

DESIGN TECHNOLOGY

INTENT, IMPLEMENTATION AND IMPACT

Intent

Our Design and Technology curriculum fosters creativity, problem-solving and practical thinking, inspiring pupils to think like designers, engineers and makers. Through the Kapow scheme, pupils develop the confidence to explore ideas, take risks, and understand the purpose and impact of design in everyday life. The curriculum is inclusive and ambitious, enabling all pupils to design, make and evaluate products that are meaningful, functional and relevant.

Implementation

We follow the Kapow Design and Technology scheme, which provides clear progression of skills and knowledge across key areas including structures, mechanisms, textiles, food technology and digital design. Lessons are hands-on, engaging and supported by high-quality teaching resources. Pupils learn through practical tasks, focused projects and cross-curricular links, with opportunities to reflect, evaluate and improve their work. Adaptations are made to ensure accessibility for all learners, including those with SEND.

Impact

Pupils become confident, resourceful and reflective designers. They demonstrate increasing technical competence, creativity and understanding of how design affects the world around them. By the end of primary school, pupils are equipped with the skills, knowledge and enthusiasm to continue exploring design and technology with curiosity, independence and purpose.