



KINDLE KIDS
INTERNATIONAL SCHOOL

SUBJECT SYNOPSIS
CAMBRIDGE LOWER SECONDARY
PROGRAMME
(Year 6 to Year 8)

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- Outline for **English**

Cambridge Lower Secondary English encourages a life-long enthusiasm for reading, writing and spoken communication.

Learners develop English skills for different purposes and audiences.

This curriculum is for learners who have English as a first language, and can be used in any cultural context

This curriculum focusses on developing the four main skills viz., reading, writing, speaking and listening. It is designed to be successful in any culture and to promote cross cultural understanding.

It is a syllabus driven study that helps develop learner skills in creative thinking, application of knowledge and problem solving. Every unit will cover different genres of reading and writing. This curriculum is presented in five content areas or 'strands'. These are further divided into 'substrands'.

- Outline for **Mathematics**

Our lower secondary mathematics curriculum encourages life-long enthusiasm for analytical and rational thinking.

Learners develop a holistic understanding of the subject, focussing on principles, patterns, systems, functions and relationships.

They will become mathematically competent and fluent in computation, which they can apply to everyday situations.

'Thinking and working mathematically', a unique feature of our curriculum, encourages learners to talk with others, challenge ideas and to provide evidence that validates conjectures and solutions. When learners are thinking and working mathematically, they actively seek to make sense of ideas and build connections between different facts, procedures and concepts. This supports higher order thinking that helps them to view the world in a mathematical way.

- Outline for **Science**

Lower secondary science curriculum helps learners develop a life-long curiosity about the natural world and enables them to seek scientific explanations to the phenomena around them.

Students will think scientifically and develop practical skills alongside knowledge and understanding, which is vital for explaining the world around us. Improving learners' awareness of science in the world around them develops their sense that 'science is for me', helping to connect themselves to the subject.

This approach provides them with the knowledge and skills they require to excel at science in later stages of education and to make informed choices, including considering sustainability issues and meeting the challenges facing our environment.

- Outline for **Art & Design**

Art & Design gives learners a platform to express themselves, sparking imagination, creativity and developing transferable skills. Students explore and push boundaries to become reflective, critical and decisive thinkers. They learn how to articulate personal responses to their experiences.

Students develop creative skills that will help with many aspects of their future learning and development.

This course supports progression to many other creative subjects at Cambridge Upper Secondary.

- Outline for **Physical Education**

Physical education is a vital part of a balanced school curriculum. Regular exercise improves physical and mental health.

Establishing good patterns of exercise in lower secondary school provides learners with the foundation of an active and healthy lifestyle.

This subject is about learning to move and moving to learn. Learners develop skills through a wide variety of age-appropriate physical activities, including games and team sports.

- Outline for **ICT**

CS computing curriculum helps learners understand how computers work. This stimulating course gives students the opportunity to look inside a computer to understand the purpose of different components.

They will develop coding skills in text-based programming languages, such as Python, and learn that computers can only perform actions that humans ask them to do.

- Outline for **Hindi**

Cambridge Hindi as a Second Language is accepted by universities and employers as proof of knowledge and understanding of Hindi as a Second Language.

Hindi as a Second Language syllabus encourages learners to develop an understanding of a wide range of social registers and styles, and to learn to communicate appropriately.

- Outline for **Tamil**

Cambridge Lower Secondary Tamil is designed for learners who already have a working knowledge of the language and who want to consolidate, and develop further, their understanding to progress in their academic journey. Learners will gain an understanding of how to use Tamil effectively in the type of situations, and Tamil-speaking environments, that they will encounter in their daily lives.

The aim is to enable learners to achieve greater fluency, accuracy and confidence in the written language and to achieve a level of practical communication which can also form the basis for further, more in-depth language study.

- Outline for **French**

The primary goal of French as a second language programs is to increase, within realistic and well-defined parameters, a student's ability to understand and communicate in French. The programs also enable students to better understand the stages of language learning and the use of language learning strategies to acquire the language.

- Outline for **Cambridge Global Perspectives**

Cambridge Global Perspectives is a unique, transformational programme that helps students at every stage of school education develop outstanding transferable skills, including critical thinking, research and collaboration. This innovative and stimulating skills-based programme places academic study in a practical, real-world context. It gives students aged 5 to 19 the opportunity to develop transferable skills such as critical thinking, problem solving, research, communication and collaboration that they need to be successful at school and university as well as in their future careers.