



D&T

# BEING A DESIGN TECHNOLOGIST

## Long Term Overview

	Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2
Year 1		Food – Preparing fruit and vegetables – making fruit cocktails				Sliders and levers - making a class story book
Year 2		Freestanding structures		Templates and joining		Wheels and Axles
Year 3		Food – Healthy and varied diet A healthy sandwich for packed lunch	Structures – Shell structures (including using computer aided design -CAD) Sandwich packaging for sales			Textiles – 2D shape to 3D product Egyptian Pouch
Year 4		Mechanical Systems – Levers and Linkages Christmas card		Mechanical Systems - Pneumatics A moving Iron Man		Electrical Systems – simple circuits and switches (including programming and control) A night light
Year 5		Mechanical Systems – Cams (Moving Toy)		Mechanical Systems – Pulleys & Gears (Carousel Ferris Wheel)		Textiles – Combing different fabric shapes/ Using computer aided design (CAD) (Felt Rainforest Creature)
Year 6		Structures – Frame structures <i>Anderson Shelters</i>	Food - celebrating culture and seasonality <i>Making bread</i>			Electrical systems- Monitoring and control (including more complex switches and circuits)

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*Steady hand game*