

# CAMBRIDGE INTERNATIONAL

## AS & A LEVEL







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### **CHI SIAMO**

Cambridge Assessment International School (IT752) prepara gli studenti ad affrontare la vita, aiutandoli a sviluppare una curiosità informata e una profonda passione per l'apprendimento. Cambridge Assessment International education parte di dipartimento della University of Cambridge.

I nostri programmi rappresentano un punto di riferimento globale per la didattica internazionale e le nostre certificazioni sono ampiamente riconosciute dalle migliori università e dai datori di lavoro in tutto il mondo.







## CHE COSA FACCIAMO

I nostri programmi e le nostre certificazioni riconosciuti a livello internazionale accompagnano dall'educazione primaria fino alla secondaria e agli studi pre-universitari. Essi godono di una reputazione comprovata come preparazione eccellente per gli studi superiori, il lavoro e la vita.



#### **GENITORI E STUDENTI**

Il programma Cambridge accompagna gli studenti in un viaggio che va dall'educazione primaria fino alla secondaria e agli studi pre-universitari. Gli studenti possono iniziare da qualsiasi fase.

#### SCUOLE

Sono scelti da oltre 10.000 scuole in 160 paesi del mondo. Ogni anno, migliaia di studenti Cambridge riescono ad accedere alle migliori università internazionali.

#### **ENTRATE A FAR PARTE DI CAMBRIDGE**

Quando vi unite a noi, entrate a far parte di una comunità globale di scuole che lavorano per dare agli studenti gli strumenti per avere successo nel nostro mondo in continua evoluzione.



#### PROGRAMMA CAMBRIDGE International as & a level





Migliaia di studenti ogni anno accedono alle università più prestigiose del mondo grazie ai Cambridge International AS & A Levels. I nostri programmi di studio sviluppano una conoscenza approfondita delle materie e delle capacità di pensiero indipendente

Cambridge International AS & A Level sviluppano conoscenza, comprensione e capacità per quanto riguarda:

- Contenuti approfonditi delle materie pensiero indipendente
- Applicazione di conoscenze e comprensione a situazioni nuove e familiari
- Gestione e valutazione di tipi diversi di fonti di informazione
- Pensiero logico e presentazione ordinata e coerente degli argomenti
- Espressione di giudizi, consigli e decisioni
- Presentazione di spiegazioni ragionate, comprensione delle implicazioni e loro
- Comunicazione logica e chiara
- Lavoro e comunicazione in inglese



#### MATERIE

Vi Offriamo la possibilità di scegliere 7 materie ch voi possiate combinare come desiderato. Questa flessibilità permette ogni studente di preparareun programma su misura e scegliere di specializzarsi in un particolare settore di studi o di studiare una serie di materie.

- Physics 9702
- 🗕 Biology 9700
- 🗕 Chemistry 9701
- Mathematics 9709
- English Literature 9695
- English Language 9093
- Computer Science 9618 (from 2021) New
- Business (9609)
- Information Technology 9626
- 🗕 Art & Design 9479 New







#### CAMBRIDGE INTERNATIONAL AS AND A LEVEL BUSINESS (9609)

The syllabus enables students to understand and appreciate the nature and scope of business, and the role it plays in society. It encourages students to examine the process of decision-making in a dynamic and changing business environment and to develop critical understanding of business organisations. They learn about business and its

environment, human resource management, marketing, operations management and finance and accounting. At Cambridge International A Level, students also learn how to develop a business strategy.v



#### **CAMBRIDGE INTERNATIONAL AS AND A LEVEL ENGLISH - LITERATURE (9695)**

Learners following the Cambridge International AS and A Level English syllabus will study a range of texts in the three main forms: prose, poetry and drama. Set texts are offered from a wide range of different periods and cultures

Learners will develop skills of reading and analysis of texts, and are encouraged to undertake wider reading to aid understanding of the texts studied. They will learn skills of effective and appropriate communication including the ability to discuss the critical context of text

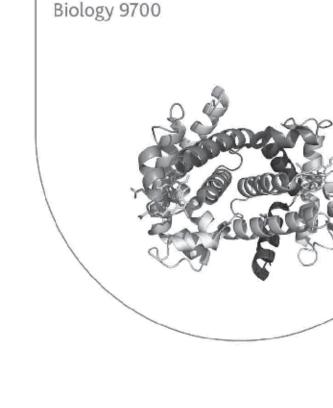




#### CAMBRIDGE INTERNATIONAL As and a level biology (9700)

Cambridge International AS and A Level Biology builds on the skills acquired at Cambridge IGCSE (or equivalent) level. The syllabus includes the main theoretical concepts which are fundamental to the subject, some current applications of biology, and a strong emphasis on advanced practical skills. Practical skills are assessed in a timetabled practical examination.

The emphasis throughout is on the understanding of concepts and the application of biology ideas in novel contexts as well as on the acquisition of knowledge. The course encourages creative thinking and problem-solving skills which are transferable to any future career path. Cambridge International AS and A Level Biology is ideal for learners who want to study biology or a wide variety of related subjects at university or to follow a career in science.



Cambridge International AS & A Level

#### CAMBRIDGE INTERNATIONAL AS AND A LEVEL CHEMISTRY (9701)

Cambridge International AS and A Level Chemistry builds on the skills acquired at Cambridge IGCSE (or equivalent) level. The syllabus includes the main theoretical concepts which are fundamental to the subject, some current applications of chemistry, and a strong emphasis on advanced practical skills. Practical skills are assessed in a timetabled practical examination.

The emphasis throughout is on the understanding of concepts and the application of chemistry ideas in novel contexts as well as on the acquisition of knowledge. The course encourages creative thinking and problem-solving skills which are transferable to any future career path. Cambridge International AS and A Level Chemistry is ideal for learners who want to study chemistry or a wide variety of related subjects at university or to follow a career in science..





## **CAMBRIDGE INTERNATIONAL AS AND A LEVEL MATHEMATICS (9709)**

Cambridge International A Level Mathematics develops a set of transferable skills. These include the skill of working with mathematical information, as well as the ability to think logically and independently, consider accuracy, model situations mathematically, analyse results and reflect on findings.

Learners can apply these skills across a wide range of subjects and these skills equip them well for progression to higher education or directly into employment



### CAMBRIDGE INTERNATIONAL AS AND A LEVEL PHYSICS (9702)

Cambridge International AS and A Level Physics builds on the skills acquired at Cambridge IGCSE (or equivalent) level. The syllabus includes the main theoretical concepts which are fundamental to the subject, some current applications of physics, and a strong emphasis on advanced practical skills. Practical skills are assessed in a timetabled practical examination

The emphasis throughout is on the understanding of concepts and the application of physics ideas in novel contexts as well as on the acquisition of knowledge. The course encourages creative thinking and problem-solving skills which are transferable to any future career path. Cambridge International AS and A Level Physics is ideal for learners who want to study physics or a wide variety of related subjects at university or to follow a career in science.



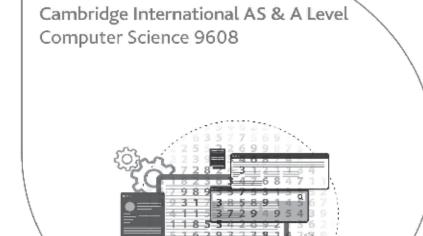


#### CAMBRIDGE INTERNATIONAL AS AND A Level computer science (9608)

The aim of the Cambridge International AS and A Level Computer Science syllabus is to encourage learners to develop an understanding of the fundamental principles of computer science and how computer programs work in a range of contexts

Learners will study topics including nformation representation, communication and Internet technologies, hardware, software development, and relational data base modelling. As they progress, learners will develop their computational thinking and use problem solving to develop computer-based solutions using algorithms and programming languages. StudyingCambridge International AS and A Level Computer Science will help learners develop a range of skills such as thinking creatively, analytically, logically and critically

They will also be able to appreciate the ethical issues that arise with current and emerging computing technologies.





#### **CAMBRIDGE INTERNATIONAL AS AND A LEVEL ART AND DESIGN (9479)**

The Cambridge International A Level Art and Design syllabus considers expression and communication. Learners gain an understanding of visual perception and aesthetic experience, and the ways in which art and designcreates a language of its own

Most of the work for this syllabus is practical or studio based, so that learners can develop their abilities of observation and analysis of the visual world, sensitivity, skill, personal expression and imagination. They also learnhow to relate their skills to an enhanced knowledge of their own cultures, past and present, as well as an appreciation of practical design problems

This syllabus replaces Cambridge AS & A Level Art & Design (9704) from 2019 onwards. The last series for Cambridge AS & A Level Art & Design (9704) will be November 2019





#### CAMBRIDGE INTERNATIONAL AS ANDALEVEL INFORMATION TECHNOLOGY (9626)

This syllabus encourages learners to become effective and discerning users of IT. It helps them to develop a broadange of IT skills, knowledge and understanding. Learners study the structure and use of IT systems within a wide range of organisations, including the use of a variety of computer networks. As a result, learners gain an understanding of IT system life cycles, and how these affect the workplace. They also learn about thewider impact of IT on society in general. At A Level, learners also study simple programming for the web relevant to their own use of IT.

Cambridge International AS & A Level Information Technology 9626



#### **CAMBRIDGE IGCSE**

Cambridge IGCSE è la certificazione internazionale più conosciuta al mondo per i ragazzi dai 14 ai 16 anni. Essa è riconosciuta dalle università più prestigiose e dai datori di lavoro in tutto il mondo come un passaporto internazionale per lo sviluppo e il successo. Elaborata oltre 25 anni a, è una certificazione provata, testata e ritenuta affidabile dalle scuole in tutto il mondo.

#### Programma

Il programma del Cambridge IGCSE offre una serie di percorsi per studenti con un'ampia serie di capacità, inclusi coloro per cui l'inglese non è la prima lingua







#### MATERIE

Sono disponibili oltre 10 materie nel Cambridge IGCSE.Il Cambridge IGCSE sviluppa le conoscenze, la comprensione e le capacità degli studenti in:

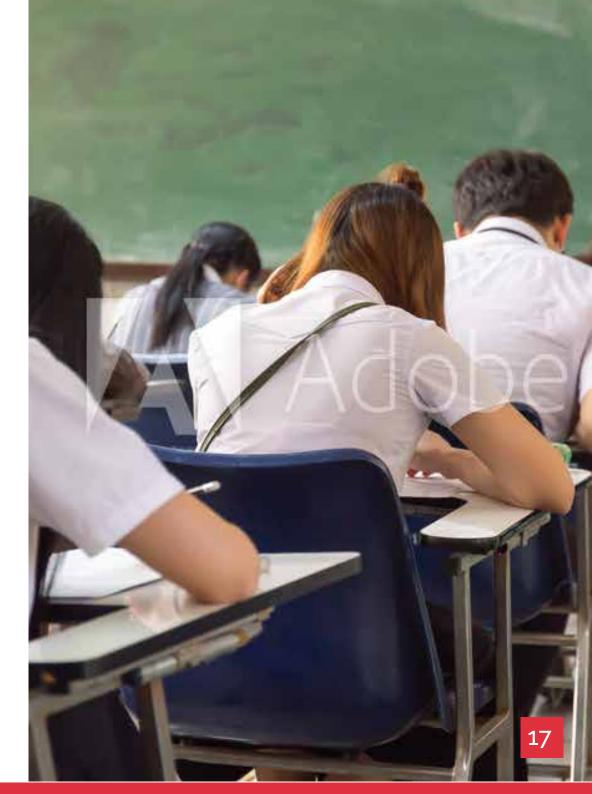
Learners following the Cambridge International As and A Level English syllabus will study a range of texts in the three main forms: prose, poetry and drama. Set texts are offered from a wide range of different periods and cultures



#### SCOPRITE DI PIÙ SULLE MATERIE DEL Cambridge igcse

- 🗕 🛛 Art & Design 0400
- Accounting 0452
- 🗕 Biology 0610
- Business Studies 0450
- Chemistry 0620
- Computer Science 0478
- Design & Technology 0445
- English Literature in English 0475
- English as a Second Language (Count-in speaking) 0511
- Global Perspectives 0457
- Information & Communication Technology 0417
- Mathematics 0580
- Mathematics International 0607
- Physics 0625
- Science Combined 0653
- 🗕 Sociology 0495
- Travel & Tourism 0471

Cambridge IGCSE classroom support







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