



Canadian School of Milan

iGCSE



What is the Cambridge iGCSE?

IGCSE stands for International General Certificate of Secondary Education. Over 70 subjects are available. Schools can offer almost any combination of subjects and each subject is certificated separately.

- A Cambridge IGCSE is the formal recognition of a learner's achievement at the end of a particular subject course. The content of the course is based on an international curriculum developed for 14–16 year olds (although it can be studied by younger or older learners).
- The content of each course is created to suit a wide variety of schools and to avoid cultural bias. It helps to develop creative thinking, enquiry and problem solving skills and supports the development of the Cambridge learner attributes.
- Each qualification is made up of a number of assessments (called components), the majority of which take place at the end of the course. The methods of assessment include written papers, orals, coursework and practicals.
- Learners have to pass a particular combination of these assessments to achieve the qualification. Some syllabuses offer learners and teachers different assessment options through which to achieve the qualification. This broadens opportunities for students to demonstrate their learning, particularly when their first language is not English.
- In the UK, Cambridge IGCSE is accepted as an equivalent to the GCSE.
- The Cambridge IGCSE grades awarded are A*–G, with A* being the highest. They are designed to cover a wide ability range. Cambridge IGCSE is also available graded 9–1 in certain subjects and administrative zones – grade 7 is aligned to grade A and grade 4 is aligned to grade C.

Course Selection

Core and Extended Curricula

One of the unique features of the Cambridge IGCSE is its dual-tier structure, offering both Core and Extended curricula in many subjects.

- Core Curriculum: Tailored for the majority of students, the Core curriculum covers the essentials, providing a sound understanding of fundamental concepts. It is designed to prepare students for grades C to G.
- Extended Curriculum: For students aiming for higher academic achievement, the Extended curriculum offers additional content and prepares learners for grades A* to E.

This flexibility ensures that students with varying abilities and aspirations can achieve their best outcomes.

Subjects offered

The iGCSE subjects offered at CSM are:

Core

Maths: 5 periods + 1 period after school of Additional Maths

English: 5 periods Literature + 1 period after school of English First Language (or English Second Language, if deemed necessary by the school)

Science: 8 periods - Co-ordinated Science (Double Award)

History: 4 periods

Geography: 2 periods (or Additional English, if deemed necessary by the school)

Italian: 4 periods (Literature and/or Second Language)

Electives

Third Language: 4 periods either French (Literature and/or Second Language) or Spanish (Second Language)

Art: 4 periods either Arts&Design or Music or Drama

Non iGCSE assessed subjects

Physical Education: 2 periods

PSED/Health: 1 period

Assembly/University: 1 period

| Group 1 | Group 2 | Group 3 | Group 4 | Group 5 | Group 6 |
|--------------------|------------|-----------|-----------------------|-------------------------------|---------------|
| English Literature | English SL | History | Co-ordinated Sciences | Mathematics (Core & Extended) | Arts & Design |
| English FL | French SL | Geography | Physical Education | Additional Mathematics | Drama |
| French Literature | Italian SL | | | | Music |
| Italian Literature | Spanish SL | | | | |

Please refer to the Subjects Briefs at the end of this document for additional information.

When choosing subjects to study at IGCSE, students are advised to bear in mind that they will eventually have to make subject choices for the IB Diploma (in G10).

In the IB Diploma students study six subjects selected from the six Groups of the Diploma Curriculum, as illustrated below. Three subjects are studied at Higher Level (HL) and the remaining three subjects are studied at Standard Level (SL). Groups 1 to 5 are compulsory.

You may take another subject from Groups 2 to 4, or a subject from Group 6, **dependent upon scheduling constraints**.

| IB Diploma Programme | | | | | | |
|--------------------------------------|-----------|-----------|-------------|-------------------|-----------|-------------------|
| 1 - Language and Literature | English A | French A | Italian A | | | |
| 2 - Language Acquisition | English B | French B | Italian B | Italian AB Initio | Spanish B | Spanish AB Initio |
| 3 - Individuals and Societies | History | Business | Economics | ESS | | |
| 4 - Sciences | Biology | Chemistry | Physics | | | |
| 5 - Maths | AI | | AA | | | |
| 6 - Arts | Music | Theatre | Visual Arts | | | |

University

The DP is uniquely designed to support all students for success going into, and throughout, university. It is offered in a large number of schools across the world, including private, independent, international, and state-funded schools.

DP graduates are well-equipped to adjust, engage and succeed. They graduate with analytical, writing, communication and presentation skills; research experience; excellent organisation and time management; the ability to approach a topic from multiple perspectives; and a deep understanding of academic concepts. This provides an excellent foundation for them to prosper at their chosen university.

University Counselling

Students are supported throughout their High School journey, to ensure they are aware of the learning pathways available to them. They discover the differences between admission procedures and requirements for worldwide university destinations and are given key tools to research and plan their university applications.

University Counselling activities include:

- Unifrog Access
- University presentations and fairs
- Class sessions
- Individual meetings and support
- Support preparing documents and applications
- Parent and guardian presentations

UCAS

We are a UCAS registered centre

unifrog

Subjects Briefs

Group 1 – Studies in Language and Literature

LITERATURE IN ENGLISH

Code: 0475

Course Overview

Cambridge IGCSE Literature in English offers learners the opportunity to read, interpret, evaluate and respond to a range of literature in English. The range includes 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. Cambridge IGCSE Literature in English will stimulate learners to read for pleasure and to explore wider and universal issues, promoting a better understanding of themselves and the world.

Course Content

The syllabus enables learners to read, interpret and evaluate texts through the study of literature in English. 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. The syllabus also encourages the exploration of wider and universal issues, promoting learners' better understanding of themselves and of the world around them.

Assessment Overview

All candidates take Paper 1 Poetry and Prose and Paper 2 Drama. Candidates will be eligible for grades A* to G.

All candidates take:

| | |
|--|-------------------|
| Paper 1 | 1 hour 30 minutes |
| Poetry and Prose | 50% |
| 50 marks | |
| Two questions on two texts: one poetry and one prose | |
| Externally assessed | |

and either:

| | |
|----------------------------|-------------------|
| Paper 2 | 1 hour 30 minutes |
| Drama | 50% |
| 50 marks | |
| Two questions on two texts | |
| Externally assessed | |

| | |
|--------------------------|------------|
| or: | |
| Paper 3 | 45 minutes |
| Drama (Open Text) | 25% |
| 25 marks | |
| One question on one text | |
| Externally assessed | |

| | |
|--|-------------------|
| and: | |
| Paper 4 | 1 hour 15 minutes |
| Unseen | 25% |
| 25 marks | |
| One question requiring critical commentary | |
| Externally assessed | |

| | |
|--------------------------|------------|
| or: | |
| Paper 3 | 45 minutes |
| Drama (Open Text) | 25% |
| 25 marks | |
| One question on one text | |
| Externally assessed | |

| | |
|--|-----|
| and: | |
| Component 5 | |
| Coursework | 25% |
| 25 marks | |
| Portfolio of two assignments, each on a different text | |
| Internally assessed and externally moderated | |

FIRST LANGUAGE ENGLISH

Code: 0500

Course Overview

Cambridge IGCSE First Language English encourages reading and understanding of a wide range of texts and text types, developing learners' awareness of the ways in which English may be used to take account of audience, purpose and form. Learners develop their ability to speak and write effectively, demonstrating both fluency and control, as well as to read and respond meaningfully to both written and spoken forms of the language.

Course Content

Cambridge IGCSE First Language English develops candidates' language skills, supporting and encouraging them to become appreciative and critical readers, writers, speakers and listeners. It offers candidates the opportunity to respond with understanding to a rich variety of reading texts during the course. 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, through activities such as delivering a presentation and engaging in conversations, debates.

Assessment Overview

All candidates take two components. Paper 1, and one of Paper 2 or Component 3. Candidates will be eligible for grades A* to G. Component 4 is optional and assesses speaking and listening skills. This component is separately endorsed and marks will not contribute to a candidate's overall grade.

| | |
|--|---------|
| All candidates take: | |
| Paper 1 | 2 hours |
| Reading | 50% |
| 80 marks | |
| Structured and extended writing questions | |
| Questions will be based on three reading texts | |
| Externally assessed | |

| | |
|--|---------|
| All candidates take either: | |
| Paper 2 | 2 hours |
| Directed Writing and Composition | 50% |
| 80 marks | |
| Extended writing question and a composition task | |
| Externally assessed | |

| | |
|--|-----|
| or: | |
| Component 3 | |
| Coursework Portfolio | 50% |
| 80 marks | |
| Three extended writing assignments | |
| Internally assessed and externally moderated | |

Centres may also choose to enter candidates for the Speaking and Listening Test. Marks for this optional component do not contribute to the overall grade candidates receive for the written components. Instead, where candidates perform to an appropriate standard, certificates record achievement of grades 1 (high) to 5 (low).

| | |
|--|-----------------------|
| Candidates can also take: | |
| Component 4 | Approx. 10–12 minutes |
| Speaking and Listening Test | |
| 40 marks | Separately endorsed |
| Individual Talk and Conversation | |
| Internally assessed and externally moderated | |

FIRST LANGUAGE FRENCH

Code: 0501

Course Overview

Cambridge IGCSE First Language French encourages learners to read a variety of texts and improve their use and style of language in a range of contexts. Learners develop the ability to understand and respond to what they read and to communicate effectively in writing. These skills equip them for progression to further study or employment.

Course Content

Cambridge IGCSE First Language French offers candidates the opportunity to respond knowledgeably to a range of reading texts during the course as a whole. Candidates will use some of these texts to inform and inspire their own writing and write in a range of text types for different purposes and audiences.

The reading texts cover a range of genres and types, including fiction and non-fiction, and may also include other forms of writing, such as plays, essays, reviews and articles.

Candidates are encouraged to become appreciative and critical readers and writers of French. The syllabus tests standard French.

Assessment Overview

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

| All candidates take: | | and: | |
|--|---------|---------------------|---------|
| Paper 1 | 2 hours | Paper 2 | 2 hours |
| Reading and Directed Writing | 50% | Writing | 50% |
| 50 marks | | 50 marks | |
| Structured and extended writing questions | | Composition tasks | |
| Questions are based on three reading texts | | Externally assessed | |
| Externally assessed | | | |

Group 2 – Language Acquisition

Group 2 features two modern language acquisition courses: language B and language Ab Initio. At CSM, the following languages are offered: -

- English (Second Language)
- French (Second Language)
- Italian (Second Language)
- Spanish (Second Language)

Second language courses are designed to provide students with the necessary skills and intercultural understanding to enable them to communicate successfully in an environment where the language studied is spoken. This process encourages the learner to go beyond the boundaries of the classroom, expanding an awareness of the world and fostering respect for cultural diversity.

ENGLISH (AS AN ADDITIONAL LANGUAGE)

Code: 0472

Course Overview

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

Course Content

The IGCSE English (as an Additional Language) course focuses on the core skills of Listening, Reading, Writing, and Speaking. Alongside examination preparation, students engage in enrichment activities that include text analysis and commentary to deepen their understanding and language competence.

The subject content is organised in five broad topic areas (A–E below). These provide contexts for the acquisition of vocabulary and the study of grammar and structures. The study of these topic areas enables students to gain an insight into countries and communities where English is spoken.

- A Everyday activities
- B Personal and social life
- C The world around us
- D The world of work
- E The international world

Assessment Overview

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

| All candidates take: | | and: | |
|--|--------------------------|---|--------|
| Paper 1 | Approximately 50 minutes | Paper 2 | 1 hour |
| Listening | 25% | Reading | 25% |
| 40 marks | | 45 marks | |
| Candidates listen to a number of recordings and answer multiple-choice and matching questions. | | Candidates read a number of texts and answer multiple-choice and matching questions as well as questions requiring short answers. | |
| Externally assessed | | Externally assessed | |
| and: | | and: | |
| Paper 3 | Approximately 10 minutes | Paper 4 | 1 hour |
| Speaking | 25% | Writing | 25% |
| 40 marks | | 45 marks | |
| Candidates complete one role play and conversations on two topics. | | Candidates complete a form-filling task, one directed writing task and one task in the format of an email/letter or article/blog. | |
| Internally assessed and externally moderated | | Externally assessed | |

FRENCH SECOND LANGUAGE

Code: 0520

Course Overview

Cambridge IGCSE French as a Second Language (or Foreign Language) 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 Content

The IGCSE French as a Second Language course focuses on the core skills of Listening, Reading, Writing, and Speaking. Alongside examination preparation, students engage in enrichment activities that include text analysis and commentary to deepen their understanding and language competence.

The subject content is organised in five broad topic areas (A–E below). These provide contexts for the acquisition of vocabulary and the study of grammar and structures. The study of these topic areas enables students to gain an insight into countries and communities where French is spoken:

- A Everyday activities
- B Personal and social life
- C The world around us
- D The world of work
- E The international world

Assessment Overview

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

| All candidates take: | | and: | |
|--|--------------------------|---|--------|
| Paper 1 | Approximately 50 minutes | Paper 2 | 1 hour |
| Listening | 25% | Reading | 25% |
| 40 marks | | 45 marks | |
| Candidates listen to a number of recordings and answer multiple-choice and matching questions. Externally assessed | | Candidates read a number of texts and answer multiple-choice and matching questions as well as questions requiring short answers. Externally assessed | |
| and: | | and: | |
| Paper 3 | Approximately 10 minutes | Paper 4 | 1 hour |
| Speaking | 25% | Writing | 25% |
| 40 marks | | 45 marks | |
| Candidates complete one role play and conversations on two topics. Internally assessed and externally moderated | | 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 | |

ITALIAN FOREIGN LANGUAGE

Code: 0535

Course Overview

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

Course Content

The IGCSE Spa The subject content is organised in five broad topic areas (A–E below). These provide contexts for the acquisition of vocabulary and the study of grammar and structures. The study of these topic areas enables students to gain an insight into countries and communities where Italian is spoken. The five topic areas listed below are described in more detail in section 3.

- A Everyday activities
- B Personal and social life
- C The world around us
- D The world of work
- E. The international world

The syllabus gives students opportunities to develop and apply a wide range of foreign language skills.

Candidates will be expected to read and understand a variety of written and spoken texts on familiar topics. Candidates will be required to demonstrate understanding of the main ideas, opinions and attitudes, as well as select and extract relevant details and deduce the meaning of occasional unknown words from context. They will also have opportunities to write in Italian on familiar, everyday topics, and to speak the language by taking part in everyday conversations.

Assessment Overview

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

| All candidates take: | | and: | |
|--|--------------------------|---|--------|
| Paper 1 | Approximately 50 minutes | Paper 2 | 1 hour |
| Listening | 25% | Reading | 25% |
| 40 marks | | 45 marks | |
| Candidates listen to a number of recordings and answer multiple-choice and matching questions. Externally assessed | | Candidates read a number of texts and answer multiple-choice and matching questions as well as questions requiring short answers. Externally assessed | |
| and: | | and: | |
| Paper 3 | Approximately 10 minutes | Paper 4 | 1 hour |
| Speaking | 25% | Writing | 25% |
| 40 marks | | 45 marks | |
| Candidates complete one role play and conversations on two topics. Internally assessed and externally moderated | | 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 | |

SPANISH SECOND LANGUAGE

Code: 0530

Course Overview

Cambridge IGCSE Spanish as Second Language (or foreign Language) 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 Content

The IGCSE Spanish as a Second Language course focuses on the core skills of Listening, Reading, Writing, and Speaking. Alongside examination preparation, students engage in enrichment activities that include text analysis and commentary to deepen their understanding and language competence.

The subject content is organised in five broad topic areas (A–E below). These provide contexts for the acquisition of vocabulary and the study of grammar and structures. The study of these topic areas enables students to gain an insight into countries and communities where Spanish is spoken.

- A Everyday activities
- B Personal and social life
- C The world around us
- D The world of work
- E The international world

Assessment Overview

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

| | |
|---|--|
| All candidates take: | and: |
| Paper 1 Approximately 50 minutes Listening 25% 40 marks Candidates listen to a number of recordings and answer multiple-choice and matching questions. Externally assessed | Paper 2 1 hour Reading 25% 45 marks Candidates read a number of texts and answer multiple-choice and matching questions as well as questions requiring short answers. Externally assessed |
| and: | and: |
| Paper 3 Approximately 10 minutes Speaking 25% 40 marks Candidates complete one role play and conversations on two topics. Internally assessed and externally moderated | Paper 4 1 hour Writing 25% 45 marks 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 |

Group 3 – Humanities HISTORY

Code: 0470

Course Overview

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.

Course Content

All candidates study Core content in either Option A or Option B.

Either:

Option A

The nineteenth century: the development of modern nation states, 1848–1914

The content focuses on the following key questions:

- Were the revolutions of 1848 important?
- How was Italy unified?
- How was Germany unified?
- Why was there a civil war in the United States and what were its results?
- Why, and with what effects, did nations gain and expand their overseas empires in the nineteenth century?
- What caused the First World War?

or:

Option B

The twentieth century: international relations since 1919

The content focuses on the following key questions:

- Was the Treaty of Versailles fair?
- To what extent was the League of Nations a success?
- How far was Hitler's foreign policy to blame for the outbreak of war in Europe in 1939?
- Who was to blame for the Cold War?
- How effectively did the United States contain the spread of communism?
- How secure was the USSR's control over Eastern Europe, 1948–c.1989?

In addition, all candidates must also study at least one of the following depth studies:

A The First World War, 1914–18

B Germany, 1918–45

C Russia, 1905–41

D The United States, 1919–41

E The Second World War in Europe and the Asia–Pacific, 1939–c.1945

Assessment Overview

All candidates take three components. All candidates take Paper 1 and Paper 2 and either Component 3 or Paper 4. Candidates will be eligible for grades A* to G.

All candidates take:

Paper 1 2 hours
Structured Questions 40%
60 marks

- 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 1 hour 45 minutes
Document Questions 30%
40 marks

- 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

All candidates take either:

Component 3
Coursework 30%
40 marks

- 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 1 hour
Alternative to Coursework 30%
40 marks

- 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

GEOGRAPHY

Code: 0460

Course Overview

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.

Course Content

The syllabus is divided into ten topics which have been designed to develop an understanding of both the natural and human environment:

- Changing river environments
- Changing coastal environments
- Changing ecosystems
- Tectonic hazards
- Climate change
- Changing populations
- Changing towns and cities
- Development
- Changing economies
- Resource provision.

Every Cambridge school has the opportunity to deliver climate education, that shapes knowledge, understanding and skills, and gives learners the confidence to thrive and make a positive impact in our changing world.

Assessment Overview

Assessed internally. All candidates take three components. Candidates will be eligible for grades A* to G.

All candidates take:

Paper 1 1 hour 45 minutes
Physical Geography 36%
75 marks

Structured questions containing short answer and extended response items. Some items are based on source material.

Externally assessed

and:

Paper 2 1 hour 45 minutes
Human Geography 36%
75 marks

Structured questions containing short answer and extended response items. Some items are based on source material.

Externally assessed

and either:

Component 3
Coursework 28%
60 marks

Teachers set one centre-based fieldwork assignment of 1800–2200 words.

Internally assessed and externally moderated

or:

Paper 4 1 hour 30 minutes
Geographical Investigations 28%
60 marks

Two compulsory questions containing short answer and extended response items. Some items are based on source material.

Externally assessed

Group 4 – Sciences**CO-ORDINATED SCIENCES**

Code: 0654

Cambridge IGCSE Co-ordinated Sciences (Double Award) 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.

Course Content

The subject content is divided into three sections: Biology (B1–B19), Chemistry (C1–C12) and Physics (P1–P6). Candidates must study all three sections.

Assessment Overview

All candidates take three papers. Candidates who have studied the Core syllabus content, or who are expected to achieve a grade DD or below, should be entered for Paper 1, Paper 3 and either Paper 5 or Paper 6. These candidates will be eligible for grades CC to GG. Candidates who have studied the Extended syllabus content (Core and Supplement), and who are expected to achieve a grade CC or above, should be entered for Paper 2, Paper 4 and either Paper 5 or Paper 6. These candidates will be eligible for grades A*A* to GG.

Core assessment

Core candidates take Paper 1 and Paper 3. The questions are based on the Core subject content only:

| Paper 1: Multiple Choice (Core) | | Paper 3: Theory (Core) | |
|--|-----|---------------------------------------|-----|
| 45 minutes | | 2 hours | |
| 40 marks | 30% | 120 marks | 50% |
| 40 four-option multiple-choice questions | | Short-answer and structured questions | |
| Externally assessed | | Externally assessed | |

Extended assessment

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

| Paper 2: Multiple Choice (Extended) | | Paper 4: Theory (Extended) | |
|--|-----|---------------------------------------|-----|
| 45 minutes | | 2 hours | |
| 40 marks | 30% | 120 marks | 50% |
| 40 four-option multiple-choice questions | | Short-answer and structured questions | |
| Externally assessed | | Externally assessed | |

Practical assessment

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

| Paper 5: Practical Test | | OR | Paper 6: Alternative to Practical | |
|---|-----|----|---|-----|
| 2 hours | | | 1 hour 30 minutes | |
| 60 marks | 20% | | 60 marks | 20% |
| Questions will be based on the experimental skills in section 4 | | | Questions will be based on the experimental skills in section 4 | |
| Externally assessed | | | Externally assessed | |

PHYSICAL EDUCATION

Code: 0413

Course Overview

Cambridge

Course Content

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

Candidates will study all of the following topics:

- 1 Anatomy and physiology
- 2 Health, fitness and training
- 3 Skill acquisition and psychology
- 4 Social, cultural and ethical influences

Candidates will also undertake four different physical activities chosen from at least two of the seven categories. Physical activities make a significant contribution to syllabus aims and objectives, serving as a source of material to facilitate learning.

Assessment Overview

Assessed internally. Group 5 – Mathematics

MATHEMATICS

Code: 0580

Course Overview

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 candidates studying mathematics at a higher level and those who will require mathematics to support skills in other subjects.

The course is tiered to allow all candidates to achieve and progress in their mathematical studies.

Course Content

All candidates 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

Cambridge IGCSE Mathematics is tiered to enable effective differentiation for learners. The Core subject content is intended for learners targeting grades C–G, and the Extended subject content is intended for learners targeting grades A*–C. The Extended subject content contains the Core subject content as well as additional content.

The subject content is organised by topic and is not presented in a teaching order. This content structure and the use of tiering allows flexibility for teachers to plan delivery in a way that is appropriate for their learners. 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

All candidates take two components. Candidates who have studied the Core subject content, or who are expected to achieve a grade D or below, should be entered for Paper 1 and Paper 3. These candidates will be eligible for grades C to G. Candidates who have studied the Extended subject content, and who are expected to achieve a grade C or above, should be entered for Paper 2 and Paper 4. These candidates will be eligible for grades A* to E. Candidates should have a scientific calculator for Paper 3 and Paper 4. Calculators are not allowed for Paper 1 and Paper 2. Please see the Cambridge Handbook at www.cambridgeinternational.org/eoguide for guidance on use of calculators in the examinations.

Mathematics: Analysis and Approaches

The Mathematics: Analysis and Approaches course recognizes the need for analytical expertise in a world where innovation is increasingly dependent on a deep understanding of mathematics. The focus is on developing important mathematical concepts in a comprehensible, coherent and rigorous way, achieved by a carefully balanced approach. Students are encouraged to apply their mathematical knowledge to solve abstract problems as well as those set in a variety of meaningful contexts. Mathematics: analysis and approaches has a strong emphasis on the ability to construct, communicate and justify correct mathematical arguments. Students should expect to develop insight into mathematical form and structure, and should be intellectually equipped to appreciate the links between concepts in different topic areas.

Core assessment

Core candidates take Paper 1 and Paper 3. The questions are based on the Core subject content only:

| Paper 1: Non-calculator (Core) | | Paper 3: Calculator (Core) | |
|---|-----|---------------------------------------|-----|
| 1 hour 30 minutes | | 1 hour 30 minutes | |
| 80 marks | 50% | 80 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 | |

Extended assessment

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

| Paper 2: Non-calculator (Extended) | | Paper 4: Calculator (Extended) | |
|---|-----|---------------------------------------|-----|
| 2 hours | | 2 hours | |
| 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 | |

ADDITIONAL MATHEMATICS

Code: 0606

Course Overview

Cambridge IGCSE Additional Mathematics enriches learners' understanding of connections within mathematics, refining their reasoning and analytical skills. This course reinforces learners' competency, confidence, and fluency in their use of techniques with and without a calculator, strengthening mathematical understanding and communication skills. It requires a fluent and confident ability to solve problems in abstract mathematics. Cambridge IGCSE Additional Mathematics encourages learners to further develop their mathematical ability in problem solving, to provide strong progression for advanced study of mathematics or highly numerate subjects. It is designed to stretch the more able candidates and provides a smooth transition to Cambridge International AS & A Level Mathematics.

Course Content

All candidates 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 Circular measure
- 10 Trigonometry
- 11 Permutations and combinations
- 12 Series
- 13 Vectors in two dimensions
- 14 Calculus

The subject content is organised by topic and is not presented in a teaching order. This content structure allows flexibility for teachers to plan delivery in a way that is appropriate for their learners. Learners are expected to use techniques listed in the content and apply them to solve problems with or without a calculator, as appropriate.

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. Please see the Cambridge Handbook at www.cambridgeinternational.org/eoguide for guidance on use of calculators in the examinations. Calculators are not allowed for Paper 1.

All candidates take:

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

and:

| | |
|---------------------------------------|---------|
| Paper 2 | 2 hours |
| Calculator | 50% |
| 80 marks | |
| Structured and unstructured questions | |
| A scientific calculator is required | |
| Externally assessed | |

Group 6 – Arts DRAMA

Code: 0411

Course Overview

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 in presenting performances for an audience. They will also learn about theatrical styles and genres. Learners will explore how to develop their own ideas in creating original drama.

Course Content

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.

Assessment Overview

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

All candidates take:

| | |
|---|--------------------|
| Component 1 | 2 hours 30 minutes |
| Written examination | 40% |
| 80 marks | |
| 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 | 60% |
| Coursework | |
| 120 marks | |
| 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 | |

ARTS AND DESIGN

Code: 0400

Course Overview

Cambridge IGCSE Art & Design encourages a range of skills, stimulates aesthetic awareness, knowledge and critical understanding of art, and provides opportunities for learners to develop a range of skills. Crucially, a personal and independent perspective is encouraged at all times. The syllabus is designed to accommodate a wide range of abilities, materials and resources, and allows the different skills of the teaching staff to be fully used. The syllabus appeals to learners who wish to explore practical work through a range of two- and/or three-dimensional processes and include new media and technologies in addition to traditional media and processes.

Course Content

Cambridge IGCSE Art & Design has been designed to offer a broad choice of media and approaches so that candidates can produce a personal response and schools can use their strengths in terms of staff expertise and interests.

The areas of study are:

- painting and related media
- graphic communication
- three-dimensional design
- textiles and fashion
- photography.

Candidates can respond to either component using any of the media listed in the areas of study above.

Assessment Overview

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

| All candidates take: | and: |
|--|---|
| Component 1 Coursework 50% 100 marks Candidates research, develop and realise a project from one or more of the areas of study and should explore a theme. The coursework includes: – coursework studies and – a final outcome. Externally assessed | Component 2 8 hours Externally Set Assignment 50% 100 marks Candidates respond to one starting point set by Cambridge International. Candidates may produce work from the same areas of study as Component 1, but they do not have to. The externally set assignment includes: – supporting studies and – a final outcome, produced during a supervised test of 8 hours' total duration. Externally assessed |

MUSIC

Code: 0410

Course Overview

Cambridge IGCSE Music is accepted by universities and employers worldwide as providing proof of musical skills, knowledge and understanding. This syllabus offers students the opportunity to develop their practical musical skills through performing and composing. They further develop their listening skills by studying music from a diverse range of world cultures and from historical periods to the present day. The emphasis of the syllabus is on enabling students to take part in an active musical life, whether as a performer, composer or listener.

Course Content

Candidates develop an understanding of music through the three skills of listening, performing and composing, and seven areas of study:

- 1 Baroque music
- 2 Classical music
- 3 Romantic music
- 4 Music and words
- 5 Music for dance
- 6 Music for small ensemble
- 7 Music for stage and screen

Assessment Overview

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

| All candidates take: | |
|---|---------------------|
| Paper 1 | c.1 hour 15 minutes |
| Listening | 40% |
| 70 marks | |
| Written examination based on listening tracks supplied by Cambridge International | |
| Externally assessed | |

| and: | |
|--|------------|
| Component 2 | Coursework |
| Performing | 30% |
| 50 marks | |
| Performance in two parts: solo performing and performing with others | |
| Internally assessed and externally moderated | |

| and: | |
|--|------------|
| Component 3 | Coursework |
| Composing | 30% |
| 50 marks | |
| Two contrasting compositions | |
| Internally assessed and externally moderated | |

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