

Believe and Achieve Together



St Mary's CE Primary School

Design Technology Policy

Adopted: June 2019
Reviewed: January 2023
Next Review: January 2026

*"I pray that you would be rooted and established in love.....
Filled to the measure of the fullness of God" (Ephesians 3:17-19)*

By faith we understand that the universe was created by the word of God, so that what is seen was not made out of things that are visible. Hebrews 11:3

Purpose of Study

Design and Technology prepares children to participate in tomorrow's rapidly changing technologies. It calls for them to be creative problem solvers, as individuals and as members of a Christian team. It is a practical activity which spans the curriculum, drawing on and linking a range of subjects. It involves developing ideas in response to needs and applying practical skills in order to design and make quality products fit for their intended purpose.

Aims

To implement fully the requirements of the National Curriculum Design and Technology document for all children in the school.

To develop skills by focusing on the three key elements of Materials, Mechanisms and Safety by incorporating:-

- focused practical tasks
- product evaluation and investigation
- processes of designing and making

To stimulate curiosity and interest in the made world.

To develop an interest and enthusiasm for designing and making for children of all abilities.

To develop children's designing and making skills through enjoyable, motivating and meaningful activities.

To develop children's confidence and skill in selecting and using a range of tools and materials purposefully.

To develop an ability to criticise constructively and evaluate their own ideas and products and those of others.

To develop children's use of design vocabulary when talking about their work

Planning, Assessment and Reporting

Assessment of Design Technology at both KS1 and KS2 will ensure that individual pupils are acquiring knowledge, understanding and skills at the appropriate standard. Evidence of a sample of pupil's attainment will be located in class floor books.

Health and Safety

Teachers will teach the safe use of tools and equipment and insist on good practice.

Children will be taught how to take steps to control risks.

Children will be strictly supervised in their use of equipment at all times.

Glue guns will only be used under adult supervision.

Bench hooks and clamps must be used when sawing any material; safety goggles must be worn and any loose items of clothing/hair must be tucked in.

Food Hygiene

Children and staff will take care to undertake appropriate hand washing and other hygiene related activities prior to preparing food.

Children and staff working with food will wear aprons designed for cooking.

Cooking equipment will be washed up in the staffroom and not in classrooms.