

Curriculum Overview - Computing

- Grow confident, autonomous digital citizens who can use technology creatively, responsibly, and safely.
- Develop digital literacy, computational thinking, coding, data handling, and real-world application.
- Prepare students for digital aspects of the workforce including analysis, media creation, and online collaboration.
- Encourage global and ethical awareness (e.g. data privacy, digital divide, sustainability).
- Link digital skills to vocational contexts through BTEC pathways.

KS4	
Autumn	Core Computing & Digital Competence • Develop use of Teams/Office 365 • Focus on digital literacy and e-safety iDEA Project (intro) • Start digital essentials modules (Office tools, spreadsheets)
Spring	iDEA Project (continued) • Explore digital creation: graphics, video, web. • Coding basics with micro:bits. Computing in BTEC Pathways • Business – Excel modelling • Health and Social Care – Case studies
Summer	iDEA Project (complete) • Cyber security and employability modules Computing in BTEC Pathways (continued) • Sport – data analysis, training plans • Travel & Tourism – digital marketing • Careers & Future Readiness • Prepare for workplace with collaboration tools • Online behaviour & PSHE integration