

EDEXCEL GCSE IN INFORMATION AND COMMUNICATION TECHNOLOGY (2IT01)

This qualification requires students to demonstrate knowledge and understanding of:

- current and emerging technologies and their impact on individuals, organisations and society
- a range of ICT tools and techniques and the ways they are used in different contexts to develop ideas and solve problems
- legal, social, economic, ethical and environmental implications of the use of ICT for individuals, organisations and society
- issues of risk, safety, security, and responsible use of ICT
- collaborative working
- the use of ICT to support.

It also provides students with the opportunity to develop the following skills:

- think creatively, logically and critically
- select, use and integrate ICT tools and techniques to meet needs
- find, select and evaluate information for its relevance, value, accuracy and plausibility
- manipulate and process data and other information, sequence instructions, model situations and explore ideas
- communicate data and information in a form fit for purpose and audience
- adopt safe, secure and responsible practice when using ICT
- develop appropriate and effective ICT-based solutions in a range of contexts
- evaluate their own and others' use of ICT.

Programme of Study

The Edexcel GCSE in ICT comprises two units.

	Assessment	Coverage	Topics
UNIT 1 Living in a Digital World	40% of the total GCSE Externally assessed through a 1 hour 30 minute examination paper set and marked by Edexcel A variety of question styles are used: multiple-choice, short answer and extended-writing.	In this unit students explore how digital technology impacts on the lives of individuals, organisations and society. They learn about current and emerging digital technologies and the issues raised by their use in a range of contexts (learning and earning, leisure, shopping and money management, health and wellbeing and on the move). They develop awareness of the risks that are inherent in using ICT and the features of safe, secure and responsible practice.	1. Personal digital devices 2. Connectivity 3. Operating online 4. Online goods and services 5. Online communities 6. Issues
UNIT 2 Using Digital Tools	60% of total GCSE Students must complete a controlled assessment task (CAB) provided by Edexcel (40 hours). This unit is internally assessed and externally moderated.	This is a practical unit. Students broaden and enhance their ICT skills and capability. They work with a range of digital tools and techniques to produce effective ICT solutions in a range of contexts. They learn to reflect critically on their own and others' use of ICT and to adopt safe, secure and responsible practice.	1. Research and information gathering 2. Modelling 3. Digital publishing 4. Evaluating outcomes 5. Working efficiently and safely

In Y10 and Y11 students receive three 60 minute lessons a week.

Students follow a scheme of work which is adapted to ensure that it is suitable for all students to make expected progress and receive their full entitlement of the national curriculum.

Y10
UNIT 2: USING DIGITAL TOOLS

	<p>Creating databases using MS Access</p> <p>CAB Activity 1: Investigation and survey</p>
Autumn 2	<p>DIGITAL PUBLISHING (Part 1)</p> <p><u>Skill development</u> Peer and self-evaluation How to be a good 'test buddy' Creating an effective logo using Serif DrawPlus. Creating an effective web banner using Serif DrawPlus Creating an effective digital posters using MS Powerpoint</p> <p>CAB Activity 1: Logo and web banner plus evaluations CAB Activity 2: Digital Poster</p>
Spring 1 & 2	<p>DIGITAL PUBLISHING (Part 2)</p> <p><u>Skill development</u> Planning digital products Creating an effective video advert using Movie Maker. Creating an effective website using Serif WebPlus.</p> <p>CAB Activity 3: Video advert and website plus evaluations</p>
Summer 1 & 2	<p>MODELLING</p> <p><u>Skill development</u> Creating a working model using MSEXcel Creating an effective report using MSWord Writing an overall evaluation</p> <p>CAB Activity 2: Spreadsheet model and report plus evaluations</p>

Y11
UNIT 1: LIVING IN A DIGITAL WORLD

Autumn 1	Personal Digital Devices
Autumn 2	Connectivity & Operating Online
Spring 1	Online Goods And Services & Online Communities
Spring 2	Issues
Summer 1	Revision & Exam Preparation

ICT Staff

Mrs M Whitehead