



Intent - we aim to...

Design Purposefully and Creatively

To provide opportunities for pupils to design purposeful, functional, and appealing products for themselves and others, using imagination and creativity to solve real-life problems.

Develop Practical Skills and Technical Knowledge

To enable pupils to gain confidence in using a range of tools, equipment, and materials safely and accurately to make quality products.

Understand How Things Work

To allow pupils to explore and understand how everyday products work, developing an awareness of mechanisms, structures, textiles, and basic electrical systems.

Evaluate and Improve Work

To ensure pupils learn to test, evaluate, and refine their ideas and products against design criteria, developing resilience and a reflective mindset.

Provide opportunities for higher potential learners across the school.



Implementation - How do we achieve our aims?

Curriculum Design

Design the curriculum to allow pupils to engage in hands-on and meaningful design projects with real-life purposes. Teachers will guide pupils during the lessons to create design criteria supporting them to think critically about functionality and aesthetics.

Curriculum Progression

Ensure there is a progressive skill-building curriculum across year groups that is being implemented each year so pupils can use tools and equipment safely and with increasing independence. Step-by-step teaching of skills and safe tool use is key.

CPD

For all members of staff to be confident with delivering the progressive skill-building curriculum and that it is taught consistently each year so there are not gaps as pupils move into different year groups. Yearly staff meetings to reflect on the curriculum.



Implementation - How do we achieve our aims?



Lesson Sequence

Make sure lessons follow a plan, make, review sequence ensuring that evaluation is embedded at each stage so pupils can regularly reflex on their designs and finished products.

Cross-curricular

Where possible, make links to other subjects to continue to deepen pupils understanding.

Seesaw

Use of Seesaw to support pupils to document the design, make, understand and evaluate process.