



DT – Intent, Implementation and Impact

"For we are God's handiwork, created in Christ Jesus to do good works."

Ephesians 2:10

Intent

At St Mark's Catholic Primary School, Design and Technology is an inspiring, practical subject that enables pupils to use creativity and imagination to solve real-world problems. Rooted in our Gospel values, we encourage children to be responsible stewards of God's creation by designing and making products with purpose, care and consideration for others and the environment.

Through DT, pupils develop the knowledge, understanding and skills needed to design, make, evaluate and improve products. We aim to foster resilience, innovation, collaboration and confidence, enabling children to become resourceful and reflective learners who can contribute positively to society.

Implementation

DT is taught through a progressive curriculum that builds knowledge and skills across the key areas of:

- Design
- Make
- Evaluate
- Technical knowledge
- Cooking and nutrition

Learning is organised through engaging projects that provide meaningful contexts and opportunities for problem-solving. Children investigate existing products, develop design criteria, communicate ideas through sketches and models, select appropriate materials and tools, and evaluate their work against intended outcomes.

Cross-curricular links are made where appropriate, particularly with science, mathematics, computing and art. Pupils are encouraged to work collaboratively, reflect on their learning and apply Catholic Social Teaching principles such as stewardship, dignity and the common good when considering the impact of their designs.

Impact

By the time pupils leave our school, they will:

- Be confident, creative and independent designers and makers.
- Demonstrate a secure understanding of the design process.
- Apply technical knowledge and practical skills effectively.
- Evaluate products critically and suggest improvements.
- Show resilience when overcoming challenges and refining ideas.
- Understand the importance of designing responsibly and sustainably.
- Recognise how design and technology contribute to everyday life and future opportunities.

Children will leave with a sense of achievement, curiosity and responsibility, equipped with the skills and values needed to make a positive contribution to their communities and the wider world.