



# Design Technology Policy 2024

*Through Christ we believe, inspire, achieve.*

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Last Updated: 8th July 2024  
Agreed by Governors: July 2024  
Next Updated: July 2025

# Contents

- 1. Curriculum Intent*
  - 2. Design Technology and the National Curriculum*
  - 3. Pupil Experiences*
  - 4. Rationale*
  - 5. Equal Opportunities*
  - 6. Monitoring arrangements*
  - 7. Cross Curricular Links*
  - 8. Resources*
  - 9. Health and Safety*
  - 10. Monitoring of the Design and Technology Policy*
  - 11. Evaluation of Policy*
- 

## 1. Curriculum Intent

In Design Technology, our curriculum allows children to develop their creative, technical and practical skills to complete everyday tasks with confidence. In this subject, we equip children to use their imagination and combine it with knowledge and skill so they can invent products and prototypes that solve real-life problems. Children will learn principles of good nutrition so they know how to cook healthily and prepare food to promote their own well-being and health.

Our curriculum allows children to develop their creative, technical and practical skills to complete everyday tasks with confidence. In this subject, we make cross-curricular links, particularly between maths, science, art and computing which helps to consolidate and apply their knowledge to solve real-life problems with new solutions.

## 2. Design Technology and the National Curriculum

At English Martyrs we use the CUSP Design Technology scheme of work to ensure the progression of skills and the effective teaching of Design and Technology as outlined in the National Curriculum. Units of lessons are sequential, allowing students to build their skills and knowledge, year after year. Key parts of the National Curriculum are also woven throughout the units. Key skills are revisited again and again with increasing complexity in a spiral curriculum model. This allows pupils to revise and build upon their previous learning. The four strands that run throughout the scheme are:

- Design
- Make
- Evaluate
- Apply

The CUSP learning model covers blocks of learning that include:

- Mechanisms
- Structures
- Food and Nutrition
- Understanding Materials
- Systems
- Electrical Systems

The progression of skills and knowledge is cyclical to increase children's depth of learning through sequential learning.

### **3. Pupil Experiences**

There will be equal access for all pupils in Design and Technology education to guard against all types of discrimination.

### **4. Rationale**

Equal opportunities to study Design and Technology effectively will be given to all pupils. Staff will teach meaningful everyday contexts, so children can relate DT to their everyday experiences. Every opportunity will be taken to introduce new vocabulary - lessons will begin with the introduction or review of vocabulary which will then be used throughout the lesson. Vocabulary will also be included on each project booklet.

### **5. Equal Opportunities**

Inclusion is at the centre of everything we do at English Martyrs. We recognise the varying needs of all our learners, and so differentiate activities where necessary and as appropriate, and ensure an appropriate level of challenge is carefully planned for during each Design and Technology lesson.

Equal opportunities will be given to all children in respect of:

- Race
- Gender
- Culture
- Special Educational Needs

### **6. Monitoring arrangements**

Assessment of Design and Technology at both KS1 and KS2 will be based on teachers' judgments from discussion with pupils, observation during projects, recorded work in projects and evaluation of their finished product for each term. Clear year group objectives are on the Design and Technology spreadsheet. Annual reports for parents will include a statement for Design and Technology included along with other foundation subjects.

### **7. Cross Curricular Links**

In this subject, we make cross-curricular links, particularly between maths, science, art and computing which helps to consolidate and apply their knowledge to solve real-life problems with new solutions.

## **8. Resources**

A resource audit will be carried out at the start of the end of the school year to ensure all resources are available for lessons.

## **9. Health and Safety**

Children will be shown how to use all equipment safely and monitored whilst using any equipment that poses a risk to themselves.

Staff will refer to current Health and Safety practices, safety regulations and safeguarding requirements.

## **10. Monitoring of the Design and Technology Policy**

The Design and Technology policy will be monitored as an ongoing document, in collaboration with the Head teacher and the senior leadership team.

## **11. Evaluation of Policy**

The policy will be evaluated against certain criteria; insets undertaken by staff members, staff viewpoints and discussions carried out by the co-ordinators and the Headteacher.