

## DESIGN & TECHNOLOGY

**Teacher in charge - Mr A. Jelf**

### **Aims**

To increase the depth of understanding and to extend the skills and knowledge developed in Year 7 by introducing the pupils to a wider range of skills, concepts and processes which meet the National Curriculum for Design and Technology at Key Stage 3. In particular the work will concentrate on Designing and Making, which makes up the single attainment target in D&T.

### **Course Description**

Pupils are time-tabled for 2 x 50 minute lessons per week of Design and Technology.

The course consists of five modules, which the pupils experience on a timetabled basis. The year group is split into eight groups and each completes all five modules.

### **FOOD – Teacher: Mrs L. De-Gay**

A themed course which covers:

- Focus on healthy eating.
- Healthy eating – getting the balance right with basic nutrition
- Food packaging and labelling
- Food safety
- Evaluating, development and sensory analysis

### **TEXTILES – Teacher: Miss R. Waller**

Wearable art

Looking at colour and repeat pattern

Colour theory

Design and make a food shopping bag

Fabric Experiments – Environmental impact of fabrics

### **PRODUCT DESIGN - Teacher: Mr A. Jelf**

Creative Design

Exploring the Iterative Design Process

Effective Communication of Design Proposals

Designing and making a stationary organiser

### **GRAPHICS- Teacher: Miss V. Richards**

Design and make a pop-up book for children

Levers and Mechanisms

Computer aided design and manufacture

### **Range of Activities**

Most of the lessons will be based around design activities which will involve responding to a design brief. Pupils will be encouraged to take home the work they produce though in some instances this may not be until the end of a module or term.

### **Homework Requirements**

Homework will normally be set each week and will usually be follow-up work to lessons or preparations or research for the following week's lessons.

### **National Curriculum Assessment Procedures**

Each module (or unit within a module) will be assessed by the teacher and the results recorded. Pupils will be encouraged to develop self assessment skills through regularly evaluating their own and others' work.