



## **Design Technology**

### **Intent**

At St Winifred's Catholic Primary School, we understand that Design Technology is an inspiring, rigorous, and practical subject that should provide children with a real-life context for learning. DT will allow children to solve real-life and relevant problems within a variety of contexts, considering their own and others' needs, wants, and values. Children will learn how to take risks, becoming resourceful, innovative, enterprising, and capable citizens.

### **Implementation**

#### **Early Years Foundation Stage**

In Early Years DT allows children to make sense of and gain knowledge and understanding of the world in which they live. Design allows children to think and use their imaginations - making and changing things for themselves. Technology allows them to put ideas together and make something for a purpose learning along the way the different possibilities or limits of their ideas.

#### **KS1 and KS2**

Through a variety of creative and practical activities, children should be taught the knowledge, understanding, and skills needed. When designing and making, pupils should be taught to:

#### Design

- Design purposeful, functional, appealing products for themselves and other users based on design criteria.
- Generate, develop, model, and communicate their ideas through talking, drawing, templates, mock-ups, and, where appropriate, information and communication technology.

#### Make

- Select from and use a range of tools and equipment to perform practical tasks.
- Select from and use a wide range of materials and components, including construction materials, textiles, and ingredients, according to their characteristics.

#### Evaluate

- Explore and evaluate a range of existing products.
- Evaluate their ideas and products against design criteria.

#### Technical knowledge

- Build structures, exploring how they can be made stronger, stiffer, and more stable.
- Explore and use mechanisms in their products.

#### Cooking and nutrition

- Use the basic principles of a healthy and varied diet to prepare dishes.

- Understand where food comes from.

**Impact**

Children will have developed the creative, technical, and practical expertise needed to perform everyday tasks confidently and to participate successfully in an increasingly technological world. They will be able to critique, evaluate and test their ideas and the work of others.

[See DT curriculum map](#)    [See DT policy](#)