

ICT

Year 12

Topics Studied:

Students will spend the autumn and spring terms working on Unit 2. This is the coursework element and requires students to use ICT hardware and software applications to solve a problem involving three separate tasks: the production of (i) a document such as a leaflet or magazine, (ii) a document containing automated routines, such as a mail merged letter and (iii) a presentation to an audience, such as slide type show.

Alongside Unit 2 and in the summer term, students will learn and acquire knowledge and understanding of information systems and use spreadsheet modelling software to solve a realistic problem and prepare to answer questions on their solution in the written examination.

The examination topics include:

- Data, Information & knowledge
- Value, importance & Quality of information
- Validation & Verification
- Uses of ICT
- Networks
- Human-Computer Interface
- Social Issues
- Database Systems
- Modelling

Exam Board:

Year 12 students follow the WJEC A Level Information and Communication Technology specification.

Assessment structure:

IT 1 - Information Systems (60% of AS, 30% of A Level) 2 hr 15 mins examination
IT 2 - Presenting Information (40% of AS, 20% of A Level) coursework

Subject specific websites to support revision and independent learning:

www.teach-ict.com

Recommended subject guides:

- Essential ICT A Level: AS Student Book for WJEC, By Stephen Doyle.
ISBN: 1850084130

Additional Information:

Students will receive a Unit 1 past examination paper pack to support their revision and examination preparation.

