

WARWICK ACADEMY



Options

General information and course details for Years 10 and 11

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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 Head of Year, tutors, guidance counsellor and teachers are all designed to help direct your son or daughter to the right courses for him/her.

Warwick Academy now offers the international Baccalaureate for study post Year 11 and it is important to bear this in mind when making course choices for I/GCSE. 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 or by telephoning 236 0501.

Yours Sincerely

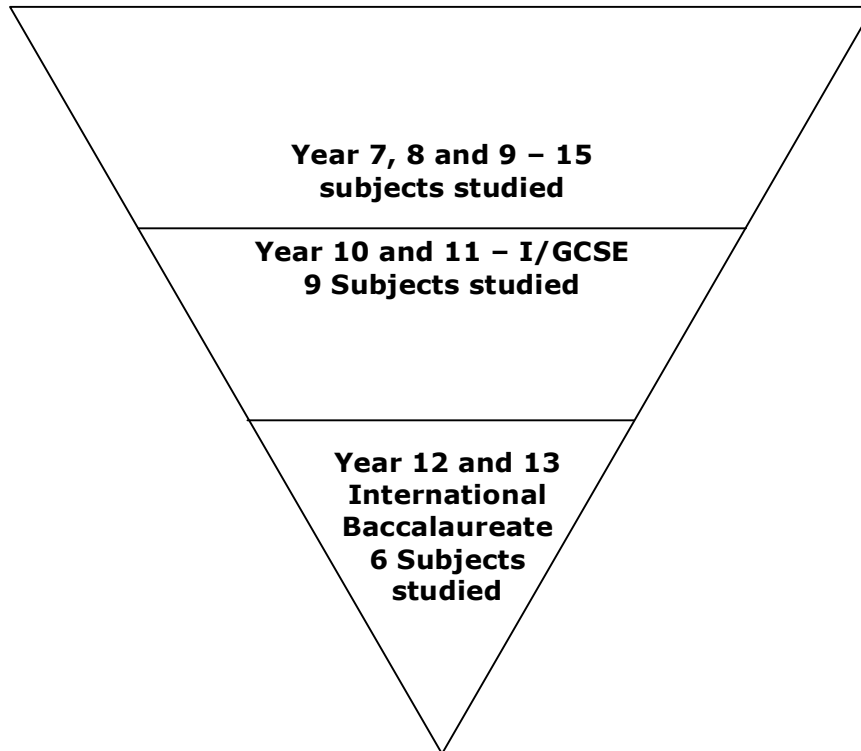


Rik Hinton

Head of Curriculum

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 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 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 International Baccalaureate.

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, form teacher, Head of Year and Guidance Counsellor
- ◆ Review your examination 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, you may not.

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 their 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. The I/GCSE is an excellent preparation for continuing on to study the International Baccalaureate in Years 12 and 13.

Coursework

Coursework (that is, work undertaken at home and in school during Years 10 and 11) plays an important part in assessment at I/GCSE. Almost every subject is partially assessed through coursework 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, a humanity and a modern foreign language.

Examined Compulsory Subjects

- ◆ English Language
- ◆ English Literature
- ◆ Mathematics

Non-examined Compulsory Subjects

- ◆ Recreational Sport
- ◆ Non GCSE Music (Music students only)
- ◆ Study class

Optional Subjects

In addition to the above compulsory subjects you will pick a total of 6 optional subjects. You must pick **one** from each column of the following subjects.

Sciences	Modern Foreign Languages	Humanities
Biology	French	Business Studies
Chemistry	Spanish	Geography
Physics		History
		IT

Your remaining **three** choices can be selected from the following list:

Biology	French	Business Studies	Art
Chemistry	Spanish	Geography	Design Technology
Physics		History	Food & Nutrition
		IT	Drama
			Music
			Physical Education

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 Design & Technology and Food & Nutrition have limited group sizes due to their nature. All other subjects have maximum group sizes to ensure that you receive the highest quality of teaching and delivery in each subject that Warwick Academy offers.

Please note that due to timetabling restrictions, it is only possible to pick one of Art, Design & Technology and Food & Nutrition.

Subject Choice Forms

The subject choice form (see separate sheet) outlines how all subjects are grouped together for timetabling purposes and the instructions on the sheet will help you make your choices to meet the requirements of Warwick Academy. Please complete these forms after Year 9 examinations and talking to subject teachers. Forms should be returned to Ms Butterfield-Wallbank, or your form tutor, no later than April 23rd, 2007.

Subject Information

Art and Design

Art, craft and design stimulates creativity and imagination. It provides visual, tactile and sensory experiences and a unique way of understanding and responding to the world. Pupils use colour, form, texture, pattern and different materials and processes to communicate what they see, feel and think. Through Art and Design activities, they learn to make informed value judgments and aesthetic and practical decisions, becoming actively involved in shaping environments. They explore ideas and meanings in the work of artists, craftspeople and designers. They learn about the diverse roles and functions of art, craft and design in contemporary life and in different times and cultures. Understanding, appreciation and enjoyment of the visual arts have the power to enrich our personal and public lives.

In the Edexcel IGCSE course you work in at least one of the disciplines of painting, drawing, printmaking and/or sculpture.

Fine art design is work, which is produced as an outcome of your personal experience, rather than something, which is created for a practical function. It is a means by which ideas are explored, communicated and, through visual information and enquiry, translated into art outcomes. Work produced for this course will demonstrate the use of formal elements and creative skills and give visual form to individual thoughts, feelings, observations and ideas. You will also show evidence of trying to extend your own and others' ways of seeing the world.

Some of the skills and techniques you will learn are:

- ◆ Drawing – the formal elements and perspectives.
- ◆ Painting – colour mixing and using paint to express a mood.
- ◆ Collage and mixed media – using montage, frottage and blending images.
- ◆ Batik – drawing with liquid wax to act as a resist when dyeing fabric.
- ◆ Fabric manipulation – weave, free machine embroidery, wrappings.
- ◆ Sculpture – clay, paper maché, willow sticks and chicken wire.
- ◆ Photography
- ◆ Printmaking – collagraphic prints, mono-printing and lino prints.

Assessment

- ◆ A practical 10 hour examination piece worth 40%
- ◆ 2 coursework units each worth 30%

Possible Career Paths

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

Biology

The GCSE Biology course revisits the basic topics covered in Years 7 and 8. The work that they have been doing this year represents the first part of the GCSE course: Plant Nutrition, Animal Nutrition and a topic on Energy (Respiration and Breathing).

In Year 10 they study transport in humans, transport in plants, coordination in plants and animals, then reproduction and genetics. In the final year they will study man's impact on the environment, ecology and reproduction in flowering plants. 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. The final exam includes multiple choice and short answer questions, in addition to a paper of questions dealing with practical material.

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) and may include the write up of practical exercises, completing notes or diagrams, or answering worksheets. There is no project work or "continuing" homework over a large time period.

Business Studies

The Business Studies course looks at

- ◆ Why business activity is needed
- ◆ How business activity is organised and financed
- ◆ What work is like
- ◆ What is produced and why
- ◆ How and why Government and the community influence business

This will be a new course for you at Warwick Academy. If you are a hard-working student you should have no problem in coping with the course content. You should be aware of the course topics and they should be of interest to you. 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 work will be done in a binder. 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

- ◆ Written paper - 75% mark
- ◆ Coursework - One assignment relating to particular business situations or problems. 25% mark.

Possible Career Paths

Many students go on to college or university to take business courses. This GCSE would provide an ideal introduction to 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

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.

The topics covered are; Atomic Theory and Stoichiometry, Chemical Bonding, States of Matter, Energetics, Electrochemistry, Kinetics, Equilibria, Inorganic and Organic Chemistry, Acids Bases Salts, The Periodic Table, Air and water.

Further details may be found on the Examination board Web site: www.cie.org.uk

Students will develop key skills throughout the course and experience a wide range of activities including practicals, presentations and visits to industry.

Assessment

Students will be assessed on three main criteria:

- ◆ To demonstrate knowledge and understanding
- ◆ Handling, applying and evaluating information
- ◆ Experimental skills and investigations

The IGCSE examination will consist of three papers and be available at both core and extended levels. Students will be taught to the extended syllabus and a decision made prior to the final examination as to which level is most appropriate.

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 are looked favourably upon during application processes.

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.

Design & Technology

The IGCSE Design & Technology course follows the University of Cambridge (UCLES) syllabus 0445. It aims to develop knowledge and skills through hands-on design and making projects.

Projects are mainly wood and plastics based, but may include elements of metals and mechanics, as the student or syllabus requires. Most lessons are practical with regular complementary design or theory based homework, which, in the final year, is based on past examination papers.

Pupils will carry out a series of project-based investigations for which they must produce an A3 design folder. The major piece of externally assessed 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 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 the thinking processes, the analysing, researching, designing and organisational skills. It challenges the pupil to find better solutions to everyday problems. Above all it is a creative and enjoyable challenging subject.

Assessment

- ◆ Written examination – 60%
- ◆ Coursework - 40%

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, interior design, construction and carpentry.

Drama

This course is available to all students in years 10 & 11. You do not need to have studied Drama before to choose this course.

GCSE Drama is split into three parts:

- ◆ Using drama to express your feelings and ideas about a range of issues
- ◆ Studying a whole play script and exploring ways of making the play work on stage
- ◆ Performance of a play from an existing script or one that you create yourself

You will enjoy the course if you want to study a subject that is practical, creative and involves a lot of teamwork. You must have good self-discipline and be able to work independently without relying on supervision.

Assessment

- ◆ Practical performance at the end of the course, which is externally assessed and worth 40% of the final grade.
- ◆ Coursework takes the form of two written portfolios derived from two drama workshops. These, together with your practical work, are teacher assessed and worth 60% of your final grade.

English

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

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

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

Assessment

- ◆ One two hour written paper – 50% of final mark
- ◆ Coursework - Three 500 - 800 word assignments and is worth 50% of the final mark

English Literature

Almost all students at Warwick Academy are entered for the University of Cambridge's IGCSE English Literature examination in Year 11.

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.

Assessment

- ◆ Written examination - 2¼-hour paper entitled "English Literature Open Book"; students answer three essay questions on short stories, a play and a collection of poems. The students have the advantage of being able to take their texts into the exam with them – 70% of final mark
- ◆ Coursework – Two 600 – 800 assignments on different genres: prose, poetry or drama – 30% of final mark

Food and Nutrition

Nutrition is the science that studies the process by which living organisms take in and use food for the maintenance of life, growth, the functioning of organs and the production of energy. Students learn to use this knowledge in the preparation of balanced meals, taking into account the varying needs of individuals.

This subject requires students to understand the scientific principles involved in the preparation of food and to have sound practical skills.

Students need to be able to work independently and be good at meeting deadlines, particularly when planning practical assignments.

Assessment

Cambridge GCE Food and Nutrition 6065

- ◆ 1 1/2 hour planning paper
- ◆ 2 1/2 hour practical paper
- ◆ 2 hour written paper

Students must pass both the practical and written exam to achieve a grade C or higher.

Geography

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:

- ◆ The Physical World - rivers, glaciation and coasts
- ◆ The Human World - population dynamics and settlement
- ◆ The Economic World - farming and industry
- ◆ The Natural World - weather, climate and vegetation
- ◆ Two case studies – Managing the environment and managing tourism

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 or binder. 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 recognize and make sense of the patterns, distributions, and interactions between living things and their environment.

Assessment

Edexcel GCSE Geography specification A

- ◆ Two written examinations – 75% of your final exam grade
- ◆ A fieldwork exercise - 25% of your final exam grade

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.

History

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.

IGCSE Course Content

Edexcel IGCSE International Relations 1815-1989

Year 10

- ◆ WWI
- ◆ League of Nations
- ◆ Weimar Republic & Challenges
- ◆ Russian Revolution
- ◆ The Rise of the Nazis
- ◆ Causes of WWII
- ◆ Britain and World War II
- ◆ The Cold War

Year 11

- ◆ Cold War Crises
- ◆ Communism in Crisis
- ◆ End of the Cold War
- ◆ Changing Role of Women in Britain since 1900
- ◆ Changing Nature of Warfare (Optional Module)

Assessment:

- ◆ Coursework - Nazi Germany & Nazi Economy
- ◆ Written assessment - Higher and lower tier paper.

Possible Career Paths

Due to its in-depth approach towards and analytical nature of human behaviour in an international context, history lends itself to any profession and any person with an intellectual and comprehensive approach to problem solving. Possible careers include Law, Medicine, Law Enforcement, Investments (especially Commodity Brokers and Futures Trading), Banking and Personnel Management.

Information Communication Technology

GCSE 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.

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.

Be aware that the emphasis is very different to that in the skills-based middle school. So, be prepared for lots of new materials!

You will gain the most from this course if you are looking for a course that is relevant to the world you live in and will enable you to develop the practical skills that will be of immediate value in your other I/GCSE subjects and later at International Baccalaureate, further education and when you enter the work force.

In addition to developing your practical ICT skills your coursework will help you to develop the skills of organising your own time and reviewing your own work and progress. You will discover how to research information from a range of sources and present it in a variety of ways. You will also learn the importance of working and co-operating with other people.

Key Software

- ◆ Word processing
- ◆ Databases
- ◆ Spreadsheets
- ◆ Desktop publishing
- ◆ Communications software
- ◆ Modelling/simulation
- ◆ Data logging
- ◆ Computer control

Assessment

Written examination - 40%

Coursework - 4 set pieces over two years - 60%

Mathematics

Mathematics is a compulsory subject at Warwick Academy. However, within the subject there are two possible routes to follow. At the end of Year 9 students will be placed in either the intermediate or higher Mathematics course. Students following the higher course may score up to an A* grade while those following the intermediate course may only score up to a B 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
- ◆ Matrices
- ◆ Vectors
- ◆ Graphs of functions
- ◆ Statistics
- ◆ Inequalities

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 intermediate examination.

Assessment

- ◆ Two written examinations

Modern Foreign Languages

Perhaps the best part of learning a new language is the fun of it. Studying another language is challenging and rewarding. At Warwick Academy pupils learn through oral exercises, music, language games, IT, audiovisual equipment, language clubs and textbooks.

Someday you may travel, live, or be an exchange student in one of the many countries all over the world where French and Spanish are spoken. The department organises trips to both French and Spanish speaking countries, giving students the opportunity to reinforce their learning experience.

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 grammar and regular testing. Pupils' language skills will be improved through a variety of activities including role-play, oral activities, comprehension work, audiovisual activities and music.

Course Content

The Edexcel GCSE French and Spanish courses expands on the language structures, skills, contexts and vocabulary covered in Years 7, 8 and 9. Five main topics are covered:

- ◆ Everyday Activities (home life, school, food, health and fitness)
- ◆ Personal and Social Life (self, family, free time, holidays)
- ◆ The World Around Us (home town, local area, people, places and customs)
- ◆ The World of Work (further education, employment)
- ◆ The International World (travel at home and abroad, life in other countries)

Assessment

There are four components in the GCSE exam, each with a 25% weighting:

- ◆ Listening and responding
- ◆ Speaking
- ◆ Reading and responding
- ◆ Writing (3 Coursework assignments of around 150-200 words)

Pupils will sit either the Higher paper to attain grades A*-C, or the Foundation paper (grades C-G)

Possible Career Paths

Being able to communicate in a foreign language is an advantage in most employment fields. Possible career choices are: journalist, buyer for a large company, financial expert, lawyer, teacher, writer, flight attendant, publisher, librarian, travel agent, tour guide, diplomat, interpreter, translator, engineer, hotel receptionist, sports commentator and many more.

Music

The Edexcel 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: classical music, world music and popular music. The flexible nature of the course allows students to capitalise on their different interests.

Assessment

- ◆ Written - 40%
- ◆ Performance - Internally assessed – 30%
- ◆ Composition - Internally assessed – 30%

Possible Career Paths

This course provides a solid foundation for the BTEC National Diplomas, International Baccalaureate Diploma Programme and the new Vocational A-Level in Performing Arts. 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

If you are a good athlete, and/or have an interest in a career involving sports, how they impact society, specific training methods, biology, fitness, first aid, coaching or the human body, then this course would be good for you.

Depending on the option you choose, you will have to select a number of sports that you will focus on. These sports can be chosen from the following areas:

- ◆ Dance activities
- ◆ Games
- ◆ Gymnastics
- ◆ Swimming and water safety
- ◆ Athletics
- ◆ Outdoor and adventurous activities

Students are expected to train and participate in the school teams in the sports they have chosen. Your teacher will help you get started and many of your classes will cover these topics, but sometimes we are not able to offer the sports you have chosen in class so discipline and a plan is vital to your success.

Due to the weighting of this course's marks, you generally need a relatively high level of fitness to get better than a 'C' grade, as the standards for each sport are based on international levels. Of course, if you perform well on the written work, it is possible to get a 'B' grade without being a top athlete. Regardless of this fact, many people use this course to develop their skills as a coach, medic or official of sport.

You will be supplied with a textbook and work will be done in a binder. Computer software is also available and will be used from time to time during class time. Students should read from the text weekly and use it to correct their mistakes or reinforce topics covered by their teacher.

Your theory will be taught separately and ties into everything you do as an athlete, coach or official. The main topics are:

- ◆ Analysis of performance and target setting
- ◆ Reasons for taking part in sports or physical activities
- ◆ Factors which affect participation and performance
- ◆ Training methods and the effects of exercise
- ◆ Applied anatomy and physiology

- ◆ Safety and risk assessment and drugs in sport

Assessment

- ◆ Written examination – 40%
- ◆ Practical assessment – 50%
- ◆ Analytical skills – refereeing/demonstration/interview – 10%

Physics

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.

Course Content

- ◆ Forces
- ◆ Energy
- ◆ Thermal and electricity
- ◆ Magnetism
- ◆ Waves
- ◆ Nuclear physics

These introductory courses will lead to specialist sixth form courses that may include astrophysics (relativity), biophysics, engineering and quantum mechanics.

There is plenty of academic support and a variety of technically challenging experiments. Classes tend to be small and we 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

At Warwick Academy we offer the Cambridge International Examination.

- ◆ Two written papers
- ◆ Practical Assessment

Possible Career Paths

About one third of all physicists work in public service industries, one third in private industry and one third in secondary and higher education. Some physicists work on problems at the frontiers of knowledge; others tackle the challenging problems that arise in the application of physical ideas to industrial and engineering problems. These careers offer personal satisfaction and normally carry great responsibility. Physics graduates also find themselves employed in occupations as diverse as medicine, computing

and even finance. The following is a list of typical sectors where physicists may be found:

- ◆ Research and Development
- ◆ Design and Production
- ◆ Medical Physics
- ◆ Astronomy and Astrophysics
- ◆ Geophysics
- ◆ Meteorology
- ◆ Teaching
- ◆ Telecommunications
- ◆ Environmental Engineering
- ◆ Marine Engineering
- ◆ Civil / Mechanical Engineering
- ◆ Electrical Engineering
- ◆ Architecture

Employers today actively seek out people who can prove their ability to think logically, understand complex ideas and 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

Member of Staff	Email Address	Position
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Deadlines and Dates

Year 9 Options Evening	February, 2007
End of Term 2	March 23, 2007
Start of Term 3	April 9, 2007
Year 9 Examinations Start	March 5, 2007
Year 9 Examinations End	March 12, 2007
Year Parents Teacher Conference	April 12, 2007
Year 9 Option Forms Due	April 23, 2007

Examination Dates

WARWICK ACADEMY Y9 EXAMINATIONS 2007				
Date	Morning 8:45 – 10:45	Length	Afternoon 1:25 – 3:25	Length
Mon Mar 5	Math PPMH	2h	Biology PPMH	1h 30
Tue Mar 6	Music PPMH	1h 30	Chemistry PPMH	1h 30
Wed Mar 7	Geography PPMH	1h 30	ICT PPMH	1h 30
Thu Mar 8	English PPMH	2h	Spanish PPMH	1h
Fri Mar 9	History PPMH	2h	French PPMH	1h
Mon Mar 12	Health PPMH	1h	Physics PPMH	1h 30

Notes

1. All students should arrive outside PPMH 15 minutes before the examination is due to start. (8:30 in the morning and 1:10 in the afternoon)
2. Students should line up in form groups in alphabetical order
3. Students must enter the examination room in silence. There is to be no communication verbal or otherwise between students from this point onwards
4. All bags should be left outside PPMH
5. No food or drink should be taken in to PPMH, with the exception of water in a plastic bottle
6. Any equipment taken in to PPMH should be in a clear bag or pencil case
7. Students not writing an examination are expected to study in PPMH. It is their responsibility to bring sufficient material with them to study
8. Students are not permitted to leave the exam room once the examination has started. Students should take the necessary precautions before entering the exam.
9. No borrowing will be permitted during the exam. Students should be fully prepared and bring with them pens, pencils, rulers, calculators, etc.
10. Invigilators can only answer questions about the exam if a question is missing or visually unclear.
11. Students cannot leave the examination room before the scheduled finish time for the examination
12. If students miss their recess because of a long exam they may be given time in lieu for recreation outside
13. Students will attend timetabled lessons between 11:00 and 12:43

Subjects and Checklist

Subject	Interested In Subject	Successful In Subject	Needed For Future Career	Term 2 Grade	Exam Grade	Spoken to Teacher	Would like to choose	Do not want to Choose
English Language							✓	
English Literature							✓	
Mathematics							✓	
Biology								
Chemistry								
Physics								
French								
Spanish								
Business Studies								
Geography								
History								
Art & Design								
Design & Technology								
Food & Nutrition								
Drama								
Information Communications Technology								
Music								
Physical Education								

