

Work Related Learning - ICT Key Stage 4

Core GCSE ICT – Edexcel

This qualification enables pupils to become independent and discerning users of ICT. Problem solving, emerging technologies and a range of ICT tools & techniques are all central to the course. Pupils are actively encouraged to think creatively, logically & critically and use a wide range of software applications to manipulate & process data. In Year 10 Unit 1 – “Living in a Digital World”, is covered. This explores how digital technology impacts on the lives of individuals, organisations & society. Learning focuses on current and emerging digital technologies and the issues raised by their use in a range of contexts, such as learning & earning, leisure, shopping & money management and health & wellbeing. Pupils develop an awareness of the risks that are inherent in using ICT and the features of safe, secure and responsible practice.

UNIT 1: Living in a Digital World

In this unit, students explore how digital technology impacts on the lives of individuals, organisations and society. Students 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 well-being, on the move). They develop awareness of the risks that are inherent in using ICT and the features of safe, secure and responsible practice.

Assessment:

- External – 1 hour 30 minute examination paper
- 40% of single GCSE
- 20% of double GCSE

UNIT 2: Using Digital Tools

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. Students learn to reflect critically on their own and others' use of ICT and to adopt safe, secure and responsible practice. They put into practice what they learned about digital technology in Unit 1.

Assessment:

- Internal – Controlled Assessment set by Edexcel
- 60% of single GCSE
- 30% of double GCSE

Double Award GCSE ICT – Edexcel

This builds upon the two units studied in the Core. It extends to enable pupils to acquire and apply creative and technical skills & knowledge and develop the skills to evaluate ICT-based solutions. Pupils are encouraged to explore ideas and communicate data and information in a form fit for purpose and audience. Pupils explore the design of interactive digital products such as websites, computer games & databases and learn how to interpret and produce design documentation with a strong focus on different types of digital content.

Assessment is via an External Assessment is via an External – 1 hour 30 minute examination paper, (Unit 1 – 20%) and an Internal Controlled Assessment set by Edexcel, (Unit 2- 30%), 1 hour 30 minute examination paper, (Unit 3 – 20%) and an Internal Controlled Assessment set by Edexcel, (Unit 4 – 30%).