

## Design and Technology

### **Intent**

At St Wilfrid's RC Primary we aim to provide all children with a broad and balanced curriculum which prepares them for life beyond primary education. We encourage children to use their creativity and imagination, to design and make products within a variety of contexts, considering their own and others' needs, wants and values.

Design and Technology is an inspiring, rigorous and practical subject. It can be found in many of the objects children use each day and is a part of children's immediate experiences.

Design and Technology encourages children to learn to think and intervene creatively to solve problems both as individuals and as members of a team.

At St Wilfrid's the Design and Technology can improve problem solving, practical capability and evaluation skills.

Wherever possible we aim to link work to other subject areas such as mathematics, science, computing and art.

### **Aims**

At St Wilfrid's the curriculum for Design and Technology aims to ensure that all pupils:

- develop the creative, technical and practical expertise needed to perform everyday tasks confidently and to participate successfully in an increasingly technological world
- build on and apply their knowledge, understanding and skills in order to design and make prototypes and products for a wide range of users
- review, evaluate and test their ideas and products and the work of others
- understand and apply the principles of nutrition and learn how to cook.

### **EYFS**

The children will be provided with first hand experiences, encouraging them to explore, observe, solve problems, think critically, make decisions and talk about why they have made their decisions.

*Links to EYFS Curriculum - Physical development*

- *Understanding of the World*
- *Expressive arts and design.*

### **Implementation:**

As part of the planning process, teachers need to plan the following:

- An overview of knowledge (including vocabulary) all children must master;
- A cycle of lessons for each subject, which carefully plans for progression;
- Where applicable trips and visiting experts who will enhance the learning experience;
- A means to display and celebrate the pupils' DT work in their class or around school.

**Impact:**

Our Design and Technology curriculum is well thought out and is planned to demonstrate progression.

We measure the impact of our curriculum through the following methods:

- A reflection on standards achieved against the planned outcomes;
- Pupil discussions about their learning; which includes discussion of their thoughts, ideas, processing and evaluations of work.