

## YEAR 8

### COMPUTING

#### Curriculum Content

- Health and Safety in ICT
- Creating interactive multimedia presentations
- Animation (Adobe Flash)
- Introduction to Programming
- “Faking It” – how photo manipulation works
- Podcasting

#### Knowledge, skills and understanding

##### *Health and Safety*

We will look at the most common causes of health problems related to technology, and the best ways to avoid them.

##### *Creating interactive multimedia presentations*

Girls will learn how to combine sound, video, pictures and text to present information.

##### *Animation (Adobe Flash)*

Girls will create short cartoons using this popular animation package.

##### *Introduction to Programming*

Building on last year’s game design project, we will introduce the techniques that computer scientists use to program computers to perform simple tasks.

##### *“Faking It” – how photo manipulation works*

Girls will learn how photos can be altered, including news images and fashion shoots. This also serves as a PSHE exercise.

##### *Podcasting*

Girls will create short audio programmes which can be published on the Internet.

#### Assessment Opportunities

Attainment is assessed throughout the year by marking project work using criterion-based schemes, available to the girls in advance. Grades are available to girls online so that they can compare their progress against expected and exceptional targets.

An end of year theory examination is used to assess learning across the year.

