Unit Overview – 'The Big Picture'

Design Technology Curriculum

Year Overview (updated Dec 2025)

	AUT1	AUT2	SPR1	SPR2	SUM1	SUM2
EYFS	**Make a picture frame**	**Bake bread**	**Supertato - making Evil Pea traps**	**Make a basket for Little Red Riding Hood**	**Make a bridge for the Billy Goats Gruff**	**Make a healthy picnic for the beach**
Year 1	**Structures** Freestanding structures		**Mechanisms** Sliders and levers		**Food** Exploring, tasting and describing fruit	
Year 2	**Mechanisms** Wheels and axles		**Textiles** Joining fabrics		**Food** Healthy salads	
Year 3	**Structures** Shell structures		**Food** Sandwiches and wraps		**Mechanical systems** Pneumatic machines	
Year 4	**Mechanical Systems** Levers and linkages		**Textiles** 2D shapes to 3D product		**Electrical Systems** Simple circuits and switches	
Year 5	**Structures** Frame structures		**Food** Baking bread		**Mechanical systems** Pulleys and gears	
Year 6	**Mechanical Systems** Cams		**Textiles** Combining different fabric shapes		**Electrical Systems** More complex switches and circuits (including programming, monitoring and control)	

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Autumn :

To be able to…

EYFS		Key Stage One	
Autumn 1 Make a picture frame	**Autumn 2** Bake bread	Year 1 To design, make and evaluate a freestanding structure.	Year 2 To design, make and evaluate a moving vehicle with wheels and axles.
Key Stage 2			
Year 3 To design, make and evaluate a shell structure.	Year 4 To design, make and evaluate a mechanism with levers and linkages.	Year 5 To design, make and evaluate a frame structure.	Year 6 To design, make and evaluate a mechanism with cams.

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Spring :

To be able to…

EYFS		Key Stage One	
Autumn 1 Supertato - making Evil Pea traps	**Autumn 2** Make a basket for Little Red Riding Hood	Year 1 To design, make and evaluate a moving book with sliders and levers.	Year 2 To design, make and evaluate a hand puppet out of fabric.
Key Stage 2			
Year 3 To design, make and evaluate a healthy sandwich or wrap for a packed lunch.	Year 4 To design, make and evaluate a 3D textile container.	Year 5 To design, make and evaluate a bread product.	Year 6 To design, make and evaluate a 3D product with different textile shapes and fabrics.

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Summer :

To be able to…

EYFS		Key Stage One	
Autumn 1 Make a bridge for the Billy Goats Gruff	**Autumn 2** Make a healthy picnic for the beach	Year 1 To explore, taste and describe different fruit and vegetables.	Year 2 To design, make and evaluate a healthy salad.
Key Stage 2			
Year 3 To design, make and evaluate a pneumatically-powered moving machine.	Year 4 To design, make and evaluate a simple electrical circuit and a switch.	Year 5 To design, make and evaluate a moving toy with pulleys or gears.	Year 6 To design, make and evaluate more complex circuits (including programming and control).