

‘Design is not just what it looks like and feels like. design is how it works.’

- Steve Jobs

Rationale – Why do we teach DT?

Design and Technology is an inspiring and practical subject. Using creativity and imagination, children design and make products that solve real and relevant problems, considering their own and others’ needs, wants and values.

Through design and technology children will also learn how to take risks, becoming resourceful, innovative, enterprising and capable citizens. Through the evaluation of past and present products, children develop a critical understanding of the impact on daily life and the wider world these items can have. The Design and Technology curriculum makes an essential contribution to the creativity and culture of the children providing them with essential skills for the future.

What are the aims of the DT curriculum?

At Tittensor, we want to give our pupils the opportunity to develop skills, knowledge and understanding of designing and making functional products. We feel it is vital to nurture creativity and innovation through design, and by exploring the designed and made world in which we all live and work. We believe that design and technology should focus on stimulating the children’s imagination and experimental side while learning about the practical elements such as; knowledge and understanding of materials and components, mechanisms and control systems, structures, existing products, quality and health and safety. Design and technology is also a great way for children to work collaboratively, by doing so, this develop the skills and ideas of team work, communication, community and resolving conflict.

What do we expect within the teaching of DT?

At Tittensor, we expect that all teachers fully engage with the DT curriculum. We use the national curriculum to support the teaching and learning of DT and ensure that we tailor our DT curriculum so that it is meaningful for the children of Tittensor.

DT is taught at least once a week for a minimum of 45 minutes. Children are assessed at the end of each half-termly topic. All teachers ensure that DT is taught using the model of: Design, Plan, Make, Evaluate, so that the teaching and learning of DT is consistent across the school.

All data and assessment is recorded and stored on DCPro for monitoring and evidence purposes.

What is taught in DT at Tittensor?

Focus/Unit	Nur	Rec	Y1	Y2	Y3	Y4
Cooking and Nutrition	✓	✓	✓	✓	✓	✓
Mechanisms	✓	✓	✓	✓	✓	✓
Textiles			✓	✓	✓	✓
Use of Materials	✓	✓	✓	✓		
Construction	✓	✓	✓	✓		
Electrical and Mechanical Components					✓	✓
Stiff and Flexible Sheet Materials					✓	✓
Mouldable Materials					✓	✓