

ICT in Year 7

COURSE DESCRIPTION:

Throughout Year 7 students will experience a range of scenarios through which they develop problem solving and team working skills.

Lessons will aim to inspire their imagination and develop information technology skills which they can transfer to other areas of the curriculum and to their everyday life.

Lessons will be taught in dedicated computer suites by ICT specialists throughout Year 7.



COURSE CONTENT:

Students will have the opportunity to study the following:

PRESENTATION- PowerPoint presentation on autobiography.

DATABASES - Design, create and manipulate a database. Query a database

SPREADSHEETS [HARRY PLOTTER] - Explore spread sheet models , applying basic Maths.

GAME MAKING [SCRATCH] - An introduction to computer programming through game design

INFORMATION VALIDITY

Researching information. Questioning reliability, trustworthiness and validity

GRAPHICS [FIREWORKS]

Graphical manipulation tools skills building. Use bitmap and vector graphics

FLASH ANIMATION

Plan and design an animation sequence

WEB DESIGN [DREAMWEAVER]

Plan and design simple web pages

Equipment Required:

Minimum 2GB Memory Stick

Headphones

Gifted and Talented Provision

- Opportunities to develop ICT knowledge and understanding through the use of advanced technology.

Extracurricular Opportunities

- Lunchtime ICT Clubs
- Animation Club
- Robotics Club

Assessment

- Students are assessed regularly through projects they complete with assessments following the National Curriculum Programmes of Study
- Assessments will be used to track student progress, inform decisions about sets and create individual targets which will raise their aspirations

Useful Websites

BBC Bitesize

BBC Dancemat