



KINDLE KIDS
INTERNATIONAL SCHOOL

SUBJECT SYNOPSIS
CAMBRIDGE PRIMARY PROGRAMME
(Year 1 to Year 5)

SUBJECT SYNOPSIS

- Outline for **English**

Cambridge Primary English fosters a lifelong enthusiasm for developing skills and understanding in four areas: reading, writing, speaking, and listening. Students will learn how to communicate effectively and respond to information, media, and texts. Students will become confident communicators who are able to apply all four skills effectively in everyday situations. We can see them as writers, using the written word clearly and creatively for a range of different audiences and purposes.

This curriculum supports an integrated approach to teaching the four skills through a range of fiction genres, poetry, play scripts, and non-fiction texts to provide authentic contexts for skills development. Cambridge Primary English uses a broad range of activities for students that promote experience, reflection, and improvement

- Outline for **Mathematics**

Math helps students think analytically and develop their reasoning skills. We promote analytical and rational thinking in our primary mathematics curriculum. Students develop a holistic understanding of the subject by focusing on principles, patterns, systems, functions, and relationships. As a result, they will become mathematically competent and fluent in computation, which they can use in everyday situations.

‘Thinking and working mathematically’, a unique feature of the Cambridge 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.

We have divided this subject into three main areas called ‘strands’, which run through every primary mathematics stage. Learners will develop skills in:

- Number
- Geometry and Measure
- Statistics and Probability.

The strands work together to help students recognise connections of mathematical concepts as they engage in creative mathematical thinking to generate and improve numerical fluency

- Outline for **Science & Environmental Science**

Our exciting new primary science curriculum helps learners develop a life-long curiosity about the natural world and enables learners 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. This curriculum covers six main areas called 'strands' that work together so that you can teach science holistically:

- Biology – living things and how they interact.
- Chemistry – the study of matter.
- Physics – the interaction of matter and energy.
- Earth and Space – planet Earth, the wider Solar System and beyond.
- Thinking and Working Scientifically – develops understanding and skills of scientific models and representations, scientific enquiry and practical work.
- Science in Context – helps teachers demonstrate the relevance of science to learners and unique to our science curriculum.

- Outline for **Art & Design**

Art 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. They will:

- learn to see themselves as artists and become increasingly reflective and independent
- develop the skills needed to express creative ideas and communicate visually
- understand their place and the place of others in a creative, innovative and interconnected world.

Cambridge Primary Art is taught through a broad range of investigative, art-making and reflective activities. These include a number of study areas, for example painting, print making, model making or digital art. This course supports progression to [Cambridge Lower Secondary Art & Design](#)

- Outline for **Physical Education**

This subject is about learning to move and moving to learn. Physical education is a vital part of a balanced school curriculum. Regular exercise improves physical and mental health and there is growing evidence that it improves academic performance across the curriculum. Establishing good patterns of exercise in primary school provides learners with the foundation for an active and healthy lifestyle.

Learners develop skills through a wide variety of age-appropriate physical activities, including games, gymnastics and dance. As individuals and team members, they will:

- increase confidence, moving with increasing control, fluency and variety
- improve their understanding of concepts, rules, tactics, strategies and compositional ideas
- participate in respectful and responsible ways, engaging appropriately and safely
- improve knowledge and understanding of how physical education can contribute to a healthy and active lifestyle
- develop transferable skills promoting physical, cognitive and social development and become independent, critical and reflective movers and thinkers.

Students develop creative skills that will help with many aspects of their future learning and development. The course supports progression to the [Cambridge Lower Secondary Physical Education](#).

This subject is taught through a broad range of tasks, challenges and physical activities. Learners will move for as much of each lesson as possible, with activities designed promote learners' confidence, self-esteem, cognitive abilities and social skills.

- Outline for **Information Communication Technology (ICT)**

Digital literacy (ICT) is an essential skill for learners of all ages, including the youngest primary students. The digital world allows us to connect, collaborate, innovate and discover new information on an ever-broadening scale, and learners must be able to effectively use technology from the very beginning of their educational journey.

Students develop the digital skills that will help with many aspects of their future learning and development. They will:

- understand their place, and the place of others, in an interconnected world and make educated decisions about the information that they encounter online
- develop knowledge and understanding that will allow them to respond to, and evaluate technology of the future
- develop skills to create increasingly sophisticated documents and presentations
- learn how to become positive contributors to the digital world
- use digital technology safely and protect their own physical and emotional wellbeing.

This course supports progression to [Cambridge Lower Secondary Digital Literacy](#)