

GCSE Subject Information

Subject: ICT

What the subject is about:

The GCSE ICT course has two main areas of study, ICT Theory (40%) and Practical Work (60%). ICT theory will cover :

- a) Computer System used in Everyday Life, eg. what makes a good home PC;
- b) Computer Networks including the Internet;
- c) Computer Applications, ie. how computers are used in the Real World, (eg. Banking, Internet Shopping, Computer Games etc).
- d) How the use of Computers affects individuals and society, (eg. the impact of ICT on Education, Employment, Leisure, Crime etc).

The practical element of this course will require the students to complete 5 controlled assessments using a number of key Software Packages, ie. Spreadsheet, Database, Web Design, Multimedia Presentation Design, Computer Game Development and Video Editing.

Course content and assessment schedule :

Paper	Duration	% of total	Content
1	2 hours	40%	This will test the ICT theory described above.
Practical Work		60%	All 5 controlled assessments are based a business scenario set by the exam board (ie. CCEA).
Each student will complete 5 controlled assessments :			<ol style="list-style-type: none"> 1. Use Microsoft Access to create, maintain and retrieve information form a database. 2. Use Microsoft Excel to create a spreadsheet to perform business calculations. 3. Use Powerpoint to produce a multimedia slide show for presentation given by the manager of the business. 4. Use FrontPage to create a website for the business that includes video that must be produced and edited by the student. 5. Use Gamemaker to develop a game that must include alternative pathways, user interaction and a score counter.

Attributes needed to succeed in the course

Students who take this course should :

- 1) Enjoy working with Computers.
- 2) Enjoy practical work and have a record of completing good quality project work on time.
- 3) Enjoy learning about how devices work (eg. enjoy Science and Technology).