Blue Coat
Church of England Academy

Year: 11	Subject: ICT

Overview

In an ever changing, technologically advancing society it is imperative that we equip our students with the desired skills needed for their future life and career. With new technological jobs emerging constantly that have not previously existed, it is vital that our students are digitally literate, logical and adaptable thinkers who have the knowledge and skills to meet the ever changing and new demands of the future society.   The Royal Society has identified three distinct strands within computing that all complement each other – they are Computer Science, Information Technology and Digital Literacy. Each component is vital when preparing our students for their futures within the digital world.

Students have the opportunity to study either Computer Science or BTEC Digital Information Technology.

Information Technology

BTEC Tech Award Digital Information Technology (Level 1 and 2)
https://qualifications.pearson.com/en/qualifications/btec-tech-awards/digital-information-technology

Students develop knowledge and understanding through applying their learning to work related context and gain the skills that they need for further study and employment.

Students will complete 3 different assessments throughout the course –

Explore – Exploring using Interface Design Principles and Project Planning Techniques. Internally Assessed Assignment. 30% of the total course. Students investigate the different types of user interface, where and when they are used and then plan, develop and create their own interface for a given situation.

Develop – Collecting, Presenting and Interpreting Data. Internally Assessed Assignment. 30% of the total course. Students use spreadsheets to develop their own solution to a given problem using a variety of different formulas.

Apply – Effective Digital Working Practices. Externally Assessed Exam. 40% of the total course. This looks at various elements of IT, building on the areas that have been covered in the coursework and developing the skills and understanding through the written responses.