Key Stage 3 Curriculum: ICT

Year 7:

ICT in this year is focussed on allowing students to understand and access the technology that surrounds them in their daily lives. The course looks 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
- Digital Games Design

Built into all of the year 7 topics there is a strong focus on the skill 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 greater focus on how ICT exists in the modern world and we aim to develop the student's 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/CSS
- Develop ICT resources for a modern Business

Built into all 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 as helping them to 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
- Programming with HTML/CSS and JavaScript
- Digital animation/filmmaking/photography/sound
- The future of ICT
- Designing and launching a new product

Built into the year 9 topics there is a strong focus on skills such as:

- 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