# Information Technology

## Content
- Investigating, designing and creating User Interfaces
- Using project planning techniques to complete large IT projects
- Understanding the role and impact of data on people and businesses
- Learn how data can be collected and analysed
- Creating a data dashboard using spreadsheet software
- Understanding cloud-based technologies can support business and individuals
- Researching cyber security and ways to protect computer systems from attack
- Investigating some of the legal and ethical questions around the use of digital systems

## Assessment
Assessment will include a range of non-examination assessment where learners will complete an assignment in supervised conditions.  Students will also complete a written exam at the end of Year 11

## Facilities and Equipment used
- A range of industry-standard computer software and the latest cloud-based technologies
- Access to a range of online resources and teaching tools
- Access to Revision Guides and exam preparation resources
- All lessons are made available to students through Google Classroom

## Outside Learning Opportunities
- Students are encouraged to develop their understanding of new technologies and how they impact on society by keeping up to date with current technology news
- Students may be given the opportunity to explore how local businesses use ICT
- Students will be encouraged to develop their research skills by conducting surveys or researching specific issues outside of lesson time

## Related Careers
- Web Designer
- Graphic Designer
- IT Consultant
- Business Owner
- Database Manager
- Researcher
- Office Manager

## For further information contact
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