

Curriculum
Cambridge International Centre – IN868
The aim of education is the knowledge, not of facts, but of values.
“Breaking barriers and widening Horizons.”

International education and experience make people aware that understanding the world is very much part of the requirement of education process.

At the request of many parents and true to an International School, the school started offering the Cambridge International General Certificate of Secondary Education (IGCSE) from August 2010. This is one of the most recognized qualifications around the world Cambridge course are renowned for developing vital educational skills, including recall of knowledge, oral skill, problem solving, initiative, team work and investigative skills. The resulting qualification provides a foundation for higher level courses, such as Cambridge A and As levels, the Cambridge advanced International Certificate of Education, the North American Advanced placement Programme and the International Baccalaureate.

International education and experience make people aware that understanding the world is very much part of the requirement of education process. Vaels International School believes in enabling students to learn a positive but critical approach to problem solving, to think globally and to create responsible global citizens utilizing international curricula, fully compliant with principles of student- centered learning

- ☀ Vaels International School successfully started imparting the Cambridge curriculum (CIE) from 2010 onwards with IGCSE. School admits students for both the sessions of exams conducted by CIE namely Summer (May – June) and Winter (October – November). The school also offers Cambridge Secondary 1 for grades VI and VII.

About CIE (Cambridge International Examinations)

CIE is part of Cambridge Assessment, Europe’s largest assessment agency and department of the University of Cambridge. Cambridge Assessment was established in 1858 as the University of Cambridge Local Examinations Syndicate (UCLES), and it will celebrate its 150th anniversary in 2008.

- ☀ CIE examinations are taken in over 160 different countries.
- ☀ Cambridge qualifications are recognized by universities, colleges and employers across the globe.

The following sections provide more details about the Cambridge Primary, Cambridge Secondary – 1, Cambridge Secondary – 2 (IGCSE), GCE and AS & A level (XI & XII) with subject combinations offered at Vaels International School.

Cambridge Primary for Grades III, IV & V

- ☀ Cambridge Primary is an Education Programme for young learners. It combines a world class curriculum, high quality support for teachers and integrated assessment.
- ☀ Cambridge Primary covers English, Maths and Science.
- ☀ Cambridge Primary provides a solid foundation for later stages of education.
- ☀ Cambridge Primary supports teachers in providing the best teaching and learning.
- ☀ Cambridge Primary is practical and flexible – The teachers can choose elements that are right for their learners.

Cambridge Secondary – 1 for Grades VI & VII

It lays emphasis in English, Maths and Science. English curriculum helps develop confident, creative and intellectually engaged learners, capable of applying their skills to respond to a range of information, Media and texts. Develops learners competences in language skills: -

- 🔥 Mathematics - curriculum framework is presented in 6 content areas with emphasis on problem solving skills. Mental strategies are also a key part of the number content.
- 🔥 Science – covers scientific enquiry, biology, chemistry and physics.

The Cambridge Secondary 1 is a framework for educational success for students approximately 11 – 14 years old.

It builds on the primary stage, and develops children’s knowledge and skills in Mathematics, English and Science.

The Cambridge Secondary 1 has been developed to link seamlessly with the Cambridge Secondary 1 and provides standardized tests to allow careful monitoring of progress from primary to lower secondary phases. It also provides excellent preparation for students embarking on IGCSE or O Level courses.

Subjects offered at our school

- 1) English
- 2) French/ Hindi
- 3) Mathematics
- 4) Science (Ext)
- 5) Information Technology
- 6) Science
- 7) Art

IGCSE Program (Grades VIII, IX and X)

What is IGCSE?

- 🔥 The International General Certificate of Secondary Education (IGCSE) is provide by University of Cambridge International Examination (CIE) one of the world’s leading providers of examinations.
- 🔥 IGCSE is a high profile qualification with an excellent reputation.
- 🔥 It is recognized by universities and institutes of higher education around the world.
- 🔥 It is equivalent in standard to British GCSE and International GCSE O level examinations.
- 🔥 The IGCSE is a balanced international curriculum which is designed to encourage high academic standards through a practical approach to teaching and learning.
- 🔥 The curriculum consists of a three year course of study leading to an examination which is typically taken at the end of grade 10 (10th Standard in the Indian curriculum).
- 🔥 Successful students receive an internationally recognized qualification, the IGCSE.
- 🔥 The school also offer Cambridge secondary’ at grades VI and VII level. The curriculum emphasizes on Maths, Science and English with graded progression tests.

Subjects offered at our school

1. English as I Language (0500)
2. French (0520)/ Hindi (0549)

3. Mathematics (0580)
4. Physics (0625)
5. Chemistry (0620)
6. Biology (0610)
7. Environmental Management (0680)
8. Information Technology (0417)

Benefits

- ☀ This course provides broad knowledge and develops creative thinking, application orientation for the concepts learned and enquiry into every aspect of the learning.
- ☀ IGCSE provides a foundation for higher level course, including A and AS levels and the AICE Diploma.
- ☀ Good IGCSE grades count towards entry to universities and colleges around the world.
- ☀ IGCSE offers students a flexible course of study that gives them the freedom to select the subjects that are right for them.
- ☀ Study and examination at IGCSE provide a broad knowledge base and learning skills that provide excellent preparation for higher studies and employment.

What is “A” Level?

‘A’ level is a two year programme after 10th standard conducted by the University of Cambridge UK. “A” level is one of the most recognized qualifications around the world. It is accepted as a proof of academic ability for entry into universities, institute of higher education and military schools, and is equally important for young people moving into employment. These exams are highly specialized and comprise of only three subjects. International ‘A’ level is a “gold standard” qualification. It has exactly the same value in admitting students to Universities as the U.K equivalent and is accepted as an entry level qualification by Universities world wide.

It offers flexibility of going abroad to the desired college and studying further in India as well. “A” level examination is equivalent to the 12th standard examination and is recognized by any board in India and hence the students can appear for any of the competitive examinations.

GCE “A” Level Subjects (XI & XII)

Science Stream

Physics (9702)

Chemistry (9701)

Biology (9700)

Maths (9709)

Business Studies (9707)

English Language (9093)

For full copies of the Curriculum frameworks, visit www.cie.org.uk/cambridgeprimary, www.cie.org.uk/cambridgesecondary and [www.cie.org.uk/igcse\(cambridgesecondary2\)](http://www.cie.org.uk/igcse(cambridgesecondary2))