



Design and Technology Policy

	Signature	Date
Governor with responsibility		
Headteacher	Mrs L May	
Review date: Sept 2024		

The purpose of the Design and Technology policy

This policy is intended to outline the teaching and learning of design and technology throughout Treloweth Primary School. All children will be presented with the opportunity to undertake design and technology lessons during their time at the school. This will be structured in a progressive manner to enable the children to gather a sound understanding and provide them with skills for further work.

Aims

At Treloweth Primary School, we aim to:

- Prepare pupils to participate in tomorrow's rapidly changing technologies.
- Provide opportunities for all the children to design and make quality products.
- Provide children with opportunities to explore food and cooking techniques.
- Explore healthy eating and environmental issues within food production.
- Develop the children's knowledge and understanding to select a range of tools, materials and components.
- Become creative problem solvers, both as an individual and as part of a team.
- Develop the ability to use computing in conjunction with the designing and making process.
- Develop the ability to constructively criticise and evaluate their own products and those of others.
- Support children develop an understanding of the ways people in the past and present have used design to meet their needs.

Objectives

To achieve our aims we ensure that the planned activities our children undertake are challenging, motivating, relevant and enjoyable. We give children confidence in their work by providing continual support and encouragement. The children are extended in their work in a way, which develops their

expertise. The children are provided with the very best resources possible, while constantly reviewing this provision in the light of the curriculum changes, development and budget constraints.

Design and technology curriculum planning

Design and technology is a foundation subject in the National Curriculum for England. At Treloweth Primary School, we have used this document to support us in creating a progression map for Design and Technology. This ensures that all aspects of the subject are progressively covered throughout both Key Stage 1 and Key Stage 2.

To meet the requirements for the National Curriculum it is essential that each teacher carry out the following Design and Technology activities within a year;

- Mechanisms
- Textiles
- Food
- Structures

Assessment

Assessing a child's performance is a continuous process carried out over the full seven years at Treloweth Primary School. Assessment methods for Design and Technology include:

- Looking at a child's recorded work- written work/plans
- Discussions with the children
- Listening to the children's ideas as they discuss them with their peers
- Observing the children's skills in Design and Technology
- Record the progress that children make by assessing the children's work against the learning objective for that lesson. At the end of the unit of work, teachers make a judgement against the key learning skills and will record on progression map.

Resources

Treloweth Primary 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 more specialised equipment being kept in various places around the school. If a resource is unavailable for a specific project, items can be ordered.

Safety in Design and Technology

At Treloweth Primary School it is essential that all children are kept safe at all times. During design and technology lessons, it is the class teacher's responsibility to ensure that all children are made aware of the various health and safety issues that may arise. Children should be shown the correct procedures involved with different equipment used in the learning environment and how to follow proper procedures for food safety and hygiene. The children will also be made aware of the need to be careful and to understand that their actions can affect others.