

COMPUTING

Sixth Form

Mastering Digital Systems: IT in the Modern World

BTEC Extended Certificate in IT

- Computer Systems: Study the components and functionality of computer systems and their integration.
- Social Media in Business: Explore the strategic use and impact of social media in business environments.
- Databases (5-hour exam): Learn database design, implementation, and management for practical applications.
- Website Production: Develop skills in planning, designing, and creating user-friendly websites.

Year 10 & 11

Specialized Digital Media

Creative iMedia Course:

- Visual Identity: Planning, creating, and evaluating visual identities using pre-production documents and graphics software.
- Interactive Digital Media Products (IDMP): Developing interactive digital media products, including technical testing and evaluation against client briefs.
- Exam Preparation: Focused preparation and revision for IT in the Media Industry.

Cambridge Nationals IT:

- Spreadsheet Solutions: Planning, creating, testing, and reviewing spreadsheet solutions.
- AR App Development: Planning and creating AR app solutions, followed by testing and review.
- Exam Preparation: Focused preparation and revision for IT in the digital world exam.

Year 9

Advanced Digital Skills

- Understanding Computers: Detailed exploration of computer systems.
- Advanced Graphics and Spreadsheet Modelling: Developing skills in digital graphics and spreadsheet modelling.
- Interactive Multimedia: Planning and creating interactive multimedia products, including video editing using Microsoft ClipChamp.
- Introduction to Coding: Learning basic coding concepts through Kodu.

Year 8

Creative Computing

- Safe and Responsible Computing: Emphasis on using computers safely and responsibly.
- Digital Graphics and Multimedia: Introduction to digital graphics and multimedia projects like the 'SunBeat Summer Jam'.
- Project-Based Learning: Applying skills in a practical context through the CBeebies project.
- Cyber Security: Understanding computer crime and cybersecurity fundamentals.

Year 7

Digital Foundations

- Logging onto the Network: Introduction to the school's network and basic computer usage.
- Online Safety: Key principles for staying safe online.
- Office Skills: Practical skills in Word and PowerPoint for document creation and presentations.
- iMedia and Programming: Creative projects like designing a burger menu and programming a game in Scratch. Basic computer components are also introduced.

Primary

Digital Pathways: Navigating ICT Proficiency

- Foundational ICT Skills: Students begin with understanding the purpose of ICT in school and home, setting the stage for their digital literacy journey.
- Progressive Learning: Each year builds upon the last, covering basics like coding and privacy to more advanced topics like online safety and data management.
- Digital Citizenship Integration: ICT education is intertwined with lessons on responsible online behaviour, ensuring students develop into conscientious digital citizens.
- Hands-on Application: From robot programming to webpage creation, students engage in practical activities, reinforcing theoretical concepts with real-world skills.