Blue Coat
Church of England Academy

Year: 9	Subject: ICT/Computer Science

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.

The new Computer Science curriculum has been developed to equip young people in England with the foundational skills, knowledge and understanding of computing that they will need for the rest of their lives.

Information Technology

Throughout year 9 students continue in the development of these vital digital skills, continuing to develop their IT skills through the use of Microsoft office programs including word, excel, PowerPoint and also learning how to use a database.

Students develop the skills that are necessary for the GCSE courses throughout year 9, developing image manipulation through Photoshop and combining this with the creation of websites.

Computer Science

Students will continue to develop their programming skills through the development of websites using HTML programming. They will also develop more complex text based programs using Python. These modules help the students to develop their Digital Literacy and Computing skills, becoming confident programmers and able to solve problems as they occur.