



Design & Technology Vision Statement

Intent

At Cotgrave Church of England Primary School, we believe that Design & Technology is an inspiring, practical subject that prepares children for a rapidly changing world. Using creativity and imagination, pupils design and make products, applying knowledge and skills from a range of disciplines, including reading, mathematics, science, computing, and art.

In line with our school's vision, we encourage children to explore, take risks, and embrace challenges with confidence. Through these experiences, they build resilience and learn to reflect on and evaluate past and present technology, understanding its impact on the world.

Our curriculum promotes sustainability, creativity, and problem-solving, helping children flourish in their learning and know their value in God's world.

Implementation

Our Design & Technology curriculum is delivered through hands-on, engaging projects that allow children to develop essential skills while encouraging independence and collaboration. It includes:

- A clear progression of skills across all areas of DT: textiles, mechanisms, structures, food, and electrical systems.
- Opportunities to design, make, and evaluate products while incorporating technical knowledge and understanding.
- An emphasis on health, safety, and responsible use of resources.
- Learning about key designers, chefs, and engineers to inspire children and broaden their horizons.
- Strong links with local community projects and external experts to enrich learning experiences.

In Early Years, children explore a variety of materials and develop skills in using tools safely and creatively. As they move through school, they build on these foundations, gaining confidence and refining their skills.

Impact

By the end of their time at Cotgrave, our children will have developed into creative problem-solvers who are confident in designing, making, and evaluating their work. They will be equipped with the skills to think critically and adapt to new challenges. Our curriculum promotes curiosity, resilience, and collaboration, enabling children to flourish as reflective, responsible citizens who live 'life in all its fullness.'