



Curriculum intent: DT

Make
Technical Knowledge
Evaluate
Design
Cooking & Nutrition

Purpose of Study

D&T is an inspiring, rigorous and practical subject. Using creativity and imagination, pupils design and make products that solve real and relevant problems in a variety of contexts. They acquire a broad range of subject-knowledge and draw on other disciplines e.g. maths, computing, science and art. Pupils learn how to take risks, becoming resourceful, innovative and enterprising. Through the evaluation of design past and present, they understand the contribution that high-quality design and technology has on the creativity, culture, wealth and well-being of a nation.

Who is the Little Thurrock Designer?

The Little Thurrock Designer understands the iterative nature of the design process and uses this to research, design, communicate, make and evaluate a range of prototypes and products. They are resourceful, innovative and bold and can suggest ways to solve real and relevant problems. The Little Thurrock Designer has a wide repertoire of skills and can apply this understanding to a range of contexts e.g. mechanical systems, electrical systems and structures. They understand the principles of nutrition and can apply this to meal design.

Our Curriculum Rationale

- Purposeful, hands-on and engaging learning opportunities encourage understanding of the iterative process;
- Objectives across all strands revisited and embedded within and across year groups and key stages to ensure cumulative fluency;
- Meaningful links made across subject areas to promote cross-curricular thinking;
- Pupils' character development underpinned by transferable skills e.g. being resourceful, resilient and innovative.