



West Byfleet Infant School  
We Belong, Inspire, Succeed

## Design Technology Policy



Our school vision is 'We Belong, Inspire, Succeed'. This reminds us daily that children need to feel safe and secure within the school community, have opportunities to inspire their interests and an enthusiasm for learning, as well as achieving success at all levels.

At West Byfleet Infant School we recognise that Design Technology is inspiring and practical. It draws on skills and disciplines such as mathematics, science, engineering, computing and art. When engaged in the subject, pupils learn how to take risks and become resourceful and innovative, giving them the opportunity to succeed and contribute to a creative culture.

|                                 |                 |
|---------------------------------|-----------------|
| Member of staff responsible     | Katherine Terry |
| Date Policy Produced            | Spring 2022     |
| Policy agreed/last reviewed     | Autumn 2025     |
| Next review date                | Autumn 2026     |
| Other Related Policies          |                 |
| Is it a Statutory Policy?       | No              |
| Does it need Governor approval? | No              |

### **Our Curriculum:**

Our curriculum follows the National Curriculum expectations and we use the Cornerstones projects to enhance and support our planning, sequencing and resourcing. Teachers use the WBIS progression of knowledge and skills to ensure the teaching of Design and Technology is progressive across year groups and builds upon prior learning. As Reception is part of the Early Years Foundation Stage, we relate the DT learning to the objectives set out from Development Matters under Expressive Arts and Design. The DT Subject Leader, monitors planning & teaching through the year, to ensure continuity, progression and high standards throughout the school.

### **Aims**

1. To develop confidence in researching, designing, making and evaluating for a practical purpose.
2. To become familiar with tools and learn how to they use them safely.
3. To be able to talk about materials and their properties.
4. To develop an awareness of how they can be more eco-friendly in the products that they design and develop an awareness of the environment.
5. To develop an understanding of the importance of a healthy, balanced diet and learn how to cook.

### **At West Byfleet Infant School we aim to ensure that our children can...**

- Use the skills they have learned from DT to solve real life design problems
- Evaluate their work and suggest improvements
- Develop their ideas through researching existing products.
- Experience a whole design process from first ideas to evaluation of a finished product.
- Make products using a range of tools and materials.
- Evaluate existing products as well as their own final products and build their technical vocabulary.
- Use a range of materials to design and make products in a range of creative ways.

### **Teaching and Learning**

At West Byfleet we believe in making DT a challenging experience embedded in problem solving. Children solve practical problems linked to the unit of work. Children will experience a whole design process from first ideas to evaluation of a finished product. They will design new products by creating their own sketches as aides. They will make a product using a range of tools and materials. Children will evaluate existing products as well as their own final products and build their technical vocabulary. Children will use a range of materials to design and make products in a range of creative ways. Children will be explicitly taught subject specific vocabulary each lesson to ensure that they 'know more and remember more'. Every year group will complete projects focusing on either mechanisms, structures, textiles or cooking. In the EYFS team, there is ongoing provision for children to access both inside and outside the classroom. Enhanced provision, objective led learning and questioning will also take place where applicable.

### **Resources:**

DT resources can be found in a central school location. Resources for specific projects will be ordered on a termly basis to ensure that the correct equipment is provided and to limit waste.

### **Recording:**

In Year 1 design planning and evaluations can be found in children's floor books. Tapestry may also be used in Reception and Year 1 to record children's learning. In Year 2, children's work will be presented in floor books and in children's individual DT books. Teachers should follow the marking policy and challenges should be given in accordance with DT learning.

### **Assessment:**

Assessments are made in line with the school assessment policy. Children demonstrate their ability in DT in a variety of different ways. Teachers will assess children's learning in DT by making informal judgements as they observe them during practical lessons or during written work. This should be collated when recording learning. At the end of each unit children will complete a final project which will also help to inform teacher judgements and future planning.