

# **DESIGN TECHNOLOGY POLICY**

## **St Thomas More's Catholic Primary School**

### **RATIONALE**

Design Technology offers children the chance to: investigate products, develop practical skills, design and make quality products and evaluate them. This is in line with our Mission Statement:

Through Design Technology, the children will develop the skills of: thinking, observing, gathering information, researching, communicating in a variety of ways, asking questions, solving problems and evaluating.

The children will develop the concepts, skills, knowledge, and attitudes necessary to investigate and evaluate designs and products, both their own and those of other people.

### **AIMS**

At St Thomas More's our intention is to provide equality of opportunity for all children, which will:

- cover the National Curriculum in Design Technology
- develop an understanding and knowledge of Design Technology
- develop critical evaluation of products
- develop the skills necessary to enable Design Technology to be carried out
- extend knowledge of relationships between design, product and function.
- link with other subject areas

### **OBJECTIVES**

Our objectives in teaching Design Technology at St Thomas More's are to:

- develop a knowledge and understanding of materials, mechanisms and structures through investigations
- learn the skills of making
- develop the concepts inherent in Design Technology through the exploration of design, product and function
- gain a knowledge of products through investigating, disassembling and evaluating
- develop the ability of using tools and materials with accuracy and with due concern for issues of health and safety
- develop skills in planning and evaluating a design and make project with consideration to the quality and usefulness of the finished item.

### **MONITORING**

The quality of Design Technology is monitored by Design and Technology Lead through:

- Scrutiny of medium and short-term planning
- Pupil interviews
- Work sampling
- Comparison of pupils' work year by year, using report grades as key indicators
- Photographs of large three-dimensional work kept as records.

Approved Curriculum Committee: June 2015

To be Reviewed: Tri-Annually

Review Date: Summer 2018

## **GUIDELINES FOR DESIGN TECHNOLOGY**

Design Technology should be run in line with the school Health and Safety Policy, especially the objectives concerned with the safe arrangements for use, handling, storage and transport of articles and substances and to establish and maintain safe working procedures among staff and pupils.

These areas in particular should be considered:

1. Ensure that allergies are taken into consideration by sending out a letter to be signed by parents before working with foodstuffs.
2. Ensure that all children understand the safe handling and storage of equipment.
3. Ensure that all children are properly supervised when handling sharp blades or hot materials and equipment.
4. Ensure that all equipment is correctly stored so that it will not be damaged.
5. Ensure that all foodstuffs are fresh and uncontaminated and are stored appropriately (e.g. in fridge if necessary).
6. Ensure that basic hygiene rules are followed when dealing with food.
7. Equipment for which supervision of use is required is stored in a cupboard in Neptune which should only be accessed by adults and kept locked when not in use.