



Key Stage 3 Curriculum: ICT

Year 7:

ICT in this year is focused on allowing students to understand and access the technology that surrounds them in their daily lives. The course look at the three core concepts of Modern ICT : Computer Science, Digital Literacy and Extended Projects

- Using Email and access the school computers
- E-Safety when using the internet
- Rocket Cars Design and programming
- Working with Flow Charts
- Microbits and Problem solving
- Hardware and Robotics

Built into all of the Year 7 topics there is a strong focus on the skills with particular focus on:

- E Safety.
- Digital Literacy
- The use of software such as google classroom, Word, PowerPoint and Excel.
- Planning, production and evaluation.

Year 8

ICT aims to further develop their skills in the concepts of Modern ICT : Computer Science, Digital Literacy and Extended Projects. There is a greater focus on how ICT exists in the modern world and we aim to develop the students skills in being able to produce excellent examples of work that strive towards professional standards.

- Digital Graphics and Photo Manipulation.
- Digital Advertising
- Understanding the Internet
- Programming with HTML.
- Develop ICT resources for a Modern Business

Built into all of the Year 8 topics there is a strong focus on skills with particular focus on:

- E Safety.
- Digital Literacy
- The use of software such as google classroom, Word, PowerPoint and Excel
- Designing for a particular audience.
- How to evaluate work based on specific criteria.

Year 9

In Year 9 we begin to prepare students for the work that they will be doing at GCSE level the year after. This is almost a GCSE foundation year aimed at giving students the core skills needed to do well in Years 10 and 11, as well

helping them choose the correct ICT path. Our department offers the choice of three subject at GCSE Level which include: Computer Science, Media Studies and CiDA ICT:

- Problem Solving and Flow Charts
- Introduction to Python
- Digital non-linear stories
- Digital Animation
- The future of ICT
- Designing and Launching a new product

Built into all of the Year 9 topics there is a strong focus on skills with particular focus on:

- E Safety.
- Digital Literacy and problem solving
- The use of software such as google classroom, Word, PowerPoint and Excel
- Designing for a particular audience.
- How to evaluate work based on specific criteria.