

## **Overview of Year 7 ICT Curriculum**

This year students will be following the National Strategy framework as outlined by QCA. The ICT department works closely with the co-ordinators from Liverpool LEA and has attained Leading Department status for its resources for the last 2 years.

### **Unit 1 - Using ICT**

The students design a slideshow introducing themselves to their classmates. They will use a range of images including internet and digital and consider colour and use of backgrounds. They will animate and time their show for optimum presentation and display their show to their classmates.

### **Unit 2 - Using data and information sources**

Students collect data for use in their project for 7.3 from a range of sources. They understand the different audiences and their needs including the Internet, Books, Magazines and the Media.

### **Unit 3 - Making a leaflet**

The students design a range of documentation considering design and the audience. They complete a leaflet designed for the Capital of Culture. They must consider the importance of accuracy and the need for an attractive layout to gain attention.

### **Unit 4 - Introduction to modelling and presenting numeric data**

The students analyse a range of data and construct a simple spreadsheet model. They are introduced to formulae and learn the benefit of this method of mathematics for future work.

### **Unit 5 - Data Handling**

The students analyse a range of data and construct a simple database model. They are introduced to fields, records, tables and forms. They are able to do simple searches and filters. They understand the benefit of this method of data storage for the workplace.

### **Unit 6 - Control & Monitoring**

The students are introduced to a range of control devices. They design flowcharts and are able to see the implications for this technology in comparison to manual methods.

## **Examinations/Key assessments**

The students complete a self assessment grid at the end of each unit. This ensures that the student is aware of his own learning. Students will also be involved in peer assessment. The teacher will complete an assessment and this will be calculated at the end of the year to produce the students mean level.

## **How Parents can help**

Parents can ensure their child is prepared for their ICT lesson by assisting them with their areas of research. If the student does not have access to a computer or the Internet, parents can advise their child that the local libraries are well-equipped and offer a range of software during their extended hours.