

DESIGN AND TECHNOLOGY

Teacher in charge – Mr A. Jelf

Aims

To extend the skills and knowledge developed at Key Stage 2 by introducing pupils to a range of skills concepts and processes which meet the requirements of the National Curriculum for Design and Technology. In particular, work will concentrate on designing and making which together make up the single attainment target in Design and Technology.

Course Description

All Year 7 pupils follow a Design and Technology programme for 2 x 50 minute lessons for the whole year. The year group is divided into seven groups of approximately 20 pupils. The following work is covered:

TEXTILES – Teacher: Mr O’Leary

- Researching other artists and portrait work
- Hand sewing and applique
- Design and make an animal themed doorstep

FOOD - Teacher: Miss L.McConnachie

- Health and Safety practices
- Healthy eating guidelines and diet analysis
- Recipe adaptations and development of basic skills
- Understanding equipment in Food Technology

GRAPHICS – Teacher: Miss V. Richards

- Packaging projects
- Using 2D Computer-Aided-Design to manufacture a net and apply surface graphics

PRODUCT DESIGN – Teacher: Mr A. Jelf

- Health & safety practices
- Technical drawing
- Drawing designs to Engineering practices

Range of Activities

Most of the lessons will be based around design activities which will involve responding to a design brief.

Homework

Homework will normally be set each week and will usually be follow up work from lessons or preparation or research work.

Assessment

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