



St. Edmund's Catholic Primary School

'Together we learn and grow through worship and celebration'

Design & Technology Policy

Committee responsible for policy	Curriculum and Achievement
Coordinator	Susannah McGill
Statutory/Non-statutory	Non STATUTORY
Frequency of Review	Free to determine – every 3 years or earlier if required
Date of last review Approved by Staff/ SLT/Committee/FGB	January 2023
Date of next review	January 2026
Purpose of policy	To outline the requirements of the curriculum subject
Consultation	Staff
Links to other policies	All other subject policies Curriculum, Marking, Planning

This policy reflects the school's values and philosophy in relation to the teaching and learning of Design and Technology. It sets out a framework within which staff can operate and gives guidance on planning, teaching and assessment. Design and Technology is a foundation subject within the National Curriculum.

Design and Technology aims to provide pupils with a variety of creative and practical activities which will allow them to develop the knowledge, understanding and skills needed to engage in the process of designing and making.

Aims:

In Design and Technology, in line with the National Curriculum, it is our aim 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 and apply a repertoire of knowledge, understanding and skills in order to design and make high-quality prototypes and products for a wide range of users;

- critique, evaluate and test their ideas and products and the work of others;
- understand and apply the principles of nutrition and learn how to cook;
- gain a knowledge and understanding of materials, components, controls and structures;
- use focussed practical tasks to develop skills, techniques and knowledge, particularly those related to tools and materials;
- have the opportunity to investigate, disassemble and evaluate a range of simple products which are found in everyday life;
- experience a sense of achievement having worked through the design process that cumulates in a finished model.

Equal Opportunities

All children have equal access to the Design and Technology curriculum and resources, regardless of gender, race, ethnicity, religion or ability. Displays and references to Design and Technology in society show positive role models of gender, race, ethnicity and abilities.

Resources

The safe storage of material and equipment, particularly tools, is very important. Resources are stored in the resource cupboard, including boxes with materials such as wood, cams, fabric etc. also located in the Art room. There is a kitchen in the Y5 corridor that is equipped with basic cooking equipment.

Planning

All class teachers are responsible for the teaching of Design and Technology. Topics are taught through a variety of methods: practical and investigative work, exploration, demonstration and research. Teachers need to use their flair, enthusiasm, professional knowledge & judgement, to identify the most suitable, enjoyable & safe methods appropriate for the work being conducted. The National Curriculum guides teachers to the four main areas of Design and Technology: Design, Make, Evaluate and Technical Knowledge, to be covered in each key stage.

Planning is arranged into long-term annual i.e. Curriculum Framework and medium-term plans. Planning is used to:

- Set clear, learning objectives and achievable goals
- Ensure work is matched to pupils' abilities, experience and interests.
- Ensure continuity, progression and subject coverage throughout the school.
- Evaluate & assess pupil progress.
- Inform future planning & provide criteria for the evaluation of teaching and learning

Planning is the responsibility of teachers and the coordinator. Plans are available to the head teacher, curriculum coordinators and other teachers. Design and Technology teaching provides cross-curricular links with other areas of the curriculum.

Assessment

At St Edmund's assessment & record keeping is an integral part of our teaching & learning policy. Records of pupils' achievements are kept to plan pupils' future learning, inform and report progress to parents, and maintain a written record of pupils' learning.

In all classes, teachers use their professional judgement and information from children's ongoing work to decide whether they are 'working towards', 'at' or 'exceeding' national expectations in the subject area.

Health and Safety

The teacher is responsible for the health and safety of themselves, classroom assistants, visitors and pupils within their class.

Pupils should be taught and encouraged to:

1. Collect and return tools and equipment safely
2. Follow clear instructions
3. Only move around the classroom when necessary
4. Wear safety equipment whenever necessary

Monitoring and Evaluation

The purpose of monitoring and evaluation activities is to raise the overall quality of teaching and levels of pupil attainment.

The Design Technology coordinator checks planning and children's work on a regular basis. The Senior Management Team oversee the work of the coordinator and may carry out monitoring activities in line with the school's policy for monitoring.

Design Technology is also monitored by the Governing Body through the work of the Curriculum and Achievement Committee.