



# Christ The King Federation

nos iter simul

St Joseph's Catholic Primary School

Headteacher Miss T. North

St Francis RC Primary School

Acting Headteacher Mrs C. Peear

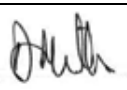


## DESIGN & TECHNOLOGY POLICY

### FEDERATION MISSION STATEMENT

*Christ The King Federation is a community called by God to work collaboratively for the common good; providing an environment that nurtures and inspires pupils to realise their potential, as we journey together.*

This federation is committed to safeguarding and promoting the welfare of children and young people and expects all staff and volunteers to share in this commitment

Document Detail	
Category:	Curriculum
Authorised By:	Curriculum & Pupil Related
Chair of Governors Signature:	

Issue:	
This policy was formally adopted by the Full Governing Body on:	Spring 2023
Review Date:	Spring 2026

<b>Contents</b>	<b>Page</b>
Aims	3
Objectives	3
Spiritual, moral, social and cultural development	4
Recording	5
Resources	5
Monitoring and review	6

This policy outlines the teaching and learning of design and technology. All children will have the opportunity to undertake design and technology throughout their time at St Francis and St Joseph's Schools.

Aims: Design and technology is a practical subject.

- We aim to prepare pupils to participate in tomorrow's rapidly changing technologies.
- To provide opportunities for all the children to design and make quality products.
- To provide children with the opportunity to explore food and cooking techniques along with healthy eating and environmental issues within food production.

To develop design and making skills, knowledge and understanding to the best of each child's ability; using and selecting a range of tool, materials and components.

- To become creative problem solvers as individuals and members of a team.
- To be able to use computing in conjunction with the Designing and Making process.
- To develop an ability to criticise constructively and evaluate their own products and those of others.
- To help the children develop an understanding of the ways people in the past and present have used design to meet their needs. To reflect on and evaluate such techniques, its uses and effects.
- To prepare the children for living in a multi-cultural society by teaching consideration for other culture which will be both important and beneficial.

Objectives:

To achieve our aims we ensure that the planned activities our children undertake are challenging, motivating, relevant and enjoyable. We give children confidence in their work by providing continual support and encouragement. The children are extended in their work in a way which develops their expertise. The children are provided with the very best resources possible, while constantly reviewing this provision in the light of curriculum changes, development and budget constraints.

We use a skills based cross-curricular approach to teaching and learning using objectives taken from the National Curriculum. We teach DT skills discretely and

through our Curriculum themes, ensuring all children access all areas of the Design Technology Curriculum.

In Early Years Foundation Stage, Design and Technology is an integral part of topic work, relating aspects of the children's work to the objectives set out in the Early Learning Goals, with a focus on Physical Development and Expressive Arts and Design.

To facilitate our objectives different teaching styles and methods are used as appropriate. These include small group and individual work.

Personal, social and health education (PSHE) and citizenship Design and technology contributes to the teaching of personal, social and health education and citizenship. We encourage the children to develop a sense of responsibility in following safe procedures when making things. They also learn about health and healthy diets. Their work encourages them to be responsible and to set targets to meet deadlines, and they also learn through their understanding of personal hygiene, how to prevent disease from spreading when working with food.

### Spiritual, moral, social and cultural development

The teaching of design and technology offers opportunities to support the social development of our children through the way we expect them to work with each other in lessons. Our groupings allow children to work together, and give them the chance to discuss their ideas and feelings about their own work and the work of others. Through their collaborative and co-operative work across a range of activities and experiences in design and technology, the children develop respect for the abilities of other children and a better understanding of themselves. They also develop a respect for the environment, for their own health and safety and for that of others. They develop their cultural awareness and understanding, and they learn to appreciate the value of differences and similarities. A variety of experiences teaches them to appreciate that all people are equally important, and that the needs of individuals are not the same as the needs of groups.

**Assessment** Assessing a child's performance is a continuous process carried out over the full seven years of Primary school and our assessing methods include the following as appropriate:-

1. Looking at a child's recorded work i.e. model, photographs, written work.
2. Individual discussion.
3. Listening to the children's ideas as they discuss between themselves.
4. Group discussions in both planning and reporting back sessions.
5. Observing the children's skills in Design and Technology.
6. Record the progress that children make by assessing the children's work against the learning objectives for their lessons. At the end of a unit of work, teachers make a judgement against the Key Learning Skills and this is recorded using the agreed Federation criteria.

### Recording

It is essential that the type of recording be matched to the type of Design and Technology activity as well as to the needs and abilities of the child. A variety of recording methods are therefore used. These include pictures, structured worksheets, sketches, diagrams, flow charts, model making, written explanations, photographs, school displays and digital recording. Teaching staff have access to online training in food hygiene to facilitate the teaching of Food Technology.

### Resources

The Federation has a range of resources to support the teaching of design and technology across the Key Stages. The role of the school Subject Leader is to coordinate the resources so that the requirements of Teaching and Learning can be met. The storage and accessibility of these resources must be managed in each school setting.

**Safety in Design and Technology** The safety of the children is the responsibility of the class teacher. The children are made aware of the safe use and correct procedure involved when using tools and equipment in a learning environment and

how to follow proper procedures for food safety and hygiene. The children are made aware of the need to be careful and to understand that their actions can affect others.

The Federation are now members of the Design and Technology Association which provides online CPD for staff, guided programmes for teaching and learning and high quality visual resources for pupils.

### Monitoring and review

The monitoring of the standards of children's work and of the quality of teaching in Design and Technology is the responsibility of the Design and Technology Federation Subject Leaders. The work of the Subject Leaders also involves supporting colleagues in the teaching of Design and Technology, being informed about current developments in the subject, and providing a strategic lead and direction for the subject in the school.