



# Cambridge ICT Starters



UNIVERSITY of CAMBRIDGE  
International Examinations

CAMBRIDGE INTERNATIONAL CENTRE

## What is Cambridge ICT Starters?

Information and Communications Technology (ICT) is now part of the educational experience of children in most parts of the world. Taught as both a discrete subject and embedded within the curriculum, ICT is regarded as a new 'literacy', alongside reading, writing and numeracy.

Cambridge ICT Starters is designed to introduce students, within Primary and Lower Secondary education, to the key ICT applications they need to acquire that literacy and to understand the impact of technology on our daily lives.

## Key benefits

Cambridge ICT Starters are:

- The learning and teaching tools of the 21st century helping students to:
  - learn across all curriculum subjects and prepare better for the workplace
  - gather and analyse information
  - communicate and share ideas
  - use ICT effectively for particular purposes
  - reflect on their use of ICT and the effectiveness of ICT in the wider world
- Valued and accepted throughout the world for their high standards of assessment
- Software independent, allowing students to learn techniques and skills that are transferable to a range of software, rather than specific programs
- Available in English and Spanish



## Areas of study

The syllabus provides a curriculum framework in which ICT competence is developed. Modules are delivered according to the needs of each learning situation and age of the students – across the curriculum or as a separate course of study.

Students use ICT to communicate, handle information, model and control. Through Cambridge ICT Starters, they develop key ICT skills

in a range of applications including: word processing, computer graphics, databases, spreadsheets, email, internet, presentations, control technology, video/animation and web authoring. They also learn to consider the wider issues of working with ICT such as adapting their work according to the particular audience and internet safety.

Initial Steps	Next Steps	On Track
<b>Stage 1</b>	<b>Stage 1</b>	<b>Stage 1</b>
<b>Starting Text</b> – learn how to create and edit text	<b>Exploring Documents</b> – learn how to create documents with text and images for a specific audience	<b>Documents for a Purpose</b> – develop further skills in word processing using page formatting options and adding tables
<b>Starting Images</b> – use graphical tools to create and edit pictures	<b>Exploring Images</b> – create pictures and designs with an increased variety of graphical tools	<b>Multimedia for a Purpose</b> – develop skills in using presentation software to include appropriate transition, build effects and animation
<b>Starting Graphs</b> – present information in charts or graphs and use these to answer questions	<b>Exploring Spreadsheets</b> – learn how to create spreadsheets using formulae and begin to model scenarios	<b>Spreadsheets for a Purpose</b> – develop, test and modify a spreadsheet with a real-life purpose
	<b>Exploring Databases</b> – learn how to enter and edit data in databases and create search criteria	<b>Databases for a Purpose</b> – design, create, develop and test a database for a real-life purpose
<b>Stage 2</b>	<b>Stage 2</b>	<b>Stage 2</b>
<b>Starting Control</b> – control a screen turtle by series of instructions	<b>Exploring Control</b> – control a screen turtle using the repeat command and named procedures	<b>Control for a Purpose</b> – design a control system using sequencing of events to activate multiple devices
<b>Starting Searches</b> – learn appropriate search techniques on CD-ROMs or the internet	<b>Exploring the Internet</b> – use the internet to browse, search for and retrieve relevant information	<b>Website Design for a Purpose</b> – learn how to create connected web pages including links and images
<b>Starting Email</b> – learn how to send, reply and forward email messages	<b>Exploring Email</b> – extend knowledge of email applications	<b>Networks for a Purpose</b> – design simple networks and consider issues associated with network management
	<b>Exploring Multimedia</b> – use multimedia authoring software and create presentations	<b>Video or Animation for a Purpose</b> – use ICT to create a simple video or animation for specific audiences

## Assessment

The qualification offers a structured scheme of assessment, operating at three levels:

- Initial Steps
- Next Steps
- On Track

At each level, a Cambridge ICT starters Stage 1 or Full Certificate is available. To gain a Full Certificate, students must achieve all modules at both Stage 1 and Stage 2 of their chosen level.



## About CIE

University of Cambridge International Examinations (CIE) is the world's largest provider of international qualifications for 14–19 year olds. CIE's broad range of qualifications are recognised by universities, education providers and employers across the globe.

## Further information

