

Curriculum: Design Technology

EYFS					
TERM 1	TERM 2	TERM 3	TERM 4	TERM 5	TERM 6
Structures: Making Vehicles	Cooking: Christmas Biscuits Structures: Making a clay decoration.	Cooking: Healthy vegetable soup.	Structures: Making boats	Mechanisms: Making moving minibeast Cooking: Growing our own fruits/vegetables	Mechanisms: Making animals
↓					
YEAR 1					
TERM 1	TERM 2	TERM 3	TERM 4	TERM 5	TERM 6
	Cooking: Fruit Kebabs		Structures: Playgrounds		Mechanisms: Moving pictures
↓					
YEAR 2					
TERM 1	TERM 2	TERM 3	TERM 4	TERM 5	TERM 6
	Mechanisms: Fire Engines		Cooking: Oatmeal raisin cookies		Textiles: Hand puppets
↓					
YEAR 3					
TERM 1	TERM 2	TERM 3	TERM 4	TERM 5	TERM 6
	Cooking: Veggie Chilli		Structures: Photographic frames /stable structures		Mechanisms: Making a moving monster using a pneumatic system
↓					
YEAR 4					
TERM 1	TERM 2	TERM 3	TERM 4	TERM 5	TERM 6
	Cooking: Salmon and dill fishcakes		Electrical: Decorative light box		Textiles: Cushion covers
↓					
YEAR 5					
TERM 1	TERM 2	TERM 3	TERM 4	TERM 5	TERM 6
	Mechanism: Moving toy using cams		Cooking: Pizza		Structures: Building bridges
↓					
YEAR 6					
TERM 1	TERM 2	TERM 3	TERM 4	TERM 5	TERM 6
	Cooking: Posh jammy dodgers		Sewing: Phone case		Electrical: Design a two player maze game

Curriculum Vision: Design Technology

The aim of the D.T. curriculum at Sandgate Primary is to progressively build knowledge, such that all pupils are supported to know more and do more as they move through the school, on to secondary education and into later life. The curriculum is designed around both substantive and disciplinary concepts to ensure that all pupils successfully learn the discipline of D.T., along with the practical and theoretical knowledge that comprises the subject. The curriculum is supported by rigorous assessment approaches that accord all pupils the opportunity to demonstrate what they know and can do, whilst allowing gaps to be identified and addressed without impacting negatively on learning.

Substantive Threads: Design Technology

Each unit within the D.T. curriculum at Sandgate is designed to progressively develop the following practical and theoretical strands of substantive knowledge:

- **Design:** knowledge of different types of design and designing a product based on design criteria
- **Make:** knowing different tools, processes and equipment and developing competency with tools, processes and equipment
- **Evaluate:** explore and evaluate a range of existing products
- **Technical understanding:** techniques used in structures and mechanisms, building structures that are stable/strong etc.
- **Cooking and nutrition:** understand where food comes from and cook food as above.

Disciplinary Threads: Design Technology

Each unit within the D.T. curriculum at Sandgate, is designed to progressively develop children's knowledge of the discipline of Design Technology. Units have been organised around developing this in the following areas:

- **Insight:** learn how design and technology has value in the modern world. Able to engage in dialogue and debate, acquire cultural capital and be affected by DT.
- **Value:** Pupils appreciate that design and technology is of value.
- **Preference:** Pupils express clear preferences of designs and give some clear reasons for these choices.
- **Evaluation:** Pupils can give reasoned evaluations of their work and others, making links to intention and context.
- **Cooking and nutrition:** Understand the role of food and nutrition in human lifestyle and choices.