



Design and Technology

Intent

Our intent is to develop and enhance pupils understanding of the product design cycle and the importance of design and technology in everyday life, while encouraging creativity and innovation. We will support children in building the confidence to take risks during the process of researching, designing, making, and evaluating.

For design and technology, we aim to ensure that all pupils:

- develop the creative, technical and practical expertise needed to perform everyday tasks confidently.
- 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.

Implementation

In design and technology, children follow a structured process of designing, making and evaluating. They will design with real life contexts using a range of methods such as drawings, templates and discussions.

During the making pupils will develop practical skills including measuring, cutting, joining, and finishing. Children will then learn to evaluate, reflecting on what worked well, challenges faced and how they can improve their designs. Throughout, children are taught to work safely and develop an understanding of health and safety requirements.



*Excellence through
Opportunity*

Impact

The impact of design technology will be evidenced through the use of:

Pupil Voice

Through discussions and feedback, pupils will speak positively about their DT lessons. Across the school, they can confidently explain the value of designing and make with a clear purpose and user in mind.

Evidence of Knowledge

Pupils understand the importance of developing creative skills and can explain why these are essential. They are able to select appropriate techniques and discuss the advantages and disadvantages of different design approaches.

Evidence of Skills

Pupils confidently use subject-specific vocabulary during lessons. They are taught how to apply a range of skills and are given regular opportunities to practise these when creating different products. Progression in techniques and skills is clearly demonstrated in their design books.

Breadth and Depth

Pupils are given a wide range of opportunities to apply their design skills and knowledge through engaging and creative lessons. The curriculum supports them in building on prior learning while continually developing and extending their abilities.