Design & Technology

Intent

At Beverley St Nicholas CP School, our goal is to provide a Design and Technology curriculum that is engaging, inspiring, and challenging for all pupils. We follow a progressive and inclusive approach that encourages creativity and problem-solving. Children are given opportunities to think imaginatively and apply design skills to purposeful projects with clear, tangible outcomes. Through a wide range of practical and creative activities, pupils develop the knowledge, understanding, and technical skills needed to design and make effectively.

Our curriculum is carefully planned to meet statutory requirements and ensure that each year group covers specific areas of Design and Technology. These units build on prior learning, deepening pupils' understanding of concepts and technical skills as they progress through the school. At Beverley St Nicholas CP School, we are committed to delivering a curriculum that is stimulating, intellectually challenging, and equips pupils with the confidence and creativity to succeed.

Implementation

At Beverley St Nicholas CP School, Design and Technology is taught through a carefully structured and planned to follow the sequence of: exploring sources, developing skills, **designing and making and finally evaluating** cycle. Each unit is structured to build on previous learning, ensuring clear progression in both knowledge and practical skills. Pupils take part in a range of creative and hands-on projects, which include:

- **Structures and mechanisms** (such as bridges and moving models)
- **Textiles** (introducing simple sewing and fabric-based design)
- **Food technology** (developing cooking skills and understanding healthy eating)

Our curriculum is enriched through meaningful links with other subjects, including science, mathematics, and art, helping pupils to apply their learning in real-life contexts. Practical experiences are at the heart of our approach, with children given opportunities to work with a variety of tools and materials safely and confidently.

Impact

The impact of our curriculum is measured through:

- Pupil voice and engagement.
- Quality of finished products and design portfolios.
- Teacher assessments and evidence of progression.
- Pupils' ability to apply skills confidently and creatively.

Through our Design and Technology curriculum at Beverley St Nicholas CP School, we aim for pupils to:

- Develop the creative, technical, and practical skills needed to carry out everyday tasks confidently and thrive in an increasingly technological world.
- Gain the knowledge and techniques required to design and produce high-quality prototypes and finished products.
- Become effective problem-solvers, working both independently and collaboratively as part of a team.
- Reflect on and evaluate design and technology from the past and present, understanding its purpose and impact on society.
- Critique, test, and improve their own ideas and products, as well as provide constructive feedback on the work of others.
- Understand and apply principles of nutrition and develop practical cooking skills.
- Enjoy and take pride in the process of designing and making, including preparing and tasting food.
- Acquire transferable skills and attributes that will support them beyond primary school and into adult life.