



Britannica International School
Budapest
an Orbital Education School



IGCSE OPTIONS GUIDE 2026 - 2027

I N S P I R E · E X C E L · E X C E E D

Overview

Our Vision

At Britannica, we challenge and nurture our students to become responsible, respectful and resolute global citizens. Within our caring and diverse international community, they evolve into independent and inquisitive lifelong learners, happily striving for excellence in everything they do.

Academic Achievements

Our Results

In recent years our public examination results have been above the UK national average and our students' excellent grades have given them access to many prestigious universities, both in Hungary and overseas. Our school is a registered Cambridge Assessment International Education Examinations Centre, an accredited Pearson Edexcel International Examinations Centre and a full member of the Council of International Schools.

Years 10 - 11

Key Stage 4

In Key Stage 4, at the start of Year 10, students begin their IGCSE studies and will take their external International General Certificate of Secondary Education (IGCSE) examinations at the end of Year 11.

Compulsory subjects:

- English Language
- Mathematics
- Science (Double Award)
- PE (*non-examination*)

Students choose 4 options on top of their compulsory subjects. Flexible option groupings change annually depending on the interests of the given cohort. All options will have 7 lessons per fortnight.

Optional subjects:

- | | |
|----------------------------|--|
| • Art & Design (Fine Art) | • Global Perspectives |
| • Business | • History |
| • Computer Science | • Modern Foreign Languages
(French, German, or Spanish) |
| • Economics | • Physical Education |
| • English Literature | • Triple Sciences (Biology, Chemistry, Physics) |
| • Further Pure Mathematics | |
| • Geography | |

Welcome

A word from our Principal

Dear Parents and Students,

Entering Key Stage 4 marks one of the most important junctures in a student's educational journey. The decision to study IGCSE courses between the ages of 14 and 16 is widely recognised as the most academically rigorous and prestigious pathway into post-16 education, providing students with the broadest subject choice and the most highly developed academic skill set.

IGCSEs are internationally respected qualifications, valued by schools, universities, and education systems worldwide. They are designed to develop deep subject knowledge, strong examination skills, analytical thinking, and academic independence, qualities that prepare students exceptionally well for A Levels and other advanced post-16 pathways. As such, they are widely regarded as offering more effective academic preparation for post-16 study than the MYP or other alternative curricula.

I strongly encourage you to read the information in this booklet carefully, listen attentively to guidance from our subject leaders, and, most importantly, take the time to research courses thoroughly, ask questions, and seek informed advice.

Students, this is the moment to focus on you: your interests, strengths, skills, and future ambitions. Make deliberate, informed decisions based on evidence and understanding, rather than convenience or peer influence. At Britannica, you have access to a wide team of subject specialists with years of experience supporting students through the Options process. Take full advantage of their expertise, ask questions, explore pathways, and ensure you have all the information required to choose wisely. We are here to support you at every stage.

Parents, your role is equally important. Meaningful conversations at home, encouragement, and thoughtful guidance are essential. However, I would ask that you resist making choices on your child's behalf. Students are far more engaged, motivated, and successful when studying subjects that they have chosen themselves and in which they are personally invested.

The school, our subject specialists, and the Secondary Leadership Team are fully committed to supporting families throughout this process. Should you feel that any additional information or clarification is needed, please do not hesitate to contact me directly.

We believe that our Year 9 students represent an exceptionally able and talented cohort, and we wish them every success as they move confidently into Key Stage 4 and the academic challenges ahead.

Kind regards,

Neil McGarry

Principal

I N S P I R E · E X C E L · E X C E E D

Introduction

Key Stage 4 - the IGCSE Options Process

Dear Year 9 Students,

This is the beginning of an important new phase in your education. It is the first time when you can actually make choices about the subjects you wish to study at IGCSE.

The decisions that you make now will have a big impact on your A Level choices later. You will be entering what in the UK is known as the 14 - 19 stage of education.

This comprises Key Stage 4, where you study IGCSEs and Key Stage 5, where you study A Levels. This takes you all the way through to the beginning of your university studies.

You have now reached a very important time in your education. You have to think carefully and make decisions about what courses you wish to study. We would like to take this opportunity to give you some advice that you may find useful. When you are choosing, please bear the following in mind:

Reasons for choosing a subject

Do choose a subject because:

- You will enjoy it.
- You have a strong interest in it.
- You are good at it.
- It will help you in your future career aspirations and plans.
- You believe that you will succeed in it.

Do Not choose a subject because:

- Your friends have chosen it.
- You think it will be easy.
- You have been told it involves less work.
- Relatives or friends tell you to do it without a good reason.
- You just like your current teacher.
- You want to do something new for the sake of it.

It is very important to talk to relatives, teachers and friends to discuss your views.

Find out about different careers from Mr Gould, Mr Setchell and Mrs Stroud, talk to your teachers about choices you are considering and discuss them with your family. Friends are very important to you, but be very careful not to opt for subjects just to be with them.

Some of you may already have clear career ambitions and some of you may be worried because you do not. As you talk to adults about their careers so far, you will find out that most are now doing a job that they did not really consider when they were 14 years old. As you go through life, you will follow many different paths as different opportunities arise.

Bearing this in mind, it is important to make decisions now that offer a broad and balanced curriculum that will not limit your future career path too much, but you do have to make decisions and that means talking to lots of people and then being strong and bold.

The transition to Key Stage 4 is an exciting and memorable moment in your education. This is a time to shape your own education by selecting subjects that you enjoy or that will help you progress in your desired career path.

Expectations

As a Key Stage 4 student, you will become senior members of the school. So it is important that you now consider yourselves as mature students that need to model positive behaviour, exemplary appearance and outstanding attitude to learning.

Please think very carefully about all the information and advice which is given to you in the coming weeks and do not be afraid to ask about anything you need further help with. We want you to make the best possible choices so that you can go on to achieve your potential in both your studies and career.

The best advice I can give is simply, 'do your homework.' Talk to your parents, talk to your teachers. Remember, though, that the real experts in this process are those who were faced with the same options last year or the year before; talk to students in Years 10 and 11. Ask them if they made the right choices. This is especially important if you are thinking of studying a 'new' subject such as Economics or PE – do you really know what it's all about, or do you just think you know?

Mrs Stroud

Head of Secondary

The Examination Boards

Cambridge Assessment International Education & Pearson Edexcel

At Britannica, we work with two different examination boards: **Cambridge Assessment International Education (CAIE)** and **Pearson Edexcel**. This allows us to use our professional judgement when selecting the curriculum we feel is most suited to our students.

CAIE is the world's largest provider of international education programmes and qualifications, offering courses in 160 countries around the world. CAIE is wholly owned by the University of Cambridge and provides qualifications that give learners the confidence they need to thrive and make a positive impact in a changing world.

Pearson's leading qualification brand, Edexcel, has been helping people succeed in life through learning for nearly 20 years. Their qualifications combine a progressive approach with international content, allowing learners to achieve their full potential in today's global economy.

Both CAIE and Pearson Edexcel offer internationally recognised, strictly administered education programmes and qualifications. This means that you can be confident that your qualifications will be understood and valued throughout your education and careers across the globe. It means that you can expect your assessments to be fair, valid, reliable and practicable. The assessments of both examination boards focus on subject knowledge, conceptual understanding and higher level thinking skills.

Both examination boards provide schools with professional development to support teachers in delivery. At Britannica, we make use of this support to ensure high-quality delivery of the courses and to encourage the development of teaching practices that encourage pupils to reflect upon their learning.



**Cambridge Assessment
International Education**



Pearson | Edexcel

External Examinations

IGCSE Grades Explained

Most of our IGCSE examinations will lead to a qualification which uses the 9 - 1 grading scale.

However, a few of our IGCSE options will be examined using the older A* - G grading scale. In the 9 - 1 grading scale a 5 is a strong pass and a 4 is a standard pass. In the A* - G grading scale a C is a pass. The table to the right shows a comparison of the 9 - 1 to the A* - G grading scales.

9	A*
8	A*
7	A
6	B
5 (strong pass)	B
4 (standard pass)	C
3	D
2	E
1	F
U	G
	U

School Life

Attendance



DID YOU KNOW?

An attendance level of 90% means you are missing **1 day of learning every two weeks...**

At Britannica, our expectation is that attendance will not fall below 95% in order for you to take full advantage of the educational opportunities available to you.

For any requests regarding holidays during term time, parents should refer to the school's Attendance Policy.

Requests for absence during term time should only be made *if absolutely necessary* and are not automatically authorised. Permission should be sought in writing from the Principal at least two weeks in advance.

Extra Curricular Opportunities

Engaging our students beyond the curriculum, we also offer a range of opportunities for Key Stage 4 pupils. These include:

The Duke of Edinburgh's International Award for Young People

Our students have been very successful in their pursuit of Bronze, Silver and Gold awards over the past few years. Further information is available from our DofE coordinator, Ms Kincses.



Model United Nations

Pupils take part in events to simulate UN committees and learn about diplomacy, international relations, current world issues and the UN itself. For further information, please speak to Mr Trovo.



Compulsory Subjects at IGCSE

English Language (4EA1)



[Syllabus Link](#)

The Pearson Edexcel IGCSE in English Language course features a relevant, up-to-date and engaging selection of texts ranging from British heritage to modern international and aims to enable students to:

- read a wide range of texts fluently and with good understanding
- read critically and use knowledge gained from wide reading to inform and improve their own writing
- write effectively and coherently in English, using appropriate grammar, punctuation and spelling
- acquire and apply a wide vocabulary alongside knowledge and understanding of grammatical terminology, and linguistic conventions for reading, writing and spoken language
- listen to and understand spoken language, and use spoken English effectively.

Mathematics A (4MA1)



[Syllabus Link](#)

The Pearson Edexcel IGCSE in Mathematics course enables students to:

- develop their knowledge and understanding of mathematical concepts and techniques
- acquire a foundation of mathematical skills for further study in the subject or related areas
- enjoy using and applying mathematical techniques and concepts, and become confident in using mathematics to solve problems
- appreciate the importance of mathematics in society, employment and study.

Science - Double Award (4SD0)



[Syllabus Link](#)

The Pearson Edexcel IGCSE in Science (Double Award) gives students the opportunity to experience science within the context of their general education. As part of the Double Award, students will study Biology, Chemistry and Physics, enabling them to:

- learn about unifying patterns and themes in science and use them in new and changing situations
- acquire knowledge and understanding of scientific facts, terminology, concepts, principles and practical techniques
- apply the principles and concepts of science, including those related to the applications of science, to different contexts and evaluate scientific information, making judgements on the basis of this information
- appreciate the practical nature of science, developing experimental and investigative skills based on correct and safe laboratory techniques
- analyse, interpret and evaluate data and experimental methods, drawing conclusions that are consistent with evidence from experimental activities and suggesting possible improvements and further investigations
- select, organise and present relevant information clearly and logically using appropriate vocabulary, definitions and conventions

Edexcel IGCSE

Art & Design - Fine Art (4FA1)



Course Overview

Art and Design equips students with the skills to enjoy, produce and engage with the visual arts throughout their lives, and it has immense value as an IGCSE subject. IGCSE Art and Design provides the opportunity for students to explore both contemporary and historical sources of art and design first hand through, for example, visiting museums, galleries, art shows and fairs; experience audio-visual productions; learn to take an individual approach to their art, craft and design making and develop the skills for selecting their best and most appropriate work for presentation at the end of the course.

The IGCSE syllabus provides the opportunity to explore some of the following:

- gain awareness of the purposes, intentions and functions of art, craft and design
- develop the ability to vocalise about artwork and reflect on their own creative process
- use creativity and imagination to express individual thoughts practically
- develop and refine original ideas from initiation to realisation
- critically analyse their own work and that of others
- build the confidence to take risks, experiment and learn from mistakes.

Assessment Details

The assessment model has two equally weighted components; both are externally assessed.

Personal Portfolio (Component 1). Students create a personal portfolio of work that demonstrates their knowledge, creativity, understanding and skills. Appropriate themes may be devised in consultation with students. Themes should each have a separate focus, but require similar skills.

Externally-set Assignment (Component 2). Set by Pearson and released in January in the year of assessment. It is a broad-based thematic starting point allowing students to produce a personal response over 10 hours of sustained focus.

Students are now required to assemble and present work from each component in the form of two digital portfolios, which are finally submitted to the exam board.

Careers

Animator, Web Designer, Television / Film Producer, Photographer, Architect, Interior Designer, Industrial Designer, Graphic Designer, Fine Artist, Book Illustrator, Jewellery Designer, Commercial Artist, Art Dealer, Video Game Design, Art Therapist, Museum Curator, Cartoonist, Art Conservationist, Fashion Designer.

Link to Syllabus

[Click here](#) or scan the QR code at the top of the page.



Edexcel IGCSE

Biology (4BI1)



Course Overview

Please note, if you choose the Triple Science option, you will **not** also follow the compulsory Science Double Award syllabus.

Edexcel IGCSE Biology allows learners to consider unifying patterns and themes in biology and use them in new and changing situations. The course requires learners to develop their ability to analyse, interpret and evaluate data; with a strong focus on experimental methods.

The course also helps learners to prepare for study of A-Level biology, further education or a career related to science.

The IGCSE syllabus includes the following units:

1. The nature and variety of living organisms
2. Structure and functions in living organisms
3. Reproduction and inheritance
4. Ecology and the environment
5. Use of biological resources

Assessment Details

Two written examinations with questions designed to be accessible to students of all abilities.

Paper 1: 2 hour examination 61.1%

Paper 2: 1 hour 15 minutes examination 38.9%

Careers

Research scientist, Pharmacologist, Biologist, Ecologist, Nature conservation officer, Biotechnologist, Forensic scientist, Government agency roles, Science writer, Teacher.

Link to Syllabus

[Click here](#) or scan the QR code at the top of the page.

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Course Overview

During the course students learn about the organisation, management and social importance of businesses in today's world. Students will gain an understanding of business activity in the public and private sectors, and the importance of innovation and change. They 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 and an ideal preparation for the world of work.

The IGCSE syllabus is split into the following units:

- Understanding business activity
- People in business
- Marketing
- Operations management
- Financial information and decisions
- External influences on business activity

Assessment Details

Paper 1

1 hour 30 minutes

Short Answer and Data Response

50% 80 marks

Four questions requiring a mixture of short answers and structured data responses. Candidates answer all questions.

Paper 2

1 hour 30 minutes

Case Study

50% 80 marks

Four questions based on a case study, provided as an insert with the paper. Candidates answer all questions.

Careers

Finance, banking, business management, marketing, logistics, accountancy, human resources, public sector. Further study in business, economics and related subjects. Many careers require problem solving, communication and team working skills that are developed in the course.

Link to Syllabus

[Click here](#) or scan the QR code at the top of the page.

Edexcel IGCSE Chemistry (4CH1)



Course Overview

Please note, if you choose the Triple Science option, you will **not** also follow the compulsory Science Double Award syllabus.

Learners will acquire knowledge and understanding of the principles and concepts of chemistry and how to apply them in varying contexts. The course helps students to appreciate the practical nature of chemistry; developing experimental and investigative skills based on correct and safe laboratory techniques. It also provides the opportunity to develop a logical approach to problem solving in a wider context.

The IGCSE syllabus is split into the following units:

1. Principles of chemistry
2. Inorganic chemistry
3. Physical chemistry
4. Organic chemistry

Assessment Details

Two written examinations with questions designed to be accessible to students of all abilities.

Paper 1: 2 hour examination 61.1%

Paper 2: 1 hour 15 minutes examination 38.9%

Both papers contain a mixture of different question styles, including multiple-choice questions, short-answer questions, calculations and extended open-response questions.

Careers

Analytical Chemist, Chemical Engineer, Chemistry Teacher, Forensic Scientist, Geochemist, Hazardous Waste Chemist, Materials Scientist, Pharmacologist, Toxicologist, Water Chemist

Link to Syllabus

[Click here](#) or scan the QR code at the top of the page.



Edexcel IGCSE

Computer Science (4CP0)



Course Overview

The course provides a solid foundation for studies of Computer Science at A-level. It is a mixture of fundamental theory and basic algorithmization. The course also introduces programming using Python. There is a strong focus on application and practical skills, however a strong foundation of the underlying theory is provided, so students should not find the transition to A-level difficult.

In case there is a strong determination to carrying on computer science to A-level, it is recommended to combine Computer Science with Additional Mathematics.

The IGCSE syllabus is split into the following units:

- | | | |
|----------------------------------|---|-------------------------------------|
| 1. Algorithms | 7. Data storage and compression | 12. System software |
| 2. Decomposition and abstraction | 8. Encryption | 13. Programming languages |
| 3. Code development | 9. Machines and computational modelling | 14. Networks |
| 4. Constructs | 10. Hardware | 15. Network security |
| 5. Data types and structures | 11. Logic | 16. Internet and the world wide web |
| 6. Binary data representation | | 17. The bigger picture |

Assessment Details

Paper 1: Principles of computer science, 120 minutes on paper, accounts for 50% of the final grade

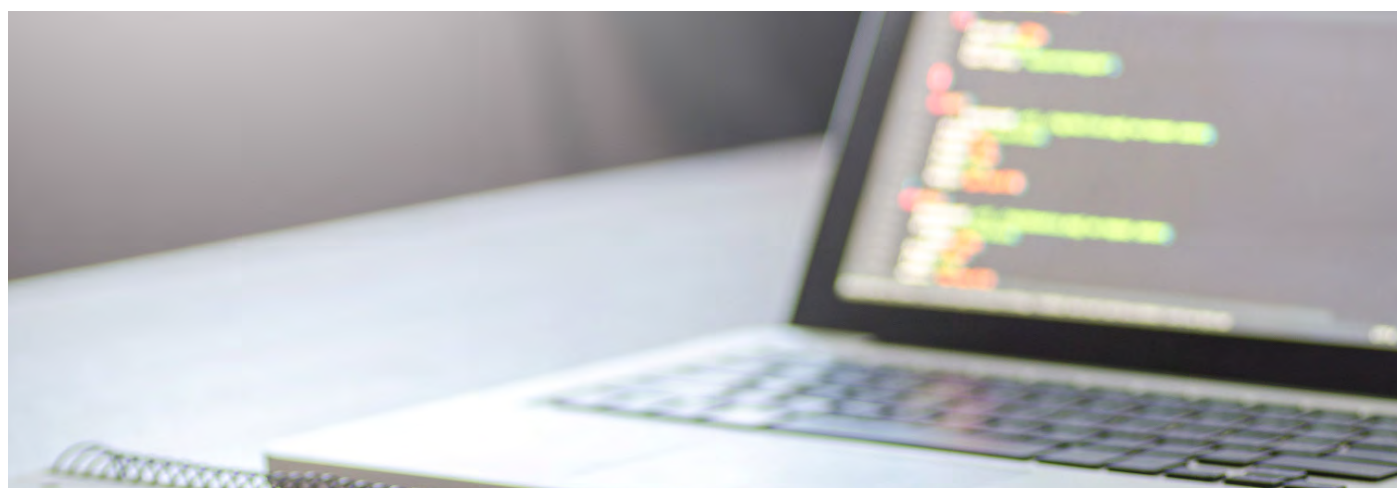
Paper 2: Application of computer science, 180 minutes on computer, accounts for 50% of the final grade.

Careers

Computer Science is evolving into one of the most popular university courses at the moment. Apart from studying to become a software engineer or programmer, the possibilities to have pursue a career in hardware development, networking, artificial intelligence or scientific research seem endless. Especially, when combined with mathematics, computer science can be a subject to provide excitement throughout one's career.

Link to Syllabus

[Click here](#) or scan the QR code at the top of the page.





Course Overview

During the IGCSE Economics course, students will develop an understanding of the economic factors that influence the world around them. Students will acquire knowledge and understanding of economic theory, terminology and principles as well as applying them in relevant real-world context. On completion of this course, students will have an understanding of key economic questions and how to answer them, for example, 'What can a government do to reduce inflation?'

The IGCSE syllabus is split into the following units:

1. The basic economic problem
2. The allocation of resources
3. Microeconomic decision makers
4. Government and the macroeconomy
5. Economic development
6. International trade and globalisation

Assessment Details

Students are assessed against three assessment objectives: knowledge and understanding; analysis and evaluation. The assessment process comprises of two examinations:

Paper 1 - 1 hour

Multiple-choice questions: 30% weighting, 40 marks.
Candidates answer all 40 questions.

Paper 2 - 2 hours

Structured questions: 70% weighting, 80 marks.
Candidates answer one compulsory question and three optional questions from a choice of four.

Careers

Due to the broad and applied nature of Economics, any future job is possible. Common Economics careers and roles include economist, financial planner, accountant, economic researcher, financial consultant, investment analyst, financial risk analyst, pricing analyst, public sector roles, stockbroker, entrepreneur, business manager, marketer, statistician, lawyer, journalist and politician.

Link to Syllabus

[Click here](#) or scan the QR code at the top of the page.

Edexcel IGCSE

English Literature (4ET1)



Course Overview

This course will enable you to:

- engage with and develop the ability to read, understand and respond to a wide range of literary texts from around the world
- develop an appreciation of the ways in which writers achieve their literary effects
- develop the skills needed for literary study
- explore, through literature, the cultures of their own and other societies
- find enjoyment in reading literature and understand its influence on individuals and societies.

This course encourages critical thinking and interpretation, fostering skills in literary analysis and written expression. There is a strong focus on exploring literature within the context of its time period and social culture, helping students develop a stronger interpretation perspective. The syllabus includes a list of engaging and challenging material specifically selected to give students an international appreciation of literature, enabling them to engage with world issues and and gain valuable cultural understanding. Not only that, but also help students understand the historical and literary context in which modern writers work.

The IGCSE syllabus is split into the following units:

Component 1: Poetry and Prose 60%

Component 2: Drama 40%

Careers

Teacher (all age groups), Lawyer, Editor, Journalist, Author, Web Content Manager, Talent Agent, Media Researcher, Events Organiser, Marketing Executive, Education Consultant, Actor

Link to Syllabus

[Click here](#) or scan the QR code at the top of the page.



Cambridge IGCSE Geography (0976)



Course Overview

Through the Cambridge IGCSE Geography syllabus, learners will develop a 'sense of place' by looking at the world around them on a local, regional and global scale. Learners will examine a range of natural and man-made environments, and study some of the processes which affected their development. They will also look at the ways in which people interact with their environment, and the opportunities and challenges an environment can present, thereby gaining a deeper insight into the different communities and cultures that exist around the world.

The IGCSE syllabus is split into the following units:

Physical Geography:

- Changing River Environments
- Changing Coastal Environments
- Changing Ecosystems
- Tectonic Hazards
- Climate Change

Human Geography:

- Changing Populations
- Changing Towns and Cities
- Development
- Changing Economies
- Resource Provision

Assessment Details

Paper 1 Physical Geography	36%
Paper 2 Human Geography	36%
Component 3 Coursework	28%

Careers

Environmental Consultant, Cartographer, Town Planner, Conservation officer, Architect, Engineer, International aid/development worker, Researcher, Sustainability consultant

Link to Syllabus

[Click here](#) or scan the QR code at the top of the page.

Cambridge IGCSE

Global Perspectives (0457)



Course Overview

Cambridge IGCSE Global Perspectives provides opportunities for enquiry into, and reflection on, key global issues from different perspectives: personal, local/national and global. It encourages awareness of global problems and offers a range of opportunities to explore solutions through cooperation and collaboration. The course is not about getting everybody to think identically; rather it is a matter of opening minds to the complexity of the world and of human thought, and encouraging empathy for the diversity of human experience and feeling. The course develops a range of skills including researching and analysing information, and reflection.

The IGCSE syllabus provides the opportunity to explore some of the following:

- Education for all
- Globalisation
- Digital World
- Values and beliefs
- Conflict and Peace
- Poverty and inequality
- Health and wellbeing
- Social identity and inclusion
- Climate change
- Political power and action
- Sport and recreation
- Media and communication

Assessment Details

There are 3 elements to assessment:

Component 1	Written Exam	35%
Component 2	Individual Report	30%
Component 3	Team Project	35%

Careers

Having a deeper understanding of the world we live in and the challenges we face can help prepare students for almost any role and certainly will be received positively by employers and universities everywhere.

Link to Syllabus

[Click here](#) or scan the QR code at the top of the page.



Cambridge IGCSE

History (0977)



Course Overview

The IGCSE History course focuses on twentieth century history, across a range of countries and continents. In the international relations units, students will develop an advanced understanding of the ideological and military conflicts that defined the twentieth century. An American depth study will then explore the social, political and economic changes of the USA in the period 1919-41.

The IGCSE syllabus is split into the following units:

Section A:

The Treaty of Versailles; The League of Nations; causes of World War 2; causes of the Cold War; USA's policy of containment; USSR's control over Eastern Europe.

Section B:

The USA, 1919-1941;
or Germany, 1918-1945.

Assessment Details

Students take three examinations, in which they are assessed against three assessment objectives: knowledge of the syllabus content, ability to construct historical explanations, and ability to use a range of historical sources as evidence:

Paper 1

Written paper: 40% weighting. Candidates answer two questions from Section A and one question from section B.

Paper 2

Written paper: 30% weighting. Candidates answer five questions, using a selection of historical sources, relating to one prescribed topic from Section A.

Paper 3

Coursework: 30% weighting. Candidates produce one piece of extended writing based on Section B or a depth study devised by the centre **or**:

Paper 4

Written paper: 30% weighting. Candidates answer two questions on a topic from Section B. (This is an alternative to coursework).

Careers

The skills and knowledge gained through history qualifications provide career opportunities in a range of professional areas, including journalism, law, politics and education.

Link to Syllabus

[Click here](#) or scan the QR code at the top of the page.

Course Overview

Please note, if you choose this option, you will **not** also follow the compulsory Mathematics A syllabus.

The course covers the syllabi for Mathematics B and Further Pure Mathematics and it terminates with two IGCSEs; one in each of the aforementioned courses. Specific emphasis is put on the logical build-up of the material including concepts that are essential for the acquisition of mathematics using a holistic approach. These concepts include the introduction to abstract algebra, number theory and calculus.

The IGCSE syllabus is split into the following units:

- | | |
|--------------------------------------|---------------------------------------|
| 1. Sets | 11. Sets |
| 2. Number theory, induction | 12. Sequences and series |
| 3. Vector algebra | 13. Logarithms and exponentials |
| 4. Circle geometry | 14. Trigonometry, additional formulae |
| 5. Analytical geometry of the plane | 15. Circular measure |
| 6. Surds and indices (revision) | 16. Matrices and transformations |
| 7. Equations, simultaneous equations | 17. Differential calculus |
| 8. Inequalities, linear programming | 18. Binomial series expansion |
| 9. Polynomials | 19. Integral calculus |
| 10. Permutations and combinations | 20. Statistics and probability |

Assessment Details

Four written papers: two for Mathematics B, two for Further Pure Mathematics.

Each of these are worth 50% of the respective final grade.

Careers

This course builds a solid foundation to pursue studies in Further Mathematics at A-level, furthermore it helps understand the theoretical concepts of Computer Science, which require strong mathematical skills.

A Level mathematics is an entry requirement for most university courses in engineering, economics, computer science and software engineering, some of the more prestigious courses require or recommend further mathematics. Some students may want to decide to choose theoretical mathematics or applied mathematics as a university career. The number of university courses that combine mathematics and computer science or mathematics and finance/economics are constantly growing in number.

Syllabus Links

Click the relevant link or scan the relevant QR code below.

Mathematics B: [Click here](#)



Further Pure Mathematics: [Click here](#)



Cambridge IGCSE

MFL (Modern Foreign Languages)

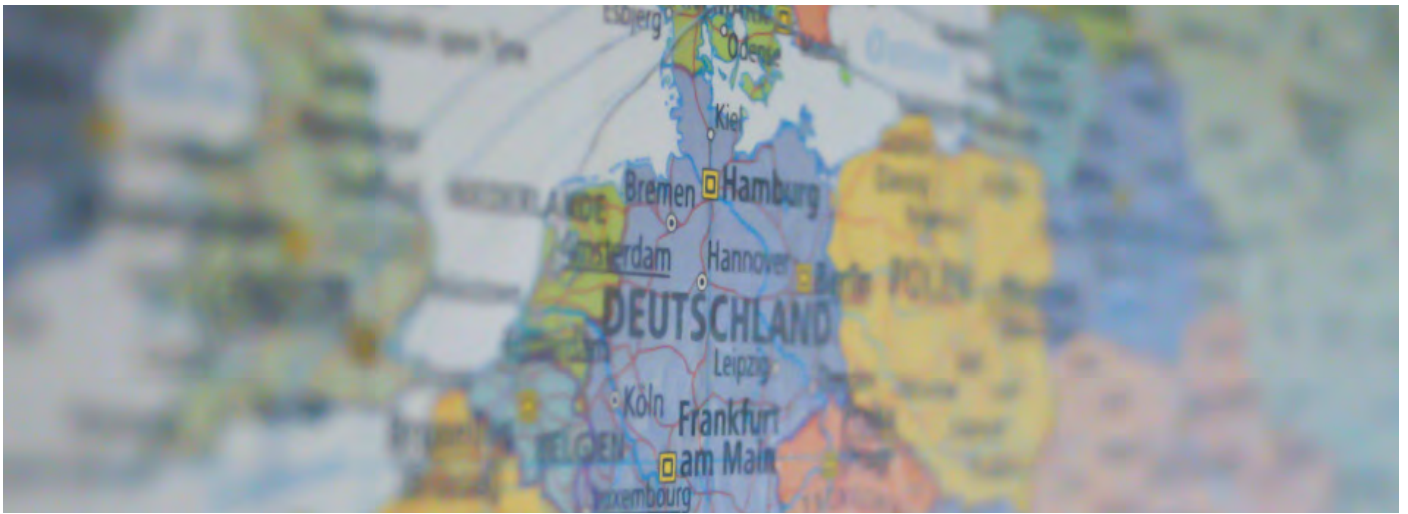
French: 7156



German: 7159



Spanish: 7160



Course Overview

By studying a language at IGCSE, students will form a sound base of the skills, language and attitudes required for further study, work and leisure. In addition to this, the IGCSE offers insight into the culture of the countries where French, German and Spanish are spoken, encouraging fuller integration into the community. It also encourages positive attitudes towards foreign language learning and towards speakers of foreign languages. Studying a language is enjoyable and provides intellectual stimulation.

The IGCSE syllabus is split into the following units:

- Everyday activities - Home life and school; food, health and fitness.
- Personal and Social Life - Self, family and personal relationships; holidays and special occasions.
- The World Around Us - Hometown and local area; natural and man-made environment; people, places and customs.
- The World of Work - Continuing education; careers and employment; language and communication in the workplace.
- The International World - Tourism at home and abroad; life in other countries and communities; world events and issues.

Assessment Details

In all three MFL courses the assessment is in four equal parts: Listening, Reading, Speaking and Writing.

Careers

Languages are great for a wide variety of careers, especially those involving translation or communication with people from non-English speaking countries. This can include careers in tourism, government, politics, media, publishing, and journalism. You can also work in education, fashion or law!

Syllabus Links

Click the relevant link below or scan the relevant QR code at the top of the page.

French: [Click here](#)

German: [Click here](#)

Spanish: [Click here](#)

Cambridge IGCSE

Physical Education (0995)



Course Overview

All pupils will have Core PE lessons which are practical and will run similarly to your current PE lessons. This course, however, is an academic study of physical education with many lessons being in the classroom. The syllabus provides pupils with an opportunity to study both the practical and theoretical aspects of physical education. It is also designed to foster enjoyment in physical activity. The knowledge gained should enable pupils to develop an understanding of effective and safe physical performance. The course provides opportunities to try new sports and activities whilst building social and personal skills to aid in future endeavours.

The IGCSE syllabus provides the opportunity to explore the following:

- Anatomy and Physiology
- Health and Fitness training
- Skill Acquisition and Psychology
- Social, Cultural and Ethical Influences
- Develop practical ability further

Assessment Details

Theory PE will cover topics such as: different systems in the body and how exercise effects them; how to plan your training to maximise improvements; identifying how people learn and improve; how the brain links to movement, motivation and anxiety; why people take part in sport, problems with participation, doping and performance enhancing drugs.

Coursework is completed throughout the course and comprises of filmed and graded sporting activities. Teachers will send off your best four grades/sports that they have from across the two years. IGCSE practical lessons will provide the opportunity to further develop sporting ability and film assessments, however core PE and extra-curricular activities may also be used for filming, if relevant. It is likely that the sports will include a variety such as: basketball, volleyball, personal survival, competitive swimming, weight training for fitness, netball, rounders, badminton, cross country/cycling. Additional sport outside of school can also be used (e.g. skiing, horse riding, gymnastics etc.). Your PE teachers and current PE pupils can give more details about the list of accepted sports.

Careers

Doctor of osteopathy, athletic trainer, wellness coach, nutritionist, psychologist, nurse, exercise physiologist, teacher, sports medicine, sports journalist, biomechanics, personal trainer, sports masseuse, sports development officer, sports agent, and sports photography, amongst others.

Link to Syllabus

[Click here](#) or scan the QR code at the top of the page.





Course Overview

Please note, if you choose the Triple Science option, you will **not** also follow the compulsory Science Double Award syllabus.

The course aims to extend learners' knowledge and understanding of physics while also broadening and deepening skills. There is a focus on practical skills with a number of experimental methods explored through specification content. The skills developed will be assessed through questions in written examinations. The course aims to improve students' analytical and logic skills by applying understanding of scientific concepts and principles to a range of situations. This will include answering some examination questions that are more problem-solving in style. Learners will also focus on developing their mathematical skills.

The IGCSE syllabus is split into the following units:

- | | |
|--|-----------------------------------|
| 1. Forces and motion | 5. Solids, liquids and gases |
| 2. Electricity | 6. Magnetism and electromagnetism |
| 3. Waves | 7. Radioactivity and particles |
| 4. Energy resources and energy transfers | 8. Astrophysics |

Assessment Details

Two written examinations with questions designed to be accessible to students of all abilities.

Paper 1: 2 hour examination 61.1%

Paper 2: 1 hour 15 minutes examination 38.9%

Careers

Accelerator Operator, Applications Engineer, Data Analyst, Design Engineer, High School Physics Teacher, IT Consultant, Lab Technician, Laser Engineer, Optical Engineer, Research Associate, Software Developer, Systems Analyst, Technical Specialist, Web Developer and more.

Link to Syllabus

[Click here](#) or scan the QR code at the top of the page.

Optional subjects

Examples of Possible Pathways

The below area few *examples* of what a student's timetable might look like based on the compulsory and optional subjects they choose to study.

John D.	Lessons
Tutorial / PSHE	4
Core English	8
Core Maths	8
Core Science	8
Core PE	4
Triple Science	7
Further Pure Mathematics	7
Computer Science	7
History	7
	60

Sally E.	Lessons
Tutorial / PSHE	4
Core English	8
Core Maths	8
Core Science	8
Core PE	4
Art & Design	7
Global Perspectives	7
Geography	7
Spanish	7
	60

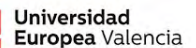
Kate T.	Lessons
Tutorial / PSHE	4
Core English	8
Core Maths	8
Core Science	8
Core PE	4
Triple Science	7
Economics	7
Computer Science	7
French	7
	60

James B.	Lessons
Tutorial / PSHE	4
Core English	8
Core Maths	8
Core Science	8
Core PE	4
History	7
Geography	7
English Literature	7
Physical Education	7
	60

A Levels & Beyond

University Destinations

The examination results of our Year 13 graduating Class of 2025 once again demonstrate how A Levels are the gold standard in post-16 education worldwide. Our graduates have chosen some exciting courses and university destinations this year, and we wish them the best of luck in all their future endeavours.



Behavioural Science | Business Management | Computer Science | Dentistry
Economics & Finance | Graphic Design | International Relations & Politics
Mechanical Engineering | Medicine | Psychology | Tourism & Hospitality Management



Canada | France | Germany | Hungary | Italy | Netherlands
South Africa | Spain | Switzerland | UK | USA



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