports, so discipline, parental support and an organised plan are vital to their success. Off-site activities will need to be recorded to support grading. Please note it is recommended that a minimum of 12 hours be given to each sport, but to get the higher grades they often will need to offer far more than that.

Due to the weighting of this course's marks, **(50% theory, 50% practical)** candidates need a high level of fitness and skill as well as a very good understanding of the topics covered to get a good passing grade or higher.

Assessment

Practical

Students must undertake **four** physical activities from at least **two** of the **seven categories** which include:

Games: Association football, badminton, baseball, basketball, cricket, golf, handball, hockey, lacrosse, netball, rounders, rowing, rugby, softball, squash, table tennis, tennis and volleyball.

Gymnastics Activities: Artistic (floor and vault), rhythmical or individual figure skating.

Dance Activities: Dance

Athletic Activities: Cross-Country, cycling, rowing, sculling, track and field, weight training and fitness

Outdoor and Adventurous Activities: Canoeing, hill walking or orienteering, horse riding, mountain biking, rock climbing, sailing, skiing or snowboarding and windsurfing

Swimming: Competitive swimming, lifesaving or personal survival

Combat Activities: Judo or taekwondo

Please note students can only choose from the sports on the list.

This subject really helps serious athletes get focused on what is expected from them at collegiate or higher levels. Students will be graded in each chosen sport, either **video footage** will be sent abroad for moderating or a **visiting moderator** will attend our school.

Theory

Theory lessons take place at least twice a week, but even while performing, each student will be challenged to show their understanding of the topics covered in class. They will be supplied with own textbook to support their studies and it must be brought to each lesson. Computer software will also be used at times during class time. All written work should be recorded in a binder or notebook depending on teacher's preference.

Theory is also linked to performance and will challenge and stretch their understanding and knowledge surrounding Physical Education. Too often younger students think they are better than they really are, or do not truly understand the effort and commitment necessary to find success at higher levels. They certainly will at the conclusion of this course which also allows for a seamless transition into **BTEC** should they opt to follow that route in Y12.

Written Paper (Weighted as 50%): The examination assesses candidates' knowledge and understanding in relation to the syllabus content. Candidates are required to demonstrate skills and description, interpretation and evaluation. The question paper uses a mix of short answer and structured questions.

Physics (Edexcel IGCSE)

Physics is primarily the study of how things work. It also attempts to solve the more difficult questions, like how did the universe start? What are we made of? What is a black hole? Is time travel possible? If you have an enquiring mind, always asking why things happen, then Physics will help you find the answers. It forms the basis of all modern technologies and holds the future to global developments.



In Year 10 and Year 11 they will study forces and motion, electricity, waves, energy resources and energy transfer, solids, liquids and gases, magnetism and electromagnetism, radioactivity and particles and astrophysics. The syllabus will be completed by March of Year 11 to give time for a comprehensive period of review and preparation for the final examination. Further information can be found at:

<https://qualifications.pearson.com/en/qualifications/edexcel-international-gcses/international-gcse-physics-2017.html>

There is plenty of academic support and a variety of technically challenging experiments. Classes tend to foster a professional working environment that encourages problem solving and individual creativity. Physics is a technical subject that develops a variety of useful cognitive and psychomotor skills invaluable for careers in the 21st century.

Assessment

The course is assessed through two exam papers consisting of a range of compulsory, short-answer structured questions. Students may be required to perform calculations, draw graphs and describe, explain and interpret phenomena. Students will also be tested on experimental skills.

- ◆ **Paper 1 exam (Weighted 61.1%)**: this is a 2-hour paper that assesses core content that is **not** in bold and does not have a 'P' reference on the syllabus.
- ◆ **Paper 2 exam (Weighted 38.9%)**: this is a 1-hour 15min paper that assesses **all the content**, including content that is in bold and has a 'P' reference.

Possible Career Paths

Physics graduates find themselves employed in occupations as diverse as medicine, computing and even finance. Employers today actively seek out people who can prove their ability to think logically, understand complex ideas and most importantly apply them to the real world.

Whether you want to pursue a career in science, the media, education, business or a host of other fields, Physics can help give you the edge. For those who do not wish to specialize in this subject, a good qualification in Physics is an excellent indicator of higher-level analytical skills, particularly valuable when applying to colleges.

Contact Details

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Sarah Bowers	sbowers@warwick.bm	Head of Creative and Technical Arts

Dates and Deadlines

Year 9 Parent-Teacher Conference 28th January, 2025
GCSE Option Form due 19th February, 2025
<https://forms.office.com/r/BRbt7DEGU0>

I/GCSE Subjects and Checklist

	Subject	Interested In Subject	Successful In Subject	Needed in Future Career	Spoken to Teacher	Would like to choose (✓ for yes, x for no)
Required subjects	English Language					✓
	English Literature					✓
	Mathematics					✓
	Global Citizenship					✓
MFL Chosen at the end of Y8	French					
	Spanish					
Sciences (Must select at least one)	Biology					
	Chemistry					
	Physics					
Individuals and Societies (Must select at least one)	Business Studies					
	Economics					
	Geography					
	History					
Other Subjects	Art & Design (P)					
	Computer Science					
	Design & Technology (P)					
	Drama					
	Food & Nutrition (P)					
	Information Communication Technology (ICT)					
	Music					
	Physical Education (GCSE PE) (P)					

Most students should have 9 checked boxes in total.

SPECIALISTS' OPTION	Select 1 option from the following
Specialist (Performance) Music & General PE	
Third Science (All 3 Sciences – Biology, Chemistry, Physics)	
Dual Languages & General PE	
Skills & General PE	
<i>High Performance Sport (Strength & Conditioning) (can be in combination with the above, except Third Science option)</i>	