Heron Cross Primary School – Design and Technology

Intent:

At Heron Cross, we believe that Design and Technology is an inspiring, rigorous, and practical subject that equips pupils with essential skills for the real world. Our intent is to provide a high-quality Design and Technology curriculum that fosters creativity, problem-solving, and innovation while establishing clear connections to science, mathematics, computing, art, and topic work. By embedding these cross-curricular links, we ensure pupils develop a holistic understanding of the subject's relevance and application. Through immersive, hands-on experiences, our pupils will explore the design and making process, from analysing existing products to creating and evaluating their own, fostering a deep understanding of design's impact on daily life and the wider world.

We aim to:

• Ensure a well-planned progression of skills and knowledge, offering a structured and comprehensive Design and Technology education that builds confidence and competence at each stage. By experiencing the full design process, from conception to evaluation, pupils will gain a deep understanding of the importance of quality, functionality, and aesthetics in their work.

• Provide opportunities for pupils to engage in real-world design challenges, encouraging them to think creatively and critically about both historical and existing design and technology. By analysing past and present products, pupils will develop a deeper understanding of how design influences everyday life and broader global challenges.

• Develop key skills in problem-solving and teamwork by encouraging pupils to collaborate on design projects, fostering both individual creativity and collective innovation. Pupils will learn to approach design problems from multiple perspectives, intervening creatively to propose solutions.