



Sadhana Infinity
International School
—Leading To Excellence—

Welcome to Cambridge International Curriculum @SIIS

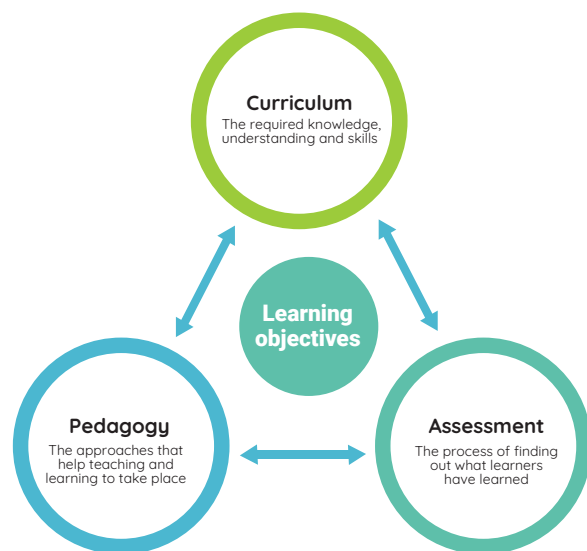


 **CAMBRIDGE**
International Education

Cambridge International School

An Integrated Programme

We believe education works best when curriculum, teaching, learning and assessment align. Cambridge Pathway prepares students for the next stage by developing knowledge, understanding and skills across the programme.

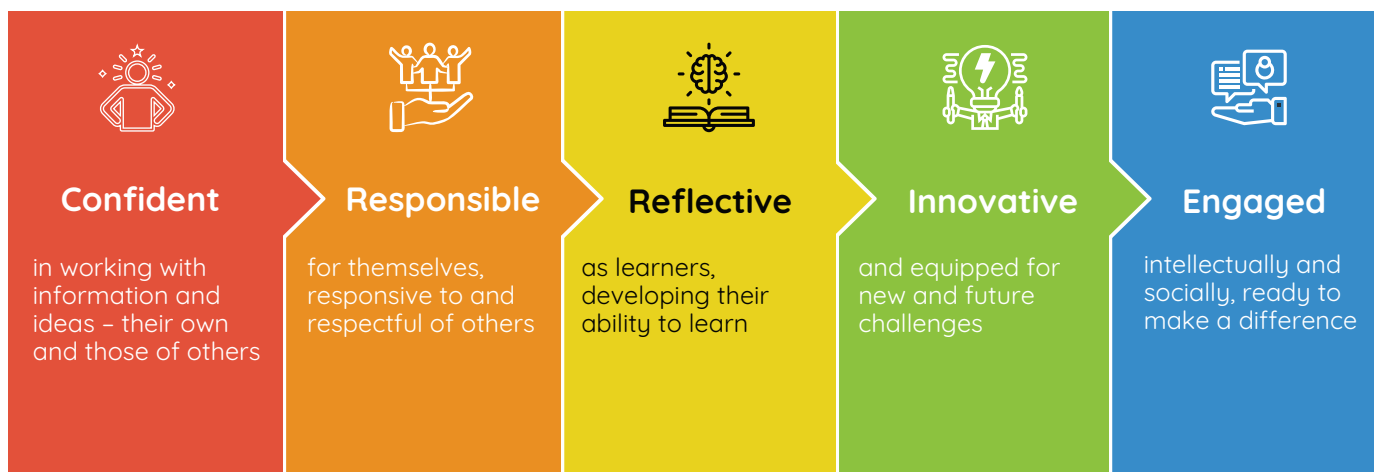


What's it like in a Cambridge classroom?

- Cambridge students play an active role in the classroom.
- Deepen their subject knowledge, develop higher-order thinking skills, and learn to apply what they've learned.
- Encouraged to think critically, construct arguments, and evaluate evidence.
- Learn to work independently and collaborate on projects.
- Build essential academic and life skills for success.



Cambridge learners are:



WHY CAMBRIDGE ?



Globally Respected and Recognised

The Cambridge Curriculum is one of the most widely recognized education systems, accepted by leading universities and institutions worldwide. This global recognition ensures that students are prepared for international higher education opportunities, giving them a competitive edge in both academia and future careers.



Focus on Depth Conceptual Understanding

The curriculum emphasizes a deep understanding of core subjects rather than surface-level learning. This rigorous approach, especially in science, technology, engineering, and mathematics (STEM), equips students with the analytical and problem-solving skills necessary for advanced studies and specialized careers, making them better prepared for the demands of a rapidly changing society.



Enhances Skill Building and Development

In addition to academic excellence, the curriculum prioritizes the development of key skills such as communication, collaboration, creativity, and critical thinking. These skills are vital for success in higher education, enabling students to thrive in diverse environments and excel as adaptable, confident leaders.



Assessments with Global Benchmarks

Cambridge curriculum assessments, including Progression and Checkpoint exams, set an international benchmark by providing evaluations marked by the Cambridge Board. Progression tests track students' academic development over time, while Checkpoint exams offer a clear measure of performance at key stages. These assessments align with global standards, ensuring that students are compared against an international scale of achievement.



Encourages Interdisciplinary Learning

Cambridge encourages students to see the connections between subjects, helping them apply knowledge in a variety of contexts. This approach nurtures a holistic understanding of how the world works and prepares students to tackle complex, multifaceted issues by integrating knowledge from different fields, setting them apart as versatile learners.



Develops Independent Thinkers

The curriculum fosters independence by encouraging inquiry-based learning, where students are guided to ask questions, conduct research, and draw their own conclusions. This approach not only boosts self-confidence but also develops critical thinking skills, enabling students to navigate complex problems and make informed decisions—key attributes for future leaders and innovators.



Fosters a Love for Learning

With an emphasis on curiosity and exploration, the Cambridge Curriculum nurtures a passion for learning that extends beyond the classroom. By providing opportunities for students to pursue their interests and develop their talents, it instills a lifelong desire to seek knowledge, continuously grow, and adapt to new challenges.

Enhancing Skills and Learning in the Cambridge Classroom



Undertaking critical analysis, applying logical reasoning, and devising solutions.

- Global Perspectives: Case studies, challenges and Reflections
- Debate competition
- MUN



Connecting with Communities Learning beyond the classroom

- Community Outreach Programme
- Guest Lectures
- Field Trips
- Excursion
- Night Camps



Fostering Language Skills

- Literary Clubs/ Competitions
- RAZ Kids
- Library Resources



Analysing and evaluating Learning Outcomes

- Student Led Conferences
- Exhibition
- Seminars/ Workshops



Refining Oratory, Presentation, and Public Speaking

- Special Assemblies
- Theatre Arts
- Clubs
- TEDEd



Enhancing teamwork abilities

- International School Collaboration
- Group Projects
- Team Sports



Building Stronger Conceptual Understanding with Hands-on Experiences

- Science Lab
- Math Lab
- STEM Kits
- ICT Lab



Appraising and nurturing talents in the right direction

- Career Counselling
- Entrepreneurship Programmes
- Coding Programmes

Curriculum

Cambridge Primary and Lower Secondary

(Grades 1 to 8)

The curriculum offers an engaging educational journey, providing a broad and balanced foundation for school, work, and life. With clear learning objectives, it builds essential knowledge and skills.



Subjects we offer at SIIS for Cambridge Primary and Lower Secondary

- Cambridge English as a first language
- Cambridge Math
- Cambridge Science
- Cambridge Computing
- Cambridge Global Perspective
- (Starts from Grade 4 with Integrated Indian Social Studies)
Hindi & French as Second Language
- (Starts from Grade 1)
Hindi , French and Telugu as third language
- From grade 4 to 8 students

Assessment

Cambridge believes assessment should support learning, so we assess the areas we know are most valuable in preparing students for the future – like deep knowledge, conceptual understanding and higher-order thinking skills.

Cambridge Primary and Lower Secondary offer types of assessment that teachers can use to monitor learner performance and report progress to learners and parents:

Cambridge Primary Progression Tests – Grade 2 to 8

- 📏 **Measure**
Learners' skills and understanding in English, Maths and Science
- ✍️ **Marking**
Question papers from Cambridge are evaluated by teachers
- 📈 **Benefits**
 - Get detailed information about learner **performance**.
 - Compare **strengths and weaknesses of individuals and groups**.
 - Give **structured feedback** to learners and parents.

Cambridge Primary Checkpoint Grade - 5 Lower Secondary Checkpoint Grade- 8

- 📏 **Measure**
Learners' skills and understanding in English, Maths, Science and Cambridge Global Perspectives.
- ✍️ **Marking**
Marked by Cambridge International*.
- 📈 **Benefits**
 - See how learners are performing against an **international benchmark**, and in comparison, to the rest of their class.
 - Easily monitor group and **individual performance**.
 - Learners receive a statement of achievement and **diagnostic feedback report**.

Cambridge IGCSE

(International General Certificate in Secondary Education : 2Yrs Programme)



Cambridge IGCSE encourages **learner-centred** and **enquiry-based** approaches to learning. It develops learners' skills in creative thinking, enquiry and problem solving, giving learners' excellent preparation for the next stage in their education

Cambridge IGCSE develops learner knowledge, understanding and skills in:



Where do Cambridge IGCSE qualifications take you?

Cambridge qualifications are accepted and valued by universities around the world, including **MIT, Harvard and Cambridge**. They are recognised as qualifications that prepare and equip students with the skills they need to succeed both at university and beyond. Universities value the independent research and critical thinking skills, as well as the deep subject knowledge that Cambridge qualifications bring.

Cambridge students are eligible to appear for competitive exams like **EAMCET, NEET or IIT or AIEEE etc...**

Cambridge qualifications are approved and recognised by **AIU (Association of Indian Universities)**. Students wishing to continue their studies in India are eligible to do so.

Cambridge IGCSE provides a solid foundation for any Higher-Level international courses such as A/AS Levels, the IB Diploma and the US Advanced Placement programme and National such as Intermediate/PUC etc.,

Assessment

Students will receive semester reports throughout the two year course however, official Cambridge IGCSE assessment takes place at the end of the two year course and can include written, oral, coursework and practical assessment. In many subjects there is a choice between core and extended curricula, making Cambridge IGCSE suitable for a wide range of abilities

IGCSE Subjects Offered @ SIIIS

Group 1

Languages

Mandatory to choose 1 of the Subjects from Second lang options

| S.no | Subject | Code |
|------|----------------------|------|
| 1 | First Lang English | 0500 |
| 2 | Hindi - Second lang | 0549 |
| 3 | French - Second Lang | 0520 |

Group 2

Humanities and Social Sciences

Mandatory to choose only 1 of the Subjects

| S.no | Subject | Code |
|------|--------------------------|------|
| 1 | Economics | 0455 |
| 2 | Environmental Management | 0680 |

Group 3

Sciences

Mandatory to Atleast choose 1 of the Subjects (can choose Max of 3 subjects)

| S.no | Subject | Code |
|------|------------------|------|
| 1 | Biology | 0610 |
| 2 | Chemistry | 0620 |
| 3 | Physics | 0625 |
| 4 | Combined Science | 0653 |

Group 4

Mathematics

Mandatory

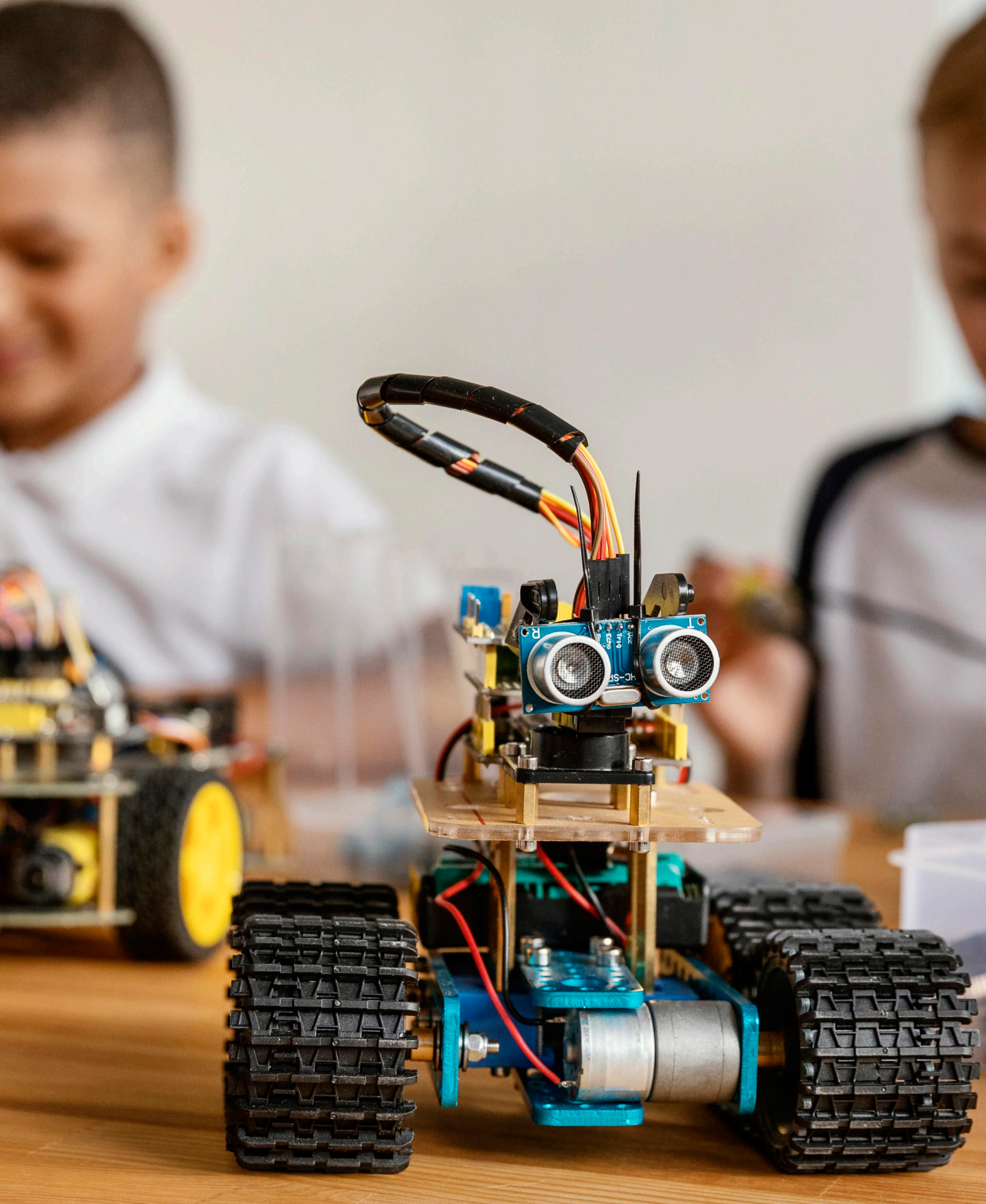
| S.no | Subject | Code |
|------|----------------------------------|------|
| 1 | Mathematics (without coursework) | 0580 |

Group 5

Professional & Creative

Mandatory

| S.no | Subject | Code |
|------|------------------|------|
| 1 | Computer Science | 0478 |



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