DIGITAL TECHNOLOGY

Teacher in Charge: Mr R Eaton
Examination Board: WJEC

Overview of course content

GCSE Digital Technology is a new course for September 2021 and replaces the long running and popular GCSE ICT course.

The WJEC GCSE qualification in Digital Technology is a broad-based qualification that allows learners to build on the digital skills, knowledge and understanding that is used both in school and everyday lives. The qualification is designed for learners who wish to begin their journey towards a career that utilises digital technologies or to progress onto advanced level programmes of learning involving digital technologies. Learners will develop their understanding of the range of digital technology systems at use in our connected and globalised society. It will also allow learners to explore the ever-evolving nature of digital technology systems and how these systems can be used productively, creatively and safely.

Course content includes both theoretical and practical topics and the structure and content of the lessons will reflect this. Theory topics studied include:Data, Digital technology Systems, Digital Communications, The Impact of Digital Systems on Individuals and Organisations and Securing Data and Systems.

Practical work will develop learners' skills in areas such as spreadsheet modelling and data analysis, creating digital products such as multimedia webpages and developing and implementing a digital communications strategy. One example of the practical tasks could be analysing survey data to identify the requirements and interests of a target audience before creating a data informed multimedia website aimed at that audience on behalf of a client. A second example could be designing and implementing a social media marketing campaign on behalf of clients such as charities or businesses.

Summary of assessment

Unit 1 - The Digital World - 90 minutes on screen examination (40% of the qualification)

Unit 2 - Digital Practices - non examined assessment (practical) 45 hours scheduled in lesson time (40% of the qualification)

Unit 3 - Communicating in the Digital World - non examined assessment (practical) 15 hours scheduled in lesson time (20% of the qualification)

Learning Pathways post 16

This specification provides a suitable foundation for the study of Digital Technology at either AS or A level as well as developing key skills necessary in the world of work and in further and higher education.