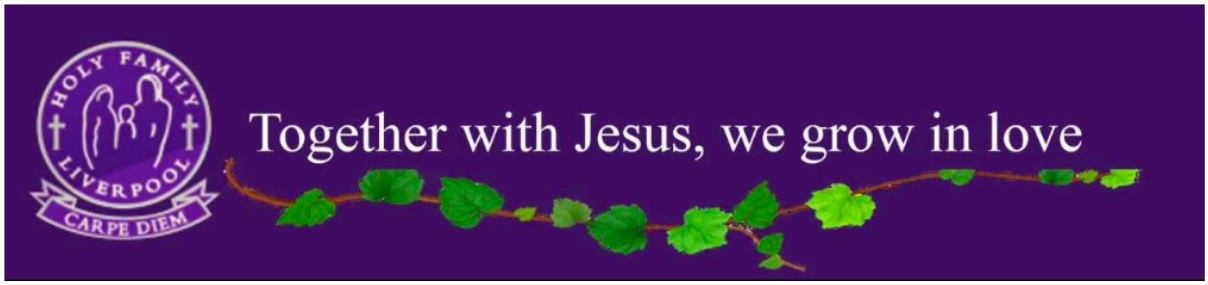

Holy Family Catholic Primary School

Design & Technology Policy

Last reviewed: September 2025
Review date: September 2026

Statement of Intent

At our school, we believe Design and Technology is an essential subject that prepares pupils for life in an increasingly technological world. It encourages creativity, problem-solving and innovation while enabling pupils to design and make products that have purpose and relevance.

Our Design and Technology curriculum is designed to:

- develop creative, practical and technical skills
- enable pupils to design and make products for a range of users
- build knowledge of materials, structures, mechanisms and systems
- promote healthy lifestyles through cooking and nutrition
- encourage evaluation, reflection and improvement

The curriculum meets the requirements of the National Curriculum and is sequenced to ensure progression in knowledge, vocabulary and skills.

Aims

The aims of teaching Design and Technology are to:

- develop the **design, make, evaluate process**
- build practical skills using tools, materials and equipment
- understand how products are developed and improved
- apply knowledge to solve real-world problems
- develop resilience, creativity and independence
- understand nutrition and healthy eating

Curriculum Organisation

Structure

Design and Technology is taught across EYFS, KS1 and KS2 through units focusing on:

- Structures
- Mechanisms
- Textiles
- Electrical systems
- Cooking and nutrition

Sequencing and Progression

The curriculum ensures:

- knowledge builds progressively across year groups
- skills develop from basic to advanced
- vocabulary is explicitly taught and revisited
- increasing independence in designing and making

Pupils progress from:

- simple models and ideas (EYFS)
  to
- complex functional products (Year 6)

Teaching and Learning

Design and Technology is taught through:

- practical, hands-on learning
- problem-solving activities
- teacher modelling and guidance
- independent and collaborative work

Lessons follow the **design, make, evaluate cycle**, ensuring learning is purposeful and iterative.

Technical and Practical Skills

Pupils are taught to:

- select and use tools safely
- work with a wide range of materials
- understand structures and mechanisms
- use electrical systems
- apply computing in design (e.g. CAD)

Cooking and Nutrition

Pupils learn to:

- prepare and cook a variety of dishes
- understand where food comes from
- apply principles of a healthy diet
- develop safe and hygienic practices

Vocabulary Development

Key vocabulary is:

- explicitly taught
- revisited regularly
- applied in discussion and evaluation

Assessment

Assessment is ongoing and based on:

- pupil discussions
- practical outcomes
- design processes
- evaluation skills

Progress is measured through:

- knowledge and understanding
- use of vocabulary
- application of skills

Enrichment and Cultural Capital

The curriculum is enhanced through:

- real-life design contexts
- problem-solving opportunities
- links to sustainability and industry

Monitoring and Evaluation

The subject leader is responsible for:

- monitoring teaching and learning
- reviewing pupil work
- gathering pupil voice
- ensuring progression and coverage

This is carried out through:

- book looks
- lesson visits
- planning scrutiny
- staff discussions

Equal Opportunities and Inclusion

We ensure that all pupils:

- have access to a broad and balanced curriculum
- are supported to achieve their full potential

Teaching is adapted through:

- scaffolding
- visual aids
- targeted support

Review

This policy will be reviewed annually by the subject leader to ensure it reflects current practice and National Curriculum guidance.