

Cambridge Program Curriculum Guide 2019-2020

Offered at select CSA schools

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Cambridge Curriculum Guide

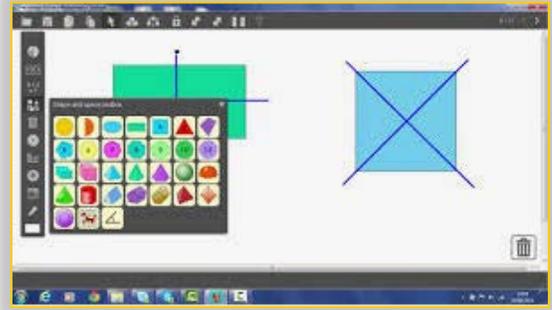
Primary Program

English Elementary School

Cambridge Primary English enables learners to communicate confidently and effectively and to develop the critical skills to respond to a range of information, media and texts with understanding and enjoyment. Learners who follow this curriculum framework will develop a first language competency in English based on a curriculum designed to be successful in any culture and to promote cross-cultural understanding.

Mathematics Elementary School

The mathematics curriculum framework explores five content areas: number, geometry, measure, handling data and problem solving. This curriculum focuses on principles, patterns, systems, functions and relationships so that learners can apply their mathematical knowledge and develop a holistic understanding of the subject.



Science Elementary School

This curriculum framework covers four content areas: scientific enquiry, biology, chemistry and physics. Scientific enquiry is about considering ideas, evaluating evidence, planning, investigating, recording and analyzing data. Environmental awareness and some history of science are also part of the curriculum.

Cambridge Global Perspectives Elementary School

Cambridge Primary Global Perspectives develops the skills of research, analysis, evaluation, reflection, collaboration and communication

Middle School Program

English Middle School

Cambridge Lower Secondary English enables learners to communicate confidently and effectively and to develop the skills to respond to a range of information, media and texts with understanding and enjoyment. Learners who follow this framework will develop a first language competency in English based on a curriculum designed to be successful in any culture and to promote cross-cultural understanding.





Mathematics Middle School

The curriculum framework explores six content areas: number, algebra, geometry, measure, handling data and problem solving. The first five content areas are all underpinned by problem solving, which provides a structure for the application of mathematical skills. Mental strategies are also an important part of the number content. The curriculum focuses on principles, patterns, systems, functions and relationships, so that learners apply their mathematical knowledge and develop a holistic understanding of the subject.

Science Middle School

This curriculum framework covers four content areas: scientific enquiry, biology, chemistry and physics. Scientific enquiry is about considering ideas, evaluating evidence, planning investigative work, and recording and analyzing data. The scientific enquiry objectives underpin biology, chemistry and physics, which are focused on developing confidence and interest in scientific knowledge. Environmental awareness and some history of science are also part of the curriculum.

Global Perspectives (Lower Secondary) Middle School

The program develops the skills of research, analysis, evaluation, reflection, collaboration and communication.



AICE Program – High School

AICE English Language - AS Level (Grades 9-12)

Cambridge International AS and A Level English Language provides learners with the opportunity to study English language and its use in communication. Learners will be encouraged to respond critically to a wide variety of texts in a range of forms, styles and contexts, and to promote skills of communication, reading, research and analysis.

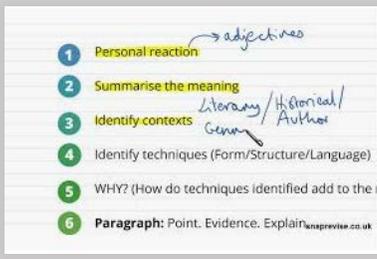
Through their study, learners will develop an ability to read and analyze material, gaining further knowledge and understanding of English language features and issues. Learners will also develop the skills of writing clearly, accurately, creatively and effectively for different purposes and audiences

AICE English Literature - AS Level (Grades 9-12)

Learners following the Cambridge International AS Level English 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 texts.





AICE English General Paper - AS Level (Grades 9-12)

The Cambridge International AS Level English General Paper encourages learners to engage with a variety of topics, including knowledge and understanding gained from study of other subjects. They learn to become confident in analyzing knowledge and opinion from a variety of sources, to build arguments and to communicate through written English.

AICE Global Perspectives - AS Level (Grades 9-12)

Cambridge International AS Level Global Perspectives and Research prepares learners for positive engagement with our rapidly changing world.

Learners broaden their outlook through the critical analysis of - and reflection on - issues of global significance. The Cambridge International A Level Global Perspectives and Research course is based on skills rather than on specific content. Learners develop research, thinking, reasoning and communication skills by following an approach to analyzing and evaluating arguments and perspectives called the Critical Path. Collaborative skills are enhanced through participation in a team project. The skills gained through the study of Cambridge International AS Level Global Perspectives and Research enables students to meet the demands of twenty-first century learning and to make a successful transition to study in higher education.

AICE Marine Science - AS Level (Grades 9-12)

Cambridge International AS Level Marine Science provides a coherent and stimulating introduction to the science of the marine environment. The course concentrates on the scientific study of the sea and its ecosystems.

The emphasis throughout is on the understanding of concepts and the application of ideas to new contexts as well as on the acquisition of knowledge, and the course encourages creative thinking and problem-solving skills which are transferable to any future career path.



AICE History – AS Level (Grades 9-12)

Cambridge International AS Level History is a flexible and wide-ranging course covering modern history in the nineteenth and twentieth centuries. The course builds upon skills and develops lifelong skills including understanding issues and themes within a historical period.

The emphasis is on both historical knowledge and on the skills required for historical research. Learners develop an understanding of cause and effect, continuity and change, similarity and difference, and use historical evidence as part of their studies. AS learners can select from topics on European, American or International history.





AICE Psychology - AS Level (Grades 9-12)

Cambridge International AS and A Level Psychology learners develop their appreciation of the subject by exploring the ways in which psychology is conducted. As part of their studies, learners also review important research; this provides an insight into the ways in which psychology has been applied, thereby leading to a better understanding of key approaches, research methods and issues and debates.

