

## ICT Department

---

### The Curriculum

#### Key Stage 3

Girls are taught in their form groups and receive two periods of discrete ICT every week. During Years 7, 8 and 9 they learn to develop their skills and knowledge in the generic applications: Word, Excel, Publisher, PowerPoint and Access through project work and cross-curricular assignments.

In addition girls are taught about Health and Safety of using computers, how to use the internet effectively as a research resource, email etiquette and the dangers there are with respect to internet chat rooms. All girls work towards a formal Functional Skills qualification in ICT. The first assessment for this qualification is in the summer of Year 8. Success at the highest level is equivalent to a short course GCSE.

#### Key Stage 4

ICT is an option subject with girls receiving four periods of lessons a week.

The current Year 11 are following Edexcel GCSE Full award Code 1185. Click on the link for the full specification:

<http://www.edexcel.com/quals/gcse/gcse-leg/ict/1185/Pages/default.aspx>

The current Year 10 are following AQA ICT AS level. Click on the link for the full specification:

[http://web.aqa.org.uk/qual/gce/ict/ict\\_materials.php?id=04&prev=04](http://web.aqa.org.uk/qual/gce/ict/ict_materials.php?id=04&prev=04)



#### Sixth Form

The course followed is AQA A level. There are 2 units in the AS level and a further 2 units for the full A level qualification. Click on the link for the full specification:

[http://web.aqa.org.uk/qual/gce/ict/ict\\_materials.php?id=04&prev=04](http://web.aqa.org.uk/qual/gce/ict/ict_materials.php?id=04&prev=04)

Girls receive eight periods of lessons a week, which are split equally between the units.

Summary of the units are shown below.

### **AS: Year 12**

#### **Unit 1 (INFO 1) - Practical Problem Solving in the Digital World**

- 1½ hour written examination
- 50% of the total AS marks

You will be required to take into the examination sample work, which you will need to refer to in the examination and submit with your examination paper.

#### **Unit 2 (INFO 2) - Living in the Digital World**

- 1½ hour written examination
- 50% of the total AS marks

### **A2: Year 13**

#### **Unit 3 (INFO 3) - The Use of ICT in the Digital World**

- 2 hour written examination
- 60% of the total A2 marks (30% of the total A level marks)

Section A of the examination is structured questions based on pre-release material

#### **Unit 4 (INFO 4) - Coursework: Practical Issues Involved in the Use of ICT in the Digital World**

- A project based on practical work/investigation
- 40% of the total A2 marks (20% of the total A level marks)

### **Extra-curricular KS3**

All students are encouraged to use the ICT facilities during extra-curricular time; before school, at morning break and during lunch time to help develop their skills and knowledge further. If students require the use of a computer after 4pm, they can use one of computers located in the library, which is a supervised prep room.

### **Extra-curricular KS4**

Many of the GCSE subjects require the use of the ICT for their courses. All the girls are encouraged to use the ICT facilities during extra-curricular time; before school, at morning break and during lunch time to assist with their studies. If girls require the use of a computer after 4pm, they can use one of computers located in the library, which is a supervised prep room.

### **Achievements**

2008-2009 – Website Competition

Two teams achieved Highly Commended in the British Computer Society website competition.

2009-2010 – Doodle for Google

Congratulations to Rebecca Chard for being a **regional finalist** in the Doodle 4 Google competition My Heroes with her doodle on Picasso.

Congratulations to Sophie Redford for being the **national winner** in the Doodle 4 Google competition My Heroes with her doodle on Richard Attenborough.

