

# Information Communication Technology 10

**Time:** 6 x 35 minutes per week

## Course Description:

The grade 10 Information and Communication Technology course aims to

- Help candidates to develop and consolidate their knowledge, skill and understanding in ICT and aware of new and emerging technologies
- Encourage candidates to develop further as autonomous users of ICT
- Encourage candidates to continue to develop their ICT skill in order to enhance their work in a variety of subject areas
- Provide opportunities for candidates to analyse, design, implement, test and evaluate ICT systems
- Encourage candidates to consider the impact of new technologies on methods of working in the outside world and on social, economic, ethical and moral issues
- Help candidates to improve their skills and increase their awareness of the ways in which ICT is used in practical and work related situations

**Resources:** Complete ICT for IGCSE, Stephen Doyle; Information and Communication Technology, Graham Brown and David Watson; Cambridge IGCSE Second Edition, Graham Brown, Brian Sargent, David Watson; IGCSE Information and Communication Technology, Graham Brown and David Watson

**Online resources:** [www.cie.org.uk](http://www.cie.org.uk), [www.w3schools.com](http://www.w3schools.com), [www.ictlounge.com](http://www.ictlounge.com), [www.teach-ict.com/gcsehome.html](http://www.teach-ict.com/gcsehome.html), [www.dropbox.com](http://www.dropbox.com), [www.reviseict.co.uk](http://www.reviseict.co.uk),

## Main Topics Covered:

### Semester 1

#### Theory

- Network issues and communication
- Effects of IT
- Health problems
- Applications
- Systems
- Security

#### Practical

- Files
- Images
- Layout
- Styles
- Software tools
- Website authoring
- Graphs & charts
- Data analysis
- Presentations
- Data manipulation
- Document production

### Semester 2

#### Theory

- IGCSE preparation
- Paper 1

#### Practical

- Data analysis review
- Data manipulation review
- IGCSE preparation
- Paper 2
- Paper 3

## Assessment

Internal Assessment	Weighting
<ul style="list-style-type: none"> <li>• End of Semester Examinations (SA1 + SA2)</li> <li>• Continual Assessment ( CA1 + CA2 + CA3 + CA4) including:                             <ul style="list-style-type: none"> <li>- Topic tests</li> <li>- Quizzes</li> <li>- Application of skills</li> <li>- Class work and homework</li> </ul> </li> </ul> <p>NB. Reports are issued at the end of each quarter.</p>	<p>25 + 45 10 + 5 + 10 + 5</p>