

Weyford Nursery and Primary Academy

DT Curriculum Statement

Intent

Our DT curriculum is designed to give children the opportunity to explore their creativity through designing and making. Children are taught to combine their practical skills with knowledge in order to create a product for a particular purpose. Skills are taught progressively throughout the years to ensure the children can develop their expertise from previous projects, allowing them to adapt and improve their practise: a key skill needed across the curriculum and as they go through life. DT also allows the children to apply knowledge learned in other subject, particularly Maths, Science and Art.

Implementation

The teaching and implementation of the Design and Technology curriculum at Weyford Nursery and Primary School is broadly based on the National Curriculum and is shaped by our ethos of learning through first-hand experiences. All units are structured to follow the 'design, make and evaluate' cycle, with each stage embedded with technical knowledge and vocabulary. This then allows the planning to engage the children with real life, relevant contexts to give meaning to their learning. While constructing, the children are given a range of tools to choose from and are taught to evaluate which are the most appropriate for the specific task and, most importantly, how to use each tool safely.

The key skills we teach the children are:

- Sewing and textiles
- Cooking and nutrition
- Electrical and mechanical components
- Using materials

Impact

Our children will have access to a broad and balanced Design and Technology curriculum to gain a variety of skills and experience that they can apply accurately when designing and making a product for a particular purpose. They will be able to evaluate the effectiveness of existing products to inform the design of functional and innovative products. Children can select and use a wide range of tools, materials and components to perform practical tasks accurately and safely.