

## **DESIGN & TECHNOLOGY KEY STAGE 3 LEVEL 7**

Pupils at Key Stage 3 Level 7 perform well in the following areas:

- ◆ Writing a comprehensive list of design requirements, that includes quantitative detail.
- ◆ Identifying appropriate sources of information and using them to help explore different ideas.
- ◆ Producing a wide range of ideas that meet the design requirements.
- ◆ Investigating product characteristics and production processes.
- ◆ Taking into account the properties of materials and components when designing and making.
- ◆ Recognising there may be a variety of different users for the product and endeavouring to meet their differing needs.
- ◆ Communicating through a variety of media including formal drawing methods.
- ◆ Showing how the design will function in use, using appropriate communication techniques including I.T.
- ◆ Producing plans which predict the time and resources needed for making, including materials, tools and processes.
- ◆ Adapting plans for manufacture if necessary and justifying their decisions.
- ◆ Making complex and high quality products that fulfil all the important design requirements.
- ◆ Selecting appropriate techniques to evaluate and improve performance.