I.G.C.S.E. Information & Communication Technology
(Cambridge Board)

Why Study ICT?

The Information and Communication Technology syllabus encourages learners to develop lifelong skills, which will be useful to them in their work across the curriculum and prepare them for future employment. Students will develop understanding of the implications of technology in society, including social, economic and ethical issues and awareness of the ways ICT can help in the home, in learning and in work environments.

The ICT syllabus combines theoretical and practical studies focusing on the ability to use common software applications to solve problems, including word processors, spreadsheets, databases, interactive presentation software, web browsers and website design. Learners analyse, design, implement, test and evaluate ICT systems, ensuring that they are fit for purpose.
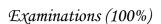
What's involved?

Students will study and be examined on the following topics;

- Types and components of computer systems
- Input and output devices
- Storage devices and media
- Networks and the effects of using them
- The effects of using IT
- ICT applications
- The systems life cycle
- Safety and security
- Communication
- File management
- Images
- Layout
- Styles
- Proofing
- Graphs and charts
- Document production
- Data manipulation
- Presentations
- Data analysis
- Website authoring

Examinations (100%)

All candidates will take three papers:-

Paper 1 – Theory

Paper 2 – Document production, Data manipulation and Presentation

Paper 3 – Data analysis and Website authoring