



**CHARTERHOUSE
MALAYSIA**



IGCSE SUBJECTS BOOKLET

2025-2026



Our Vision

Nurturing critical & creative, curious & compassionate learners,
able to thrive in an evolving future

Our Mission

a school where academic excellence and human development go
hand in hand.

Our Values

Kindness

Perseverance

Open mindedness

Moral courage

Responsibility





University Guidance at Charterhouse Malaysia: IGNITE

To prepare you for higher education and the future job market, a **Future Ready education programme** should focus on you developing and understanding of existing, potential, and self-created careers.

Our Charterhouse **IGNITE programme**, uses the lectures, seminars, workshops, courses, fairs, work experience, and internships to guide you along your chosen career pathway and support the development of the top 10 Future Job Skills:



Analytical thinking and innovation - activities such as case studies and design thinking.



Leadership and social influence - activities such as student-led initiatives and community service projects.



Active learning and learning strategies - activities like self-directed learning projects and personalised learning plans.



Technology use, monitoring, and control - activities like online safety training and responsible social media use.



Complex problem solving - activities involving real-world simulations and project-based learning



Resilience, stress tolerance, and flexibility - activities like mindfulness exercises and growth mindset activities.



Critical thinking and analysis - activities like debates and analysing case studies



Reasoning, problem solving, and ideation - activities such as brainstorming sessions and role-playing scenarios.



Creativity, originality, and initiative - activities that include design challenges and entrepreneurship projects.

Studying at Charterhouse Malaysia will equip you with the skills needed to succeed in the evolving jobs market. The IGNITE programme is designed to help you make informed decisions about your subject choices and give you the knowledge and skills to pursue your chosen path. If you have studied at Charterhouse Malaysia before, your previous experience within IGNITE can help guide you.

For newcomers, we provide early support in choosing subjects, with the flexibility to adjust your choices within the first month. We aim to ensure that you feel confident and excited about your subject choices and have the best chance to succeed in your chosen pathway.



GCSE = the mandatory national curriculum taught in Years 10-11 in England & Wales.

- GCSE Examination Boards: AQA, OCR, Pearson Edexcel, WJEC (Welsh Board)
- GCSE Grades are awarded 9 – 1:

9 = A* 8 = A 7 = A 6 = B 5 = C

IGCSE = the international version of the GCSE. They have the same value.

- IGCSE Examination Boards: CIE & Pearson Edexcel
- IGCSE Grades awarded: A* - G

What are IGCSEs?

I/GCSEs (International/ General Certificate of Secondary Education) are a set of globally recognised qualifications pursued by students in the United Kingdom and many other countries to conclude their Key Stage Four secondary education.

I/GCSEs are subject-based - students choose the specific subjects which best suit their higher education and career aspirations to study for the duration of their Year 10 & Year 11.

The GCSE Curriculum is designed to offer students a broad base of learning, before they specialise at A Level. Generally, it is recommended that students study between 7 and 10 GCSEs. At Charterhouse Malaysia, a minimum of one science and one of any of the humanities, arts and languages is recommended to ensure the breadth of knowledge and developed range of skills which universities look for.

During the two-year IGCSE programme, students engage in a combination of directed study, and research as well as independent learning. At the end of the two-year period students sit for examinations, the outcomes of which are prerequisite for pursuing further education such as A Levels.

Choosing which IGCSE subjects to study is an important decision that should be based on personal interests, strengths and future aspirations. It is essential to strike a balance between subjects, ensuring a diverse educational foundation while also allowing students to explore their passions and develop their skills.

Before deciding on which IGCSE subjects to study, it is important to research the requirements for the next stage of education, such as A Levels, or the career path that you are interested in pursuing. This will help you determine which IGCSE subjects are most relevant and will give you the best chance of success.



Entry Requirements for the GCSE Programme at Charterhouse Malaysia

We triangulate various evidence when considering a student's eligibility for an exam curriculum:

1 - CAT4 scores

Students with Verbal scores of **80-89** must have corresponding scores of 110+ in other domains to ensure a strong academic balance. These students would have to choose EAL in Block G as one of their subject options. They will enter one fewer GCSE at the end of Yr11.

-Students with Verbal scores of **90-99** must have corresponding scores of **110+** in other domains to ensure a strong academic balance. These students **do not have to take EAL** as a subject option.

Students with Verbal scores of **100+** are expected to have at least **100+** in other domains to meet the programme's academic demands.

2 - Prior Attainment

How a student performs over time offers some indication of how they might perform in the future.

3 - Teacher References, Reports & Interviews

How a student performs over time offers some indication of how they might perform in the future.





Selecting your subjects

Choosing your subjects carefully is crucial for your academic success. Generally, it's wise to pick subjects you enjoy and are likely to excel in. However, some careers require specific subjects, so if you have a particular career path in mind, make sure you discuss your plans with a teacher in order to get the right advice for the university course you will need. Consider the following factors when making your decision:

Your interest in the subjects and design thinking.

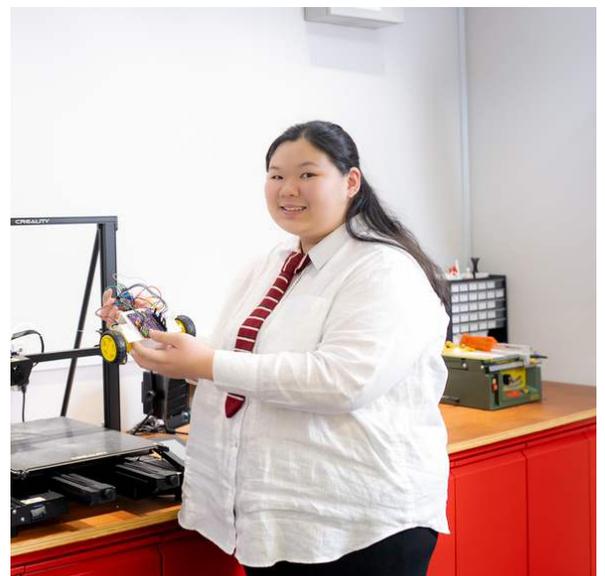
Ask yourself whether a subject genuinely interests you and why. You should enjoy the subject matter and the skills involved.

For example, does it require extensive writing, or is it more practical? Additionally, consider how the subject will be assessed, such as coursework or examinations.

Your ability in the subject

Consider your strengths and weaknesses. Review your latest school report and exam results to determine which subjects you've been most successful in and why.

Identify the skills that come more naturally to you.





Which subjects can I choose?

Charterhouse Malaysia offers a wide range of subjects that will open the door to most academic university courses:

English Language and Literature

Mathematics (inc the possibility of Additional Mathematics in Yr11)

Bahasa Melayu (if you are Malaysian)

Either Mandarin or Spanish (non-Malaysians)

In addition, students must choose + 5 other subjects - one from each of Blocks E, F, G, H, I

Aim to Include:

1 x Science

+

2 from any of:
Humanities, Arts or Languages x
Science

Languages

Bahasa Melayu –
Foreign Language
Mandarin – Foreign
Language
Chinese – First
Language
Spanish
French

Sciences

Biology
Chemistry
Physics
Computer Science

Humanities

Business Studies
Economics
Enterprise
Geography
History

Expressive Arts

Art & Design: Fine Art
Art & Design: Graphic
Communication
Music
Drama

*Please note, subjects are offered on the basis of student interest. Generally, we require 5 students to run a course/ open a class. If we are unable to achieve this for any particular subject, it is possible that it will not be added to the timetable. In this instance, students would be asked to choose another option from the same block.

Our curriculum also includes core learning which is not examined:

- Independent Learning Projects
- Sport
- Future Ready Citizenship Programme



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University course and career choices

It's essential to consider the implications of your chosen subjects for university courses and careers. Some subjects are required for specific degrees. If you're interested in studying in the UK, consult current university websites and prospectuses for guidance.

By carefully evaluating your interests, abilities and future aspirations, you can make informed decisions about your subject choices and set yourself up for success in your chosen pathway.

Some examples of required subjects for university entrance:



University course and career choices

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Some examples of required subjects for university entrance:

Medicine



Most universities require students to have studied Biology, Chemistry and either Physics or Maths at IGCSE level. For those interested in studying medicine, it is important to have a strong foundation in the sciences.

Engineering



Universities may require students to have studied Maths, Physics and Chemistry at IGCSE level, as these subjects provide a good foundation for engineering. Computer Science may also be a useful subject to have studied.

Economics



Some universities may require students to have studied Maths at IGCSE level, as well as a social science subject such as Economics or Geography.

Computer Science



Universities may require students to have studied Maths and Computer Science at IGCSE level.

Law



Some universities may require students to have studied English Literature at IGCSE level, as well as a social science subject such as History or Politics.

Psychology



Some universities require or recommend that students have studied Biology and/or Maths at IGCSE level, as well as a social science subject such as Psychology or Sociology.



Business



Universities may require or recommend that students have studied Maths at IGCSE level, as well as a social science subject such as Business or Economics.

Architecture



Some universities may require or recommend that students have studied Art and Design or a related subject at IGCSE level, as well as Maths and Physics.

Journalism



Universities may require or recommend that students have studied English Language or Literature at IGCSE level, as well as a social science subject such as History or Politics.

Environmental Science



Some universities may require or recommend that students have studied Biology, Chemistry, and/or Geography at IGCSE level, as well as Maths.

Remember that these are just examples, and requirements/recommendations may vary by university and even by specific course within a university; it's important to research the specific requirements of any course you're interested in applying to. It is also worth bearing in mind that the jobs of the future are unlikely to be exactly like those of the current day – in order for students to best prepare, they are advised to choose IGCSE subjects that align with their interests and strengths.



Art and Design Fine Art

Exam Board:

Pearson Edexcel Level 1/Level 2
GCSE in Art and Design
(Fine Art – 1FA0)



Course Introduction

The Pearson Edexcel GCSE in Fine Art provides students with the opportunity to explore aesthetic, conceptual, and intellectual ideas through a variety of traditional and modern media. This course fosters creativity, critical thinking, and technical skills, preparing students for future artistic endeavors or pathways in creative industries.

Syllabus Overview

The GCSE Fine Art syllabus focuses on developing imaginative and creative capabilities, alongside technical expertise in various art forms. Students are encouraged to explore and respond to contemporary, historical, and cultural influences.

The course consists of two components:

1. Personal Portfolio (60%) An internally assessed portfolio demonstrating exploration, experimentation, and final outcomes.
2. Externally Set Assignment (40%) A thematic project culminating in a 10-hour supervised session.



Course Aims:

The course aims to:

- ✓ Develop creative, imaginative, and intuitive skills.
- ✓ Enhance investigative and analytical abilities.
- ✓ Encourage independent thought and artistic expression.
- ✓ Provide understanding of art in cultural, historical, and contemporary contexts.

Assessment Overview

Students' work is assessed through the following objectives:

- 1 AO1 Develop ideas through investigations and critical understanding of sources.
- 2 AO2 Refine work by exploring materials, techniques, and processes.
- 3 AO3 Record ideas and observations relevant to intentions.
- 4 AO4 Present a personal and meaningful response.

Each assessment objective is equally weighted at **25%**, contributing to the final grade.

Subject Content

Students will engage in:

Drawing and Painting: Using a range of media to explore form, tone, and color.

Mixed Media: Combining materials to create innovative outcomes.

Lens- and Light-based Media: Exploring photography and digital applications.

3D Work: Creating forms using traditional and modern techniques.

Printmaking: Experimenting with relief and intaglio processes.

Skills Developed

Throughout the course, students will develop:

- Creativity and originality in artistic practice.
- Technical proficiency in a range of media.
- Analytical skills to evaluate personal and others' work.
- Confidence in expressing ideas and taking creative risks.



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Art and Design - Graphic Communication

Exam Board:

Pearson Edexcel Level 1/Level 2
GCSE in Art and Design (Graphic
Communication – 1GC0)



Course Introduction

The Pearson Edexcel GCSE in Graphic Communication introduces students to the creative process of conveying ideas and information visually. Through the exploration of traditional and modern techniques, this course develops students' ability to communicate visually, solve problems creatively, and engage with the design world in meaningful ways.

Syllabus Overview

The GCSE Graphic Communication syllabus is designed to build knowledge and skills in visual communication, fostering creativity and technical expertise. Students will explore areas such as illustration, typography, and digital media to develop design solutions.

The course consists of two components:

1. Personal Portfolio (60%) An internally assessed portfolio showcasing ideas, experimentation, and creative outcomes.
2. Externally Set Assignment (40%) A thematic project culminating in a 10-hour supervised session.



Course Aims:

The course aims to:

- ✓ Develop creative, imaginative, and intuitive skills.
- ✓ Enhance investigative and analytical abilities.
- ✓ Encourage independent thought and artistic expression.
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- 4 AO4 Present a personal and meaningful response.

Each assessment objective is equally weighted at **25%**, contributing to the final grade.

Subject Content

Students will explore the following areas of study:

Advertising: Designing visuals to promote ideas and products.

Typography: Manipulating type to enhance communication.

Illustration: Creating narrative-driven visuals for various purposes.

Skills Developed

Throughout the course, students will develop:

- Innovative thinking and design problem-solving skills.
- Technical proficiency in both traditional and digital media.
- Analytical abilities to critique personal and others' work.
- Confidence in expressing design ideas creatively.



Additional Mathematics

Exam Board:

Cambridge IGCSE -
Additional Mathematics 0606



Course Introduction

Cambridge IGCSE Additional Mathematics deepens learners' understanding of mathematical connections, enhancing their reasoning, problem-solving, and analytical skills. It builds fluency and confidence in using techniques, both with and without a calculator, while preparing learners for advanced study in mathematics or numerate subjects. Designed to challenge able learners, it offers a seamless progression to Cambridge International AS & A Level Mathematics.

Syllabus Overview

The Cambridge IGCSE Additional Mathematics encourages learners to be:

Confident

in using mathematical language and more complex concepts to ask questions, explore ideas and communicate.

Responsible

by taking ownership of their learning to prepare for independent mathematical learning, and applying their mathematical knowledge and skills so that they can reason, problem solve and work collaboratively.

Reflective

by making connections within mathematics and across other subjects, and in evaluating methods and presenting logical arguments to justify solutions.

Innovative

by applying their knowledge and understanding to solve unfamiliar problems creatively, flexibly and efficiently, selecting from a range of mathematical techniques.

Engaged

by the beauty, patterns and structure of mathematics, they are curious to learn about the relevance of its many applications in society and the economy.



Course Aims:

The course aims to:

- ✓ build on existing knowledge and enhance enjoyment of mathematics
- ✓ develop mathematical enquiry and apply it flexibly to different situations
- ✓ strengthen skills to solve complex problems creatively and resiliently
- ✓ improve fluency and confidence in using techniques, with and without a calculator, while enhancing understanding and communication
- ✓ justify reasoning with structured arguments and extend logical thinking to draw conclusions
- ✓ deepen understanding of connections between different areas of mathematics
gain a strong foundation for advanced study in mathematics or numerate subjects.

Content Overview

Knowledge of the content of Cambridge IGCSE Mathematics is assumed. Cambridge IGCSE material which is not included in the subject content, such as surds and indices, will not be tested directly but it may be required in response to questions on other topics. Proofs of results will not be required unless specifically mentioned in the course content. Learners will be expected to be familiar with the scientific notation for the expression of compound units, e.g. 5ms^{-1} for 5 met



Assessment Overview

All candidates take two components. Candidates will be eligible for grades A* to E. Candidates should have a scientific calculator for Paper 2.

Paper 1	2 hours	Paper 2	2 hours
Non-calculator	50%	Calculator	50%
80 marks Structured and unstructured questions Use of a calculator is not allowed Externally assessed		80 marks Structured and unstructured questions A scientific calculator is required Externally assessed	

Subject Content

Learners study the following topics:

- 1 Functions
- 2 Quadratic functions
- 3 Factors of polynomials
- 4 Equations, inequalities and graphs
- 5 Simultaneous equations
- 6 Logarithmic and exponential functions
- 7 Straight-line graphs
- 8 Coordinate geometry of the circle
- 9 Coordinate geometry of the circle
- 10 Circular measure
- 11 Trigonometry
- 12 Permutations and combinations
- 13 Series
- 14 Vectors in two dimensions
- 15 Calculus

Previous study

We recommend that learners starting this course should have studied a mathematics curriculum such as the Cambridge Lower Secondary programme or equivalent national educational framework. Knowledge of the subject content of IGCSE Mathematics (0580) or IGCSE (9–1) Mathematics (0980) is assumed. This includes the use of indices and surds.



Mathematics

Exam Board:
Cambridge IGCSE -
Mathematics 0580



Course Introduction

Cambridge IGCSE Mathematics supports learners in building competency, confidence and fluency in their use of techniques and mathematical understanding. Learners develop a feel for quantity, patterns and relationships, as well as developing reasoning, problem-solving and analytical skills in a variety of abstract and real-life contexts.

Cambridge IGCSE Mathematics provides a strong foundation of mathematical knowledge both for learners studying mathematics at a higher level and those who will require mathematics to support skills in other subjects.

Syllabus Overview

The Cambridge IGCSE Mathematics encourages learners to be:

- Confident** in using mathematical language and techniques to ask questions, explore ideas and communicate.
- Responsible** by taking ownership of their learning, and applying their mathematical knowledge and skills so that they can reason, problem solve and work collaboratively.
- Reflective** by making connections within mathematics and across other subjects, and in evaluating methods and checking solutions.
- Innovative** by applying their knowledge and understanding to solve unfamiliar problems creatively, flexibly and efficiently
- Engaged** by the beauty, patterns and structure of mathematics, becoming curious to learn about its many applications in society and the economy.



Course Aims:

To enable students to:

- ✓ develop a positive attitude towards mathematics in a way that encourages enjoyment, establishes confidence and promotes enquiry and further learning
- ✓ develop a feel for number and understand the significance of the results obtained
- ✓ apply their mathematical knowledge and skills to their own lives and the world around them
- ✓ use creativity and resilience to analyse and solve problems
- ✓ communicate mathematics clearly
- ✓ develop the ability to reason logically, make inferences and draw conclusions
ematics clearly
- ✓ develop fluency so that they can appreciate the interdependence of, and connections between, different areas of mathematics
- ✓ acquire a foundation for further study in mathematics and other subjects.

Content Overview

Cambridge IGCSE Mathematics is tiered to enable effective differentiation for learners. The Extended subject content contains the Core subject content as well as additional content. Learners are expected to use techniques listed in the content and apply them to solve problems with or without the use of a calculator, as appropriate.



Assessment Overview

Extended assessment:

Extended candidates take Paper 2 and Paper 4. The questions are based on the Extended subject content only.

Paper 2	2 hours	Paper 4	2 hours
Non-calculator (Extended)		Calculator (Extended)	
100 marks	50%	100 marks	50%
Structured and unstructured questions		Structured and unstructured questions	
Use of a calculator is not allowed		A scientific calculator is required	
Externally assessed		Externally assessed	

Subject Content

Learners study the following topics:

- 1 Number
- 2 Algebra and graphs
- 3 Coordinate geometry
- 4 Geometry
- 5 Mensuration
- 6 Trigonometry
- 7 Transformations and vectors
- 8 Probability
- 9 Statistics

Additional materials

Learners should have the following geometrical instruments:

- a pair of compasses
- a protractor
- a ruler.

Previous study

We recommend that learners starting this course should have studied a mathematics curriculum such as the Cambridge Lower Secondary programme or equivalent national educational framework.



Biology

Exam Board:

Cambridge IGCSE Biology – 0610



Course Introduction

Cambridge IGCSE Biology develops a set of transferable skills including handling data, practical problem-solving and applying the scientific method. Learners develop relevant attitudes, such as concern for accuracy and precision, objectivity, integrity, enquiry, initiative and inventiveness. They acquire the essential scientific skills required for progression to further studies or employment.

Syllabus Overview

The Cambridge IGCSE Biology encourages learners to be:

Confident

interested in learning about science, questioning ideas and using scientific language to communicate their views and opinions

Responsible

working methodically and safely when working alone or collaboratively with others

Reflective

learning from their experiences and interested in scientific issues that affect the individual, the community and the environment

Innovative

solving unfamiliar problems confidently and creatively

Engaged

keen to develop scientific skills, being curious about scientific principles and their application in the world.



Course Aims:

To enable students to:

- ✓ acquire scientific knowledge and understanding of scientific theories and practice
- ✓ develop a range of experimental skills, including handling variables and working safely
- ✓ use scientific data and evidence to solve problems and discuss the limitations of scientific methods
- ✓ communicate effectively and clearly, using scientific terminology, notation and conventions
- ✓ understand that the application of scientific knowledge can benefit people and the environment
- ✓ enjoy science and develop an informed interest in scientific matters which support further study

Content Overview

All candidates studied the Extended syllabus content (Core and Supplement), and should be entered for Paper 2, Paper 4 and Paper 6. These candidates will be eligible for grades A* to G.



Assessment Overview

Extended assessment:

Extended candidates take Paper 2 and Paper 4. The questions are based on the Extended subject content only.

Paper 2

Multiple Choice (Extended)

45 minutes
40 marks
40 four-option multiple-choice questions

Paper 4

Theory (Extended)

1 hour 15 minutes
80 marks
Short-answer and structured questions
50%
Externally assessed

Practical Assessment

All candidates take one practical paper from a choice of two:

Paper 6

2 hours

Alternative to Practical

1 hour
40 marks
Questions will be based on the experimental skills in Section 4
20%
Externally assessed

Subject Content

Learners study the following topics:

- 1 Characteristics and classification of living organisms
- 2 Organisation of the organism
- 3 Movement into and out of cells
- 4 Biological molecules
- 5 Enzymes
- 6 Plant nutrition
- 7 Human nutrition
- 8 Transport in plants
- 9 Transport in animals
- 10 Diseases and immunity
- 11 Gas exchange in humans
- 12 Respiration
- 13 Excretion in humans
- 14 Coordination and response
- 15 Drugs
- 16 Reproduction
- 17 Inheritance
- 18 Variation and selection
- 19 Organisms and their environment
- 20 Human influences on ecosystems
- 21 Biotechnology and genetic modification



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Business Studies

Exam Board:

Pearson Edexcel International
GCSE in Business (4BS1)



Course Introduction

Edexcel Business introduces learners to the dynamic world of business. Students gain insight into how businesses operate, the challenges they face, and the importance of decision-making in driving success. The course emphasizes analytical thinking, problem-solving, and an understanding of the global economic environment.

IGCSE Business Studies is an excellent foundation for further study in business-related subjects or direct entry into employment.

Syllabus Overview

The Edexcel IGCSE Business Studies encourages learners to be:

Confident

understanding and analyzing business decisions and strategies.

Responsible

considering ethical and sustainable business practices.

Reflective

evaluating business challenges in various contexts.

Innovative

developing creative solutions to business problems.

Engaged

exploring the interconnectedness of business, society, and the economy.



Course Aims:

To enable students to:

- ✓ Develop an interest in and enthusiasm for the study of business
- ✓ Develop an understanding of business concepts, business terminology, business objectives and the integrated nature of business activity
- ✓ Understand how the main types of business are organised, financed and operated
- ✓ Develop and apply knowledge, understanding and skills to contemporary business issues in a wide range of businesses from small enterprises to large multinationals and businesses operating in local, national and global context
- ✓ Develop critical-thinking and enquiry skills to distinguish between facts and opinion, calculating, interpreting and evaluating business data, to help build arguments and make informed judgements
- ✓ Develop an understanding of the dynamics of business activity and the related considerations of ethics and sustainability for global businesses.

Content Overview

Learners study the key aspects of business activity across six main topics:

Understanding Business Activity

- Business objectives and types of organizations
- The concept of added value

People in Business

- Motivation, recruitment, and training
- The role of management and leadership

Marketing

- Market research
- The marketing mix and its applications

Operations Management

- Production processes and quality assurance
- Efficiency and inventory control



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Financial Information and Decisions Financial Information and Decisions

- Sources of finance and financial documents
- Break-even analysis and profit calculations

The External Environment

- Economic, legal, and ethical influences
- Globalization and its impact on businesses

Assessment Details

Paper 1: Investigating small businesses

This paper will draw on topics taken from the whole of the subject content.

Paper 2: Investigating large businesses

This paper will draw on topics taken from the whole of the subject content.

Students are graded from 9 – 1



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Chemistry

Exam Board:

Cambridge International IGCSE
Chemistry - 0620



Course Introduction

Cambridge IGCSE Chemistry develops a set of transferable skills including handling data, practical problem-solving and applying the scientific method. Learners develop relevant attitudes, such as concern for accuracy and precision, objectivity, integrity, enquiry, initiative and inventiveness. They acquire the essential scientific skills required for progression to further studies or employment.

Syllabus Overview

The Cambridge IGCSE Chemistry encourages learners to be:

Confident

interested in learning about science, questioning ideas and using scientific language to communicate their views and opinions

Responsible

working methodically and safely when working alone or collaboratively with others

Reflective

learning from their experiences and interested in scientific issues that affect the individual, the community and the environment

Innovative

solving unfamiliar problems confidently and creatively

Engaged

keen to develop scientific skills, being curious about scientific principles and their application in the world.



Course Aims:

To enable students to:

- ✓ acquire scientific knowledge and understanding of scientific theories and practice
- ✓ develop a range of experimental skills, including handling variables and working safely
- ✓ use scientific data and evidence to solve problems and discuss the limitations of scientific methods
- ✓ communicate effectively and clearly, using scientific terminology, notation and conventions
- ✓ understand that the application of scientific knowledge can benefit people and the environment
- ✓ enjoy science and develop an informed interest in scientific matters which support further study

Content Overview

All candidates studied the Extended syllabus content (Core and Supplement), and should be entered for Paper 2, Paper 4 and Paper 6. These candidates will be eligible for grades A* to G.

Subject Content

- | | |
|---------------------------------|--|
| 1 States of matter | 7 Acids, bases and salts |
| 2 Atoms, elements and compounds | 8 The Periodic Table |
| 3 Stoichiometry | 9 Metals |
| 4 Electrochemistry | 10 Chemistry of the environment |
| 5 Chemical energetics | 11 Organic chemistry |
| 6 Chemical reactions | 12 Experimental techniques and chemical analysis |



Assessment Overview

Extended assessment:

Extended candidates take Paper 2 and Paper 4. The questions are based on the Extended subject content only.

Paper 2

Multiple Choice (Extended)

45 minutes
40 marks
40 four-option multiple-choice questions

Paper 4

Theory (Extended)

1 hour 15 minutes
80 marks
Short-answer and structured questions
50%
Externally assessed

Practical Assessment

All candidates take one practical paper from a choice of two:

Paper 6

2 hours

Alternative to Practical

1 hour
40 marks
Questions will be based on the experimental skills in Section 4
20%
Externally assessed

Students starting in August 2025 will complete their Chemistry IGCSE course and sit the external examinations in June 2027.



First Language Chinese

Exam Board:

First Language Chinese - 0509



Course Introduction

Cambridge IGCSE First Language Chinese is designed for learners whose mother tongue is Chinese. The course enables learners to communicate clearly, accurately, and effectively in writing, while also developing critical reading and analytical skills. Students will explore a variety of genres, including Classical Chinese texts, deepening their cultural and linguistic understanding. This course lays a strong foundation for advanced studies and professional communication.

Syllabus Overview

Cambridge IGCSE First Language Chinese is designed for learners whose mother tongue is Chinese. The course enables learners to communicate clearly, accurately, and effectively in writing, while also developing critical reading and analytical skills. Students will explore a variety of genres, including Classical Chinese texts, deepening their cultural and linguistic understanding. This course lays a strong foundation for advanced studies and professional communication.





Course Aims:

To enable students to:

- ✓ Read a wide range of texts fluently and with good understanding, enjoying and appreciating different styles of language.
- ✓ Write accurately and effectively, using standard language and appropriate character formation.
- ✓ Develop skills in critical evaluation, analysis, synthesis, and inference.
- ✓ Acquire and apply a wide vocabulary alongside grammatical knowledge
- ✓ Enjoy science and develop an informed interest in scientific matters which support further study

Assessment Structure

The course is assessed through two components, each contributing 50% to the final grade:

Paper 1: Reading and Directed Writing (2 hours 15 minutes)

Paper 2: Writing (2 hours)

Assessment Objective	Paper 1	Paper 2
AO1 Reading	83.5	0
AO2 Writing	16.5	100
Total	100	100

Assessment objectives as a percentage of the qualification

Assessment Objective	Weighting in IGCSE %
AO1 Reading	40
AO2 Writing	60
Total	100



Assessment Objectives

AO1: identify and interpret explicit information and attitudes; identify and interpret implicit information and attitudes demonstrate understanding of how writers use language and structure to achieve effects and influence readers; analyse and evaluate facts, ideas and opinions; select information for specific purposes.

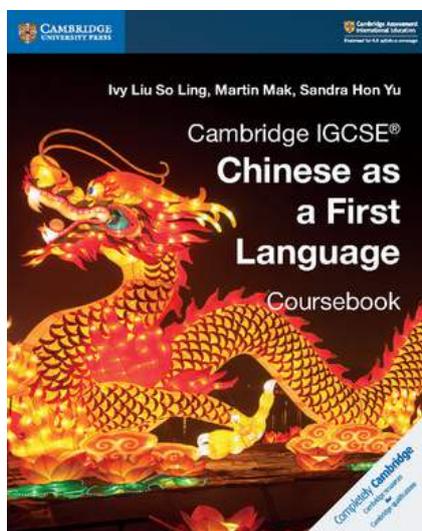
AO2: communicate clearly, effectively and imaginatively, synthesise information, sequence facts and develop ideas and opinions, use a range of appropriate vocabulary, use tone, style and register appropriate to audience and context, write characters correctly and make accurate use of characters, punctuation and grammar

Subject Content

The syllabus covers the following areas:

- Reading: Engaging with fiction, non-fiction, and Classical Chinese texts to analyze language, ideas, and viewpoints.
- Writing: Producing coherent and imaginative pieces for various purposes and audiences.
- Cultural Exploration: Studying Classical Chinese to deepen understanding of historical contexts and literary heritage.

Current textbook being studied in Chinese Foreign Language:





Mandarin (Foreign Language)

Exam Board:

Cambridge IGCSE Mandarin
Chinese - 0547



Course Introduction

Cambridge IGCSE Mandarin Chinese develops essential language skills and cultural awareness. Students learn to communicate confidently and effectively in Mandarin Chinese, engage in meaningful conversations, and explore the rich culture and history of Chinese-speaking countries. This course prepares students for further studies or career opportunities, equipping them with transferable skills essential for real-world success.

Syllabus Overview

The Cambridge IGCSE Mandarin Chinese syllabus encourages learners to be:

- Confident** Using language accurately and fluently in various situations.
- Responsible** Taking initiative to improve and apply language skills.
- Reflective** Considering how to communicate ideas effectively.
- Innovative** Adapting language to new and diverse scenarios.
- Engaged** Understanding cultural contexts and global perspectives.



Course Aims:

To enable students to:

- ✓ Develop the language proficiency required to communicate effectively in Mandarin Chinese.
- ✓ Gain insights into the culture and society of Chinese-speaking communities.
- ✓ Build a strong foundation for further language studies and interdisciplinary learning.
- ✓ Encourage positive attitudes towards other cultures and languages.
- ✓ Provide enjoyment and intellectual stimulation through language learning.
- ✓ Develop transferable skills such as memorization and inference.

Assessment Structure

At Charterhouse Malaysia, students take:

Paper 1: Listening (40 minutes)

Paper 2: Reading (1 hour 15 minutes)

Paper 3: Speaking (10 minutes)

Paper 4: Writing (1 hour 15 minutes)

Assessment Objectives

AO1: understand the main points and key information in simple everyday material, understand clear speech on a range of familiar topics, understand the description of events and expression of ideas, opinions and attitudes in simple texts and able to identify and select relevant information in predictable texts.

AO2: understand the main points and key information in simple everyday material, understand authentic factual texts on a range of familiar topics, understand the description of events and expression of ideas, opinions and attitudes in simple texts and able identify and select relevant information in predictable texts.



AO3: communicate clearly and effectively in a range of predictable everyday situations, engage in conversations on familiar topics, expressing opinions and feelings, use a range of structures and vocabulary with reasonable accuracy, demonstrate some ability to maintain interaction and show some control of pronunciation and intonation

AO4: communicate simple factual information clearly for everyday purposes, write simple phrases and sentences on a familiar topic, write simple connected texts describing events, experiences, opinions and hopes and ambitions and use a range of simple vocabulary and language structures reasonably accurately.

All candidates take all four papers. Candidates will be eligible for grades A* to G.

All candidates take:

Paper 1

Listening

Approximately 40 minutes
30 marks
25%

Candidates listen to a number of recordings and answer multiple-choice and matching questions.
Externally assessed

and:

Paper 2

Reading

1 hour 15 minutes
40 marks
25%

Candidates read a number of texts and answer multiple-choice and matching questions as well as questions requiring short answers.
Externally assessed

and:

Paper 3

Speaking

Approximately 10 minutes
40 marks
25%

Candidates complete one role play and conversations on two topics.
Internally assessed and externally moderated

and:

Paper 4

Writing

1 hour 15 minutes
45 marks
25%

Candidates complete one form-filling task, one directed writing task and one task in the format of an email/letter or article/blog.
Externally assessed

Subject Content

The Cambridge IGCSE Chinese - Foreign Language syllabus covers a variety of useful topics. In Everyday Activities, students learn about time, food, health, and transport. Personal and Social Life focuses on self, family, home, colours, clothing, and leisure. The World Around Us includes people, places, nature, weather, technology, and buildings. The World of Work covers education and jobs. Finally, The International World introduces countries, languages, cultures, and celebrations.



**Current textbook being studied in
Chinese Foreign Language**



CHARTERHOUSE
MALAYSIA

Computer Science

Exam Board:

Cambridge IGCSE -
Computer Science 0478



Course Introduction

Cambridge IGCSE Computer Science provides an ideal foundation in computer science. Learners gain confidence in computational thinking and programming, an appreciation of automated and emerging technologies and the benefits of their use. They develop an understanding of the main principles of problem-solving by creating computer-based solutions using algorithms and a high-level programming language. Learners also develop a range of technical skills including the ability to test effectively and to evaluate solutions.

Syllabus Overview

The Cambridge IGCSE Computer Science encourages learners to be:

Confident

interested in learning about computer science and using technical language to communicate their knowledge and understanding.

Responsible

working systematically, safely and securely when using technology.

Reflective

learning from their experiences when creating programs and using technology; understanding how technology impacts society.

Innovative

solving unfamiliar problems and designing computer programs creatively and independently.

Engaged

keen to develop computer science skills and further their understanding of developments in the use of technology.



Course Aims:

To enable students to develop:

- ✓ Computational thinking skills
- ✓ An understanding of the main principles of solving problems using computers
 - ✓ the skills necessary to solve computer-based problems using a high-level programming language
 - ✓ an understanding of the component parts of computer systems and how they interrelate
 - ✓ an understanding of the internet as a means of communication and its associated risks
 - ✓ an understanding of the development and use of automated and emerging technologies.

Content Overview

The IGCSE Computer Science course allows learners to engage in a challenging and interesting programme. Computer Science involves practical exercises to develop computational thinking, problem-solving, and programming skills. Learners will write, run, test, and debug their own programs.

Assessment Overview

AO1: understand the main points and key information in simple everyday material, understand clear speech on a range of familiar topics, understand the description of events and expression of ideas, opinions and attitudes in simple texts and able to identify and select relevant information in predictable texts.

AO2: understand the main points and key information in simple everyday material, understand authentic factual texts on a range of familiar topics, understand the description of events and expression of ideas, opinions and attitudes in simple texts and able identify and select relevant information in predictable texts.

All candidates take:

Paper 1

Computer Systems

1 hour 45 minutes
75 marks
50%
Short-answer and structured questions
Questions will be based on Topics 1–6 of the subject content
All questions are compulsory
No calculators are permitted
Externally assessed

and:

Paper 2

Algorithms, Programming and Logic

1 hour 45 minutes
75 marks
50%
Short-answer and structured questions and a scenario-based question
Questions will be based on Topics 7–10 of the subject content
All questions are compulsory
No calculators are permitted
Externally assessed



Subject Content

Learners study the following topics:

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

Mathematical requirements

Calculators are not permitted in IGCSE Computer Science examinations.

Learners should be able to:

- add, subtract, multiply and divide
- use averages, random numbers, decimals, fractions, percentages and ratios
- use both positive and negative integers, and real numbers
- use arithmetic and Boolean operators
- use different number systems, including binary, denary and hexadecimal
- use methods of counting, totalling and rounding.





Drama

Exam Board:

Cambridge IGCSE -
Computer Science 0478



Course Introduction

Cambridge IGCSE Drama provides opportunities for learners to develop practical skills in performance, both as an individual and within a group. Learners will understand the artistic choices made by actors, directors and designers, and about theatrical styles and genres. They will be presenting performances for an audience and exploring how to develop their own ideas in creating original drama.

As a subject, Drama is an excellent choice for cultivating learners' creativity, empathy, collaboration and communication skills.

Syllabus Overview

The Cambridge IGCSE Drama encourages learners to be:

Confident

developing practical skills to deliver dramatic performance for an audience.

Responsible

developing shared responsibility working with others and understanding the power of drama to engage, influence and persuade.

Reflective

engaging with performance processes, and using them to inform future practice.

Innovative

creating original dramatic work and formulating imaginative responses to existing repertoire.

Engaged

developing their enjoyment of drama to support their practical, intellectual and artistic growth.



Course Aims:

To enable students to:

- ✓ an understanding of the dramatic process of moving from script to performance
- ✓ an interest in and enjoyment of drama and theatre
- ✓ skills in devising original drama
- ✓ practical performance skills as individuals and within a group
- ✓ an understanding of, and engagement with, the role of actor, director and designer in creating a piece of drama
- ✓ an understanding of how performers communicate with an audience.

Content Overview

Learners develop an understanding and enjoyment of drama through practical and theoretical study. Candidates will study:

- the elements of practical drama.
- how to work with extracts from published plays as an actor, director and designer.
- how to devise, develop and structure their own original dramatic material from stimuli such as short titles, poems, pictures, songs, historical events and stories.
- how to evaluate their contribution to the devising process and the success of the final piece.
- how to use staging and design as part of a dramatic performance.
- individual and group performance skills and how they are applied to create character and communicate meaning to an audience.

All candidates take:

Component 1

Written examination

2 hours 30 minutes
80 marks
40%

Candidates answer:

- all questions in Section A
- two questions in Section B (one compulsory question and one question from a choice of two)
- both questions in Section C
- Externally assessed

and:

Component 2

Coursework

Coursework
120 marks
60%

Candidates submit three pieces of practical work:

- individual performance based on an extract from a play
- group performance based on an extract from a play
- group performance based on an original devised piece
- Internally assessed and externally moderated



CHARTERHOUSE
MALAYSIA

Economics

Exam Board:

Cambridge International IGCSE
Economics - 0455



Course Introduction

Cambridge International IGCSE Economics introduces learners to the fundamentals of economic theory and practice. The course explores how individuals, businesses, governments, and societies make decisions about resource allocation. It emphasizes analytical thinking, critical evaluation, and real-world application, preparing students for further study or careers in economics, business, or policymaking.

Syllabus Overview

The Cambridge International IGCSE Economics syllabus encourages learners to be:

- Confident** understanding and explaining economic concepts and data.
- Responsible** evaluating the impact of economic decisions on society and the environment.
- Reflective** analysing the causes and consequences of economic trends and policies.
- Innovative** developing creative approaches to solving economic challenges.
- Engaged** exploring the role of economics in shaping the modern world.



Course Aims:

To enable students to:

- ✓ Develop an understanding of basic economic principles and their practical application
- ✓ Equip learners with the skills to interpret and analyse economic data.
- ✓ Enable learners to evaluate economic policies and their effects on various stakeholders.
- ✓ Foster an awareness of global economic issues and interdependence.
- ✓ Build a strong foundation for advanced study in economics and related disciplines.

Content Overview

Learners study four main sections, covering both microeconomic and macroeconomic principles:

1. **The Basic Economic Problem**
 - Scarcity and resource allocation
 - Opportunity cost and decision-making
2. **The Allocation of Resources**
 - How markets work, demand and supply
 - Price determination and elasticity
3. **Microeconomic Decision Makers**
 - The role of households, workers, and firms
 - Types of business organizations and market structures
4. **The Government and the Economy**
 - Fiscal and monetary policy
 - Inflation, unemployment, and economic growth
5. **Economic Development**
 - Differences between developed and developing economies
 - Sustainable development and globalization
6. **International Trade and Global Economy**
 - Benefits and challenges of trade
 - Exchange rates and balance of payments



Assessment Details

To enable students to:

Paper 1: Multiple Choice (30%)

Covers all topics in a structured multiple-choice format.

Paper 2: Structured Questions (70%)

Scenario-based and data-response questions, requiring written explanations and analysis.

All candidates take all four papers. Candidates will be eligible for grades A* to G.

All candidates take:

Paper 1

Multiple Choice

1 hour
40 marks
30%
Candidates answer 40 multiple-choice questions.
Externally assessed

and:

Paper 2

Structured Questions

2 hours
80 marks
70%
Candidates answer one compulsory question with six parts in Section A and three questions from a choice of four in Section B.
Externally assessed



English as a Second Language

Exam Board:

Cambridge International IGCSE
English as a Second Language-
0510/0511



Course Introduction

Cambridge IGCSE English as a Second Language develops skills for understanding and communicating in a range of situations in English. These skills include the ability to understand written and spoken texts and selecting relevant information from them. This information may be directly stated or implied. Learners develop the linguistic skills required for progression to further studies or employment through being able to communicate clearly in writing and speaking, on both familiar and less familiar topics.

Syllabus Overview

The Cambridge International IGCSE English as a Second Language encourages learners to be

Confident

using a range of language to communicate ideas and information effectively in writing and speaking

Responsible

seeking opportunities to use and develop their language skills

Reflective

considering different opinions and information in written or spoken form, and responding to them appropriately

Innovative

using language creatively to express ideas and information

Engaged

developing different learning strategies and using their language skills in a range of situations.



Course Aims:

To enable students to:

- ✓ develop learners' ability to use English effectively for the purpose of practical communication
- ✓ develop learners' awareness of the nature of language and language-learning skills
- ✓ develop transferable skills to complement other areas of the curriculum
- ✓ promote learners' personal development and enjoyment.

Content Overview

The Cambridge IGCSE English as a Second Language course develops practical communication skills in reading, writing, listening, and speaking through a variety of texts and spoken materials. Learners will gain the ability to understand, interpret, and respond accurately and effectively in diverse contexts, preparing them for further study and real-world communication.





All candidates take:

Paper 1

Reading and Writing

2 hours
60 marks
70%
Candidates respond to six exercises: four reading and two writing
Structured and essay style questions
Externally assessed

and:

Paper 2

Listening

Approximately 50 minutes
40 marks
30%
Candidates listen to five exercises of short and longer texts
Multiple-choice style questions
Externally assessed

All candidates take all four papers. Candidates will be eligible for grades A* to G.

All candidates take:

Paper 1

Reading and Writing

2 hours
60 marks
50%
Candidates respond to six exercises: four reading and two writing
Structured and essay style questions
Externally assessed

and:

Paper 2

Listening

Approximately 50 minutes
40 marks
25%
Candidates listen to five exercises of short and longer texts
Multiple-choice style questions
Externally assessed

and:

Paper 3

Speaking

Approximately 10–15 minutes
40 marks
25%
Candidates take part in an interview, short talk and discussion
Internally assessed and externally moderated



CHARTERHOUSE
MALAYSIA

English (First Language)

Exam Board:

Cambridge International IGCSE
First Language English - 0500



Course Introduction

Cambridge IGCSE First Language English develops candidates' language skills, supporting and encouraging them to become appreciative and critical readers, writers, speakers and listeners. The course offers candidates the opportunity to respond with understanding to a rich variety of reading texts. Candidates use these texts to inform and inspire their own writing, and write in a range of text types for different purposes and audiences. Candidates develop both their speaking and their listening skills, delivering presentations and engaging in conversations.

Syllabus Overview

The Cambridge IGCSE First Language English course encourages learners to be:

- Confident** in communicating ideas, opinions and interpretations accurately and persuasively
- Responsible** in considering the ways in which the choices made by writers and speakers might influence and affect others
- Reflective** in identifying and understanding the ways in which they might adapt, develop and refine their spoken and written responses
- Innovative** in crafting and experimenting with their own style of written and spoken language
- Engaged** in exploring a wide variety of written and spoken texts; listening and reading critically, both independently and with others.



Course Aims:

To enable students to:

- ✓ read a wide range of texts, fluently and with good understanding, enjoying, exploring and appreciating a variety of language
- ✓ read critically, and to use knowledge gained from reading to inform and improve their own writing
- ✓ write accurately and effectively, using English language appropriate to audience, purpose and form
- ✓ work with information and with ideas in language by developing skills of evaluation, analysis, use and inference
- ✓ listen to, understand and use spoken English effectively, developing a range of spoken language strategies
- ✓ acquire and apply a wide vocabulary, alongside a knowledge and understanding of grammatical terminology and linguistic conventions.

Content Overview

Learners study a range of non-fiction texts, developing appreciation of form, language, audience and purpose and producing their own reports, articles, speeches, interviews, formal letters and journal entries. The coursework folder includes original student-crafted narrative, descriptive and discursive compositions.

All candidates take:

Paper 1

Reading

2 hours
80 marks
50%
Structured and extended writing questions
Questions will be based on three reading texts
Externally assessed

and:

Component 3

Coursework Portfolio

Coursework Portfolio
80 marks
50%
Three extended writing assignments
Internally assessed and externally moderated

Subject Content

Students starting in August 2026 will complete both their IGCSE English Literature and IGCSE First Language English courses, sitting the external examinations in June 2028.

The Literature and First Language courses are taught alongside each other to optimise development of the range of skills and techniques learners will use in the appreciation and creation of a wide range of fiction and non-fiction texts.



English Literature

Exam Board:

Cambridge International IGCSE
Literature in English - 0475



Course Introduction

Cambridge IGCSE Literature in English offers learners the opportunity to read, interpret, evaluate and respond to a range of literature in English. The complete course includes study in all of drama, prose and poetry from the works of Shakespeare to contemporary literature. This course enables learners to deepen their understanding and appreciation of the ways in which writers use English to express meaning and achieve effects. Learners are stimulated to read for pleasure and to explore wider and universal issues, promoting a better understanding of themselves and the world and the world around them.

Course Aims

The Cambridge IGCSE First Language English course encourages learners to be:

- ✓ enjoy the experience of reading literature
- ✓ understand and respond to literary texts in different forms and from different periods and cultures
- ✓ communicate an informed personal response appropriately and effectively
- ✓ appreciate different ways in which writers achieve their effects
- ✓ experience literature's contribution to aesthetic, imaginative and intellectual growth
- ✓ explore the contribution of literature to an understanding of areas of human concern



Syllabus Overview

Learners develop an understanding of literal meaning, relevant contexts and of the deeper themes or attitudes that may be expressed. Through their studies, they learn to recognise and appreciate the ways in which writers use English to achieve a range of effects, and will be able to present an informed, personal response to the material they have studied.

Content Overview

At Charterhouse Malaysia, students take:

Paper 1: Poetry and Prose

Paper 3: Drama

Paper 4: Unseen

Assessment Objective

AO1: Show detailed knowledge of the content of literary texts in the three main forms (drama, poetry and prose), supported by reference to the text.

AO2: Understand the meanings of literary texts and their contexts, and explore texts beyond surface meanings to show deeper awareness of ideas and attitudes.

AO3: Recognise and appreciate ways in which writers use language, structure and form to create and shape meanings and effects.

AO4: Communicate a sensitive and informed personal response to literary texts



Assessment Overview

Paper 1

Poetry and Prose

1 hour 30 minutes
50 marks
50%
Two questions on two texts: one poetry and one prose
Externally assessed

Paper 2

Drama (Open Text)

45 minutes
25 marks
25%
One question on one text
Externally assessed

Paper 4

Unseen

1 hour 15 minutes
25 marks
25%
One question requiring critical commentary
Externally assessed

Current texts being studied in Literature:

- Paper 1: Songs of Ourselves Volume 1 and To Kill A Mockingbird – Harper Lee
- Paper 3: A Midsummer Night's Dream – William Shakespeare



Enterprise

Exam Board:

Cambridge Enterprise IGSCSE
(0454)



Course Introduction

Cambridge IGCSE Enterprise encourages learners to develop their understanding and the practical skills associated with the work environment and the running of a small enterprise. The syllabus provides the knowledge associated with running a small enterprise and an opportunity for learners to apply this knowledge in a practical and engaging way when running their own enterprise project. The course is assessed through coursework which is based on their own mini enterprise and a written paper.

Course Aims

The Cambridge IGCSE First Language English course encourages learners to be:

- ✓ Understand what it means to be enterprising, and the skills required to be enterprising
- ✓ Develop the ability to work in an enterprising and independent way
- ✓ Develop and apply knowledge, understanding and skills to contemporary enterprise issues in a range of local, national and global contexts
- ✓ Appreciate the roles and perspectives of a range of other people and organisations involved in enterprise and the importance of ethical considerations.
- ✓ Investigate the world of work and entrepreneurial organisations
- ✓ Develop the ability to communicate effectively, in a variety of situations, using a range of appropriate techniques
- ✓ Make effective use of relevant terms, concepts and methods when discussing enterprise and enterprising behaviour.



Syllabus Overview

Cambridge IGCSE Enterprise is a unique syllabus that brings the world of business into the classroom and gives learners a clear insight into what it means to think like an entrepreneur. This is the first Cambridge IGCSE syllabus which asks learners to adopt the thoughts and actions of entrepreneurs, developing their knowledge and understanding of the practicalities of setting up and running their own new enterprise. Cambridge IGCSE Enterprise equips learners with a range of vital life skills for use in planning and organisation, communication and financial management.

Content Overview

- Introduction to enterprise
- Setting up a new enterprise
- Enterprise skills
- Enterprise opportunities, risk, legal obligations and ethical considerations
- Negotiation
- Finance
- Business planning
- Markets and customers
- Help and support for enterprise
- Communication

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

All candidates take:

Paper 1

Poetry and Prose

1 hour 30 minutes
100 marks
50%
Short-answer, structured and open-ended questions
This paper is based on a pre-released case study
Candidates answer all questions
Externally assessed

and:

Component 2

Coursework

60 marks
50%
Portfolio of evidence from tasks based on candidates' own enterprise project
Internally assessed and externally moderated



French IGCSE

Exam Board:

Cambridge International French
IGCSE - 0520



Course Introduction

Cambridge IGCSE French develops a set of transferable skills for understanding and communicating in everyday situations in French. Learners begin to develop cultural awareness of countries and communities where French is spoken. They acquire the essential linguistic skills required for progression to further studies or employment.

Course Aims

The Cambridge IGCSE First Language English course encourages learners to be:

- ✓ develop the language proficiency required to communicate effectively in French
- ✓ offer insights into the culture and society of countries and communities where French is spoken
- ✓ develop awareness of the nature of language and language learning
- ✓ encourage positive attitudes towards speakers of other languages and a sympathetic approach to other cultures
- ✓ provide enjoyment and intellectual stimulation
- ✓ develop transferable skills to complement other areas of the curriculum
- ✓ form a sound base of the skills, language and attitudes required for progression to work or further study, either in French or another subject area.



Syllabus Overview

The Cambridge International IGCSE French-Foreign Language program encourages learners to develop essential qualities by engaging actively with the language. It fosters confidence as students use both new and familiar structures and vocabulary to communicate effectively in everyday situations. They become responsible by seeking opportunities to enhance their language skills, while also learning to be reflective by considering how best to convey different ideas and attitudes. The program promotes innovation, as learners apply their language knowledge across various contexts, and encourages engagement by developing strategies that help them express their ideas and understand different cultures.

Content Overview

At Charterhouse Malaysia, students take:

- Paper 1: Listening
- Paper 2: Reading
- Paper 3: Speaking
- Paper 4: Writing

Assessment Objectives

AO1: understand the main points and key information in simple everyday material, understand clear speech on a range of familiar topics, understand the description of events and expression of ideas, opinions and attitudes in simple texts and able to identify and select relevant information in predictable texts.

AO2: understand the main points and key information in simple everyday material, understand authentic factual texts on a range of familiar topics, understand the description of events and expression of ideas, opinions and attitudes in simple texts and able identify and select relevant information in predictable texts.

AO3: communicate clearly and effectively in a range of predictable everyday situations, engage in conversations on familiar topics, expressing opinions and feelings, use a range of structures and vocabulary with reasonable accuracy, demonstrate some ability to maintain interaction and show some control of pronunciation and intonation

AO4: communicate simple factual information clearly for everyday purposes, write simple phrases and sentences on a familiar topic, write simple connected texts describing events, experiences, opinions and hopes and ambitions and use a range of simple vocabulary and language structures reasonably accurately.

The Cambridge IGCSE French-Foreign Language syllabus covers a variety of useful topics. In Everyday Activities, students learn about time, food, health, and transport. Personal and Social Life focuses on self, family, home, colours, clothing, and leisure. The World Around Us includes people, places, nature, weather, technology, and buildings. The World of Work covers education and jobs. Finally, The International World introduces countries, languages, cultures, and celebrations.



CHARTERHOUSE
MALAYSIA

Malay - Foreign Language

Exam Board:

Cambridge International IGCSE
Malay Foreign Language - 0546



Course Introduction

Cambridge IGCSE Malay develops a set of transferable skills for understanding and communicating in everyday situations in Malay. Learners begin to develop cultural awareness of countries and communities where Malay is spoken. They acquire the essential linguistic skills required for progression to further studies or employment.

Course Aims

The Cambridge IGCSE First Language English course encourages learners to be:

- ✓ develop the language proficiency required to communicate effectively in Malay
- ✓ offer insights into the culture and society of countries and communities where Malay is spoken
- ✓ develop awareness of the nature of language and language learning
- ✓ encourage positive attitudes towards speakers of other languages and a sympathetic approach to other cultures
- ✓ provide enjoyment and intellectual stimulation
- ✓ develop transferable skills to complement other areas of the curriculum
- ✓ form a sound base of the skills, language and attitudes required for progression to work or further study, either in Malay or another subject area.



Syllabus Overview

The Cambridge International IGCSE Malay-Foreign Language program encourages learners to develop essential qualities by engaging actively with the language. It fosters confidence as students use both new and familiar structures and vocabulary to communicate effectively in everyday situations. They become responsible by seeking opportunities to enhance their language skills, while also learning to be reflective by considering how best to convey different ideas and attitudes. The program promotes innovation, as learners apply their language knowledge across various contexts, and encourages engagement by developing strategies that help them express their ideas and understand different cultures.

Content Overview

At Charterhouse Malaysia, students take:

Paper 1: Listening

Paper 2: Reading

Paper 3: Speaking

Paper 4: Writing

Assessment Objective

AO1: understand the main points and key information in simple everyday material, understand clear speech on a range of familiar topics, understand the description of events and expression of ideas, opinions and attitudes in simple texts and able to identify and select relevant information in predictable texts.

AO2: understand the main points and key information in simple everyday material, understand authentic factual texts on a range of familiar topics, understand the description of events and expression of ideas, opinions and attitudes in simple texts and able identify and select relevant information in predictable texts.

AO3: communicate clearly and effectively in a range of predictable everyday situations, engage in conversations on familiar topics, expressing opinions and feelings, use a range of structures and vocabulary with reasonable accuracy, demonstrate some ability to maintain interaction and show some control of pronunciation and intonation

AO4: communicate simple factual information clearly for everyday purposes, write simple phrases and sentences on a familiar topic, write simple connected texts describing events, experiences, opinions and hopes and ambitions and use a range of simple vocabulary and language structures reasonably accurately.



All candidates take:

Paper 1

Listening

Approximately 50 minutes

40 marks

25%

Candidates listen to a number of recordings and answer multiple-choice and matching questions.

Externally assessed

and:

Paper 2

Reading

1 hour

45 marks

25%

Candidates read a number of texts and answer multiple-choice and matching questions as well as questions requiring short answers.

Externally assessed

and:

Paper 3

Speaking

Approximately 10 minutes

40 marks

25%

Candidates complete one role play and conversations on two topics.

Internally assessed and externally moderated

and:

Paper 4

Writing

1 hour

45 marks

25%

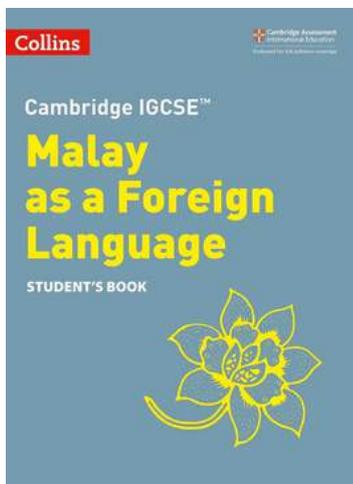
Candidates complete one form-filling task, one directed writing task and one task in the format of an email/letter or article/blog.

Externally assessed

Subject Content

The Cambridge IGCSE Malay-Foreign Language syllabus covers a variety of useful topics. In Everyday Activities, students learn about time, food, health, and transport. Personal and Social Life focuses on self, family, home, colours, clothing, and leisure. The World Around Us includes people, places, nature, weather, technology, and buildings. The World of Work covers education and jobs. Finally, The International World introduces countries, languages, cultures, and celebrations.

Current textbook being studied in Malay Foreign Language





Spanish

Exam Board:

Cambridge International Spanish
IGCSE - 0530



Course Introduction

Cambridge IGCSE Spanish develops a set of transferable skills for understanding and communicating in everyday situations in Spanish. Learners begin to develop cultural awareness of countries and communities where Spanish is spoken. They acquire the essential linguistic skills required for progression to further studies or employment.

Course Aims

The Cambridge IGCSE First Language English course encourages learners to be:

- ✓ develop the language proficiency required to communicate effectively in Spanish
- ✓ offer insights into the culture and society of countries and communities where Spanish is spoken
- ✓ develop awareness of the nature of language and language learning
- ✓ encourage positive attitudes towards speakers of other languages and a sympathetic approach to other cultures
- ✓ provide enjoyment and intellectual stimulation
- ✓ develop transferable skills to complement other areas of the curriculum
- ✓ form a sound base of the skills, language and attitudes required for progression to work or further study, either in Spanish or another subject area.



Syllabus Overview

The Cambridge International IGCSE Spanish-Foreign Language program encourages learners to develop essential qualities by engaging actively with the language. It fosters confidence as students use both new and familiar structures and vocabulary to communicate effectively in everyday situations. They become responsible by seeking opportunities to enhance their language skills, while also learning to be reflective by considering how best to convey different ideas and attitudes. The program promotes innovation, as learners apply their language knowledge across various contexts, and encourages engagement by developing strategies that help them express their ideas and understand different cultures.

Content Overview

At Charterhouse Malaysia, students take:

Paper 1: Listening

Paper 2: Reading

Paper 3: Speaking

Paper 4: Writing

Assessment Objective

AO1: understand the main points and key information in simple everyday material, understand clear speech on a range of familiar topics, understand the description of events and expression of ideas, opinions and attitudes in simple texts and able to identify and select relevant information in predictable texts.

AO2: understand the main points and key information in simple everyday material, understand authentic factual texts on a range of familiar topics, understand the description of events and expression of ideas, opinions and attitudes in simple texts and able identify and select relevant information in predictable texts.

AO3: communicate clearly and effectively in a range of predictable everyday situations, engage in conversations on familiar topics, expressing opinions and feelings, use a range of structures and vocabulary with reasonable accuracy, demonstrate some ability to maintain interaction and show some control of pronunciation and intonation

AO4: communicate simple factual information clearly for everyday purposes, write simple phrases and sentences on a familiar topic, write simple connected texts describing events, experiences, opinions and hopes and ambitions and use a range of simple vocabulary and language structures reasonably accurately.



All candidates take:

Paper 1

Listening

Paper 1
Approximately 50 minutes
40 marks
25%
Candidates listen to a number of recordings and answer multiple-choice and matching questions.
Externally assessed

and:

Paper 2

Reading

1 hour
45 marks
25%
Candidates read a number of texts and answer multiple-choice and matching questions as well as questions requiring short answers.
Externally assessed

and:

Paper 3

Speaking

Approximately 10 minutes
40 marks
25%
Candidates complete one role play and conversations on two topics.
Internally assessed and externally moderated

and:

Paper 4

Writing

1 hour
45 marks
25%
Candidates complete one form-filling task, one directed writing task and one task in the format of an email/letter or article/blog.
Externally assessed

Subject Content

The Cambridge IGCSE Spanish-Foreign Language syllabus covers a variety of useful topics. In Everyday Activities, students learn about time, food, health, and transport. Personal and Social Life focuses on self, family, home, colours, clothing, and leisure. The World Around Us includes people, places, nature, weather, technology, and buildings. The World of Work covers education and jobs. Finally, The International World introduces countries, languages, cultures, and celebrations.

Current textbook being studied in Spanish Foreign Language





Geography

Exam Board:

Cambridge IGCSE –
Geography 0460 (for examination
from 2027 onwards)



Course Introduction

Cambridge IGCSE Geography encourages learners to think like a geographer and apply their knowledge and understanding to local, regional, national and global contexts. The syllabus provides opportunities to explore key geographical ideas through the study of a range of topics and develop transferable skills, including the ability to use geographical data and information to make informed decisions.

Syllabus Overview

The Cambridge IGCSE Geography encourages learners to be:

Confident

using geographical data to make decisions and interpret the world around them in an analytical and evaluative way.

Responsible

and aware of the role present and future generations have in creating sustainable solutions to a range of global issues

Reflective

considering the similarities and differences between and within different communities and economies.

Innovative

by encouraging and being open to resourceful and technological solutions to geographical issues.

Engaged

with geographical issues, ideas and solutions that will have positive long-term impacts on the physical and human environment



Course Aims:

To enable students to:

- ✓ build a core understanding of geographical concepts and processes and apply this to understand and interpret our changing world.
- ✓ develop a sense of place, space and location, and understand the importance of scale.
- ✓ develop the ability to interpret and evaluate different types of geographical information.
- ✓ develop an understanding of the need for accuracy and objectivity in collecting, recording, processing, presenting, analysing and interpreting geographical information.
- ✓ develop into an informed and responsible global citizen, who recognises the challenges of our changing world and feels empowered to influence change.

Content Overview

All candidates take:

Paper 1: Physical Geography

36%
1 hour 45 minutes
75 marks
Structured questions containing short answer and extended response items. Some items are based on source material.
Externally assessed

and:

Paper 2: Human Geography

36%
1 hour 45 minutes
75 marks
Structured questions containing short answer and extended response items. Some items are based on source material.
Externally assessed

Paper 4: Geographical Investigations

28%
1 hour 30 minutes
60 marks
Two compulsory questions containing short answer and extended response items. Some items are based on source material.
Externally assessed

At Charterhouse, we enter students for Paper 4.



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History

Exam Board:

Cambridge IGCSE – History 0470
(for examination from 2027
onwards)



Course Introduction

Cambridge IGCSE History offers students the opportunity to study world history in the nineteenth and twentieth centuries. It encourages learners to raise questions and to develop and deploy historical skills, knowledge and understanding in order to provide historical explanations. Learners explore history from a diversity of perspectives, including social, economical, cultural and political.

Syllabus Overview

The Cambridge IGCSE History encourages learners to be:

Confident

exploring historical concepts such as cause and consequence, change and continuity, and similarity and difference

Responsible

appreciating historical evidence and how to use it

Reflective

gaining a greater understanding of international issues and inter-relationships

Innovative

learning how to present clear, logical arguments

Engaged

developing an interest in and enthusiasm for learning about and understanding the past.



Course Aims:

To enable students to:

- ✓ an interest in and enthusiasm for learning about the past
- ✓ knowledge and understanding of individuals, people and societies in the past
- ✓ knowledge that is rooted in an understanding of the nature and use of historical evidence
- ✓ an understanding of key historical concepts: cause and consequence, change and continuity, and similarity and difference
- ✓ an understanding of international issues in history
- ✓ historical skills, including investigation, analysis, evaluation and communication skills

Content Overview

All candidates take:

Paper 1: Structured Questions

2 hours
60 marks
40%

- Candidates answer two questions from Section A (Core content) and one question from Section B (Depth studies).
- All questions are in the form of structured essays, split into three parts: (a), (b) and (c).
- Externally assessed

and:

Paper 2: Document Questions

1 hour 45 minutes
40 marks
30%

- Candidates answer one question on one prescribed topic taken from Section A (Core content).
- Candidates are presented with a range of source materials relating to each prescribed topic.
- The prescribed topics change in each exam series – see section 4.
- Externally assessed

can take either

Component 3: Coursework

40 marks
30%

- Candidates produce one piece of extended writing based on a depth study from the syllabus or a depth study devised by the centre.
- Internally assessed and externally moderated

or

Paper 4: Alternative to Coursework

1 hour
40 marks
30%

- Candidates answer one question on a depth study.
- All questions are in the form of structured essays, split into two parts: (a) and (b).
- Externally assessed



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Music

Exam Board:

Cambridge International IGCSE
Music 0410



Course Introduction

The IGCSE Music course offers a dynamic opportunity for students to explore, create, and analyze music across a wide range of styles and traditions. Designed for both experienced musicians and beginners, the program encourages creativity, collaboration, and critical thinking. Students will develop skills in performance, composition, and listening, laying a strong foundation for further music study or a lifelong appreciation of music.

Syllabus Overview

The IGCSE Music course is structured to balance practical, creative, and analytical aspects of music. Key components include:

1- Listening:

Explore and analyze music from different periods, styles, and cultures.

2- Performance:

Develop confidence and skill through solo and ensemble performances.

3-Composition:

Create original music, showcasing creativity and technical understanding.



Course Aims:

To enable students to:

- ✓ Develop individual musical skills, including performance, composition, and listening.
- ✓ Broaden awareness and appreciation of global musical traditions and styles.
- ✓ Build the ability to evaluate and reflect on music critically and creatively.
- ✓ Equip students with transferable skills like collaboration, discipline, and self-expression.

Content Overview

Assessment objective	Weighting in IGCSE %			
AO1 Listening	40			
AO2 Performing	30			
AO3 Composing	30			
Total	100			
Assessment objectives as a percentage of each component				
Assessment objective	Paper 1	Component 2	Component 3	
AO1 Listening	100	0	0	
AO2 Performing	0	100	0	
AO3 Composing	0	0	100	
Total	100	100	100	

Subject Content

Areas of study 1–3 (Baroque, Classical & Romantic) cover repertoire of the western classical tradition and include ‘focus works’, enabling candidates to learn the skills of score reading and simple analysis.

Areas of study 4–7 (Music and Words, Music for Dance, Music for Small Ensemble, and Music for Stage & Screen) include a wide variety of music from different cultures and extend the range of repertoire from the early twentieth century to the present day. Candidates will learn how musical features are combined and used to create music for distinct purposes and in different contexts.



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Physics

Exam Board:

Cambridge IGCSE Physics - 0625



Course Introduction

Cambridge IGCSE Chemistry develops a set of transferable skills including handling data, practical problem-solving and applying the scientific method. Learners develop relevant attitudes, such as concern for accuracy and precision, objectivity, integrity, enquiry, initiative and inventiveness. They acquire the essential scientific skills required for progression to further studies or employment.

Syllabus Overview

The Cambridge IGCSE Physics encourages learners to be:

Confident

interested in learning about science, questioning ideas and using scientific language to communicate their views and opinions

Responsible

working methodically and safely when working alone or collaboratively with others

Reflective

learning from their experiences and interested in scientific issues that affect the individual, the community and the environment

Innovative

solving unfamiliar problems confidently and creatively

Engaged

keen to develop scientific skills, being curious about scientific principles and their application in the world.



Course Aims:

To enable students to:

- ✓ acquire scientific knowledge and understanding of scientific theories and practice
 - ✓ develop a range of experimental skills, including handling variables and working safely
 - ✓ use scientific data and evidence to solve problems and discuss the limitations of scientific methods
 - ✓ communicate effectively and clearly, using scientific terminology, notation and conventions
 - ✓ understand that the application of scientific knowledge can benefit people and the environment
- Practical Assessment**
- ✓ enjoy science and develop an informed interest in scientific matters which support further study.

Content Overview

All candidates take:

Paper 2: Multiple Choice (Extended)

30%
45 minutes
40 marks
40 four-option multiple choice questions
Externally assessed

and:

Paper 4: Theory (Extended)

50%
1 hour 15 minutes
80 marks
Short-answer and structured questions
Externally assessed

All candidates take one practical paper from a choice of two:

Paper 6: Alternative to Practical

20%
1 hour
40 marks
Questions will be based on the experimental skills in Section 4
Externally assessed

Subject Content

Students starting in August 2025 will complete their Physics IGCSE course and sit the external examinations in June 2027.



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Physical Education

Exam Board:

Cambridge International IGCSE
Physical Education - 0413



Course Introduction

The IGCSE Physical Education course provides pupils with valuable knowledge about the impact exercise and sport can have on our increasingly sedentary and stressful daily lives. Syllabus content for the IGCSE educates pupils, on an accessible level, about the importance of exercise for maintaining health, with a focus on the mental, social and physical benefits, as well as specific adaptations to body systems, including: the circulatory system, respiratory system, muscular system and skeletal system. The course specification takes many of these concepts and delves much deeper, providing pupils with details about the intricacies of body responses and adaptations to exercise. As such, both courses supplement learning and understanding in Human Biology, Psychology and some areas of Physics.

Syllabus Overview

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

Candidates will study all the following topics:

- a. Anatomy and physiology
- b. Health, fitness and training
- c. Skill acquisition and psychology
- d. Social, cultural and ethical influences

Learners will also undertake four different physical activities. Physical activities make a significant contribution to syllabus aims and objectives, serving as a source of material to facilitate learning.



Course Aims:

To enable students to:

- ✓ develop their knowledge and understanding of the theory underpinning physical performance in a modern world
- ✓ use and apply this knowledge and understanding to improve their performance
- ✓ perform in a range of physical activities, developing skills and techniques, and selecting and using tactics, strategies and/or compositional ideas
- ✓ understand and appreciate safe practice in physical activity and sport
- ✓ understand and appreciate the benefit of physical activity and sport for health, fitness and well-being
- ✓ gain a sound basis for further study in the field of Physical Education.

Content Overview

All candidates take:

Paper 1

1 hour 45 minutes
50%
Theory
100 marks
Short and structured questions
Candidate answer all questions
Externally assessed

and:

Component 2

50%
Coursework
100 marks
Candidates undertake four physical activities
from at least two different categories
Internally assessed and externally moderated

Subject Content

This syllabus gives teachers the flexibility to design a course that will interest, challenge and engage their learners. Where appropriate they are responsible for selecting suitable subject context, resources and examples to support their learners' study. These should be appropriate for the learners' age, cultural background and learning context as well as complying with school policies and local legal requirements.



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