



## **DESIGN & TECHNOLOGY CURRICULUM STATEMENT**

### **Rationale**

In teaching Design Technology at Frances Olive Anderson C of E Primary School we aim to prepare our pupils for a rapidly changing society. Through mainly practical, process based activities we will develop the skills of designing, making and evaluating products.

### **Aims**

The National Curriculum for Design and Technology aims to ensure that all pupils:

- develop the creative, technical and practical expertise needed to perform everyday tasks confidently and to participate successfully in an increasingly technological world
- build and apply a repertoire of knowledge, understanding and skills in order to design and make high quality prototypes and products for a wide range of users
- critique, evaluate and test their ideas and products and the work of others
- understand and apply the principles of nutrition and learn how to cook.

### **Planning and Organisation**

Design Technology is a foundation subject in the National Curriculum.

#### Key Stage 1 & 2

Through a variety of creative and practical activities, pupils are taught the knowledge, understanding and skills needed to engage in an interactive process of designing and making.

#### Cooking and nutrition

As part of their work with food, pupils are taught how to cook and apply the principles of nutrition and healthy eating. This overlaps with the science and PHSE curriculums taught.

The Cornerstones curriculum is used to inform Long Term and Medium Term planning which is reflective of the National Curriculum requirements.

### **Early Years Foundation Stage**

We teach Design Technology in reception classes as an integral part of the topic work covered during the year. As the reception class is part of the Early Years Foundation Stage of the National Curriculum, we relate the Design Technology side of the children's work to the objectives set out in the Early Learning Goals (ELGs) which underpin the curriculum planning for children aged three to five. Design Technology makes a significant contribution to the ELG objectives of developing a child's Knowledge and Understanding of the World through making and building models etc.

### **Resources**

Materials and tools for Design and Technology are kept centrally in the resource room.



*'Being different, Belonging together'*

### **Assessment and Recording**

The child's development of skills and understanding will be scrutinised by the Subject Leader through conversations with the children and book scrutiny. Assessment of progress will be on-going by the teacher throughout the year and will be carried out by observing, photographs and evaluating completed projects. The children's planning and designing work will be recorded in their Design and Technology/ topic workbooks.

### **Equal Opportunities**

Experience of Design Technology is an entitlement of all children and is essential to enable them to achieve their full potential as individuals and members of society. The needs of all children will be catered for through appropriate provision.

### **Health and Safety**

Prior to using tools and equipment, children will be taught how to handle and use them safely and they will be kept under observation when using them. They will be taught health and hygiene rules when handling food.

### **Monitoring**

Monitoring of the standards of children's work and of the quality of teaching in Design and Technology is the responsibility of the subject leader. The work of the subject leader also involves learning walks and completing a book scrutiny in each class on an annual basis, supporting colleagues in the teaching of history, being informed about current developments in the subject, and providing a strategic lead and direction for the subject in the school. The subject leader gives the Head teacher an annual action plan in which s/he evaluates the strengths and weaknesses in the subject and indicates areas for further improvement. The subject leader has specially-allocated time in which to fulfil this role by reviewing samples of children's work and visiting classes to observe teaching in the subject.

### **Review**

This guidance is monitored by all teaching staff with the leadership team. It will be reviewed when changes are made to the curriculum.