Small School. Big Hearts. Big Ambitions.

Design Technology Statements

I pray that your love for each other will overflow more and more, and that you will keep on growing in knowledge and understanding. Philippians 1:9

Why we teach Design Technology

At Dry Drayton C of E Primary School, we value Design Technology as an important part of our broad and balanced curriculum. It complements the Art and Design curriculum by teaching children important life skills in problem solving and logical thinking. It provides opportunities to plan, create and evaluate their own ideas and helps children to understand how these skills can be applied in designing and making products for a range of different functions and purposes. Children will be confident in their ability to make informed design choices based on their own knowledge and ideas and they will learn how to choose and use, safely, various tools.

Children will be confident in using a variety of approaches in problem solving, including trial and error in detailed planning processes. They will appreciate the need to have an understanding of the importance of making mistakes, and how this can inform and improve future learning. Children will be able to consider the needs of others as well as their own, in making design choices.

Design Technology also builds upon children's awareness of food and nutrition, providing experiences in handling and preparing a variety of foods and cooking equipment, alongside support in making and understanding healthy food choices. They will gain knowledge and understanding of where food comes from and the processes that this involves. Other vital life skills at our school are acquired through following and creating recipes.

How we teach Design Technology

The teaching of the Design Technology Curriculum at Dry Drayton C of E Primary School is based on the National Curriculum and linked to each term's topic to ensure a rich, well-structured and meaningful approach to this creative subject. Children will spend time designing a project which requires careful drawing and measuring, choosing appropriate materials by considering the suitability of their properties for the end product and then executing their well laid out plans. Time is given to reflect and evaluate once a project is complete, through peer and self-evaluation.

The children's learning is further enhanced with whole school Arts days or in Science week, when they have the opportunity for individual and collaborative projects and to explore the different styles and techniques of a range of designers and engineers. Meaningful outcomes will be shared and displayed in school, as well as within the wider school community.

We plan to support children with SEN and EAL through differentiated questioning, support and resources whilst having high aspirations in individual capacities for creativity in design and construction.

Assessing Design Technology

At the end of each project, a combination of verbal and written assessment during the evaluation process will enable the teacher to make informed judgements of the skills and knowledge gained during the learning period.