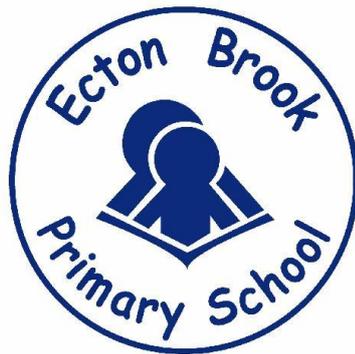


Ecton Brook Primary School

Design and Technology Policy

2017



ECTON BROOK PRIMARY SCHOOL

POLICY FOR DESIGN AND TECHNOLOGY

Design and Technology Policy

Introduction

This policy outlines the teaching and learning of Design and Technology in Ecton Brook Primary school.

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.

At Ecton Brook Primary School we aim to develop designing and making skills, knowledge and understanding to the best of each child's ability, using a range of tools, materials and components safely.

Implementing Design and Technology

At least three units of work are taught each year, and these may be taught in blocks during a half term. Each year group plans the units of work in accordance with the aims of the National Curriculum (see curriculum maps) and following the Chris Quigley schemes of work.

The Units of work include investigative, disassembly and evaluating activities, focused practical tasks, and design and make assignments. Focused tasks are planned to teach the correct and safe use of tools and equipment. The units of work are planned to link with the topics, and to ensure balance and progression throughout the child's time in our school. Links with other curriculum subjects such as literacy, music, art, history, science and ICT are provided through links with the topic. Children are usually taught Design Technology by their class teacher

Learning outcomes:

Children design and make a range of products. A good quality finish is expected in all design and making activities, appropriate to the age and ability of the child. Children are encouraged to make sketches, develop and communicate their ideas, draw plans and make

notes. Children evaluate their process and product by reflecting on their design. This leads them to make improvements and suggestions for future tasks.

Equal Opportunities:

We believe it is important for all children to experience the range of Design and Technology activities. The children will be encouraged to work in mixed groups and individually.

Special Educational Needs:

All children are encouraged and supported in their Design Technology activities. We recognise the importance of identifying the specific difficulties that individual children have in Design and Technology so that appropriate teaching and support can be given.

Assessment and recording

Teachers assess children's work in design and technology by making assessments as they observe them working during lessons. They record the progress that children make by assessing the children's work against the learning objectives for their lessons. Children's achievements in Design and Technology are reported to parents in the child's annual report.

Health and safety

The general teaching requirement for health and safety applies in this subject. We teach children how to follow proper procedures for design and technology, by teaching the safe use of tools and equipment and insisting on good practice

Resources

Our school has a wide range of resources to support the teaching of design and technology across the school. Classrooms have a range of basic resources, with the more specialised equipment being kept in a central area.