



Design and Technology

Curriculum Design

Our Design and Technology curriculum is designed to give every pupil the time and focus needed to take a project from its initial idea through to completion. We recognise that the rapidly evolving world of Science, Technology, Engineering and Maths (STEM) can feel unfamiliar to young learners, and we value the role we play in nurturing their curiosity and interest in these fields.

Each term, we hold a dedicated Design and Technology Fortnight, during which pupils work on one of three key areas: Food, Mechanisms or Structures. These units are carefully mapped to ensure clear progression—starting with simple skills and knowledge in the Early Years, building to more advanced concepts in Key Stage 1, and developing into sophisticated understanding and techniques in Key Stage 2.

Pupils can immerse themselves in hands-on learning within our dedicated Food Technology space and make full use of our Art Room, where they can explore, experiment and get creative. Alongside the design and practical elements of the subject, pupils learn key subject-specific vocabulary to deepen their understanding. We also offer after-school enrichment opportunities and educational visits to broaden pupils' awareness of the wider world of Design and Technology.



Curriculum Intent

Our intent for the Design and Technology curriculum is to nurture pupils' creativity, **ambition**, and problem-solving skills, empowering them to become confident designers and makers. We aim to foster a strong sense of **achievement** by encouraging children to take pride in their work, while developing the resilience and determination to continually challenge themselves and improve. Through hands-on experiences, pupils will learn to design, create, and evaluate products. We inspire children to be ambitious in their thinking—embracing innovation, experimenting with materials, and refining their designs with confidence and care. **Collaboration** plays a vital role in Design and Technology. Pupils will work together to share ideas, learn from one another, and develop an appreciation for diverse approaches and perspectives.

