



Design and Technology

Curriculum Overview 2026-2027

	Autumn	Spring	Summer
Keys Stage 1 (Year 1 and 2)	Mechanisms: Push and pull Children apply their skills to design and make moving greetings cards.	Freestanding structures: Beach Hut Students apply their knowledge to design, build, and decorate their own beach hut.	Cooking and nutrition: Remarkable Recipes Students use specific design criteria to choose, design, and prepare a new, healthy school meal or snack.
Lower Key Stage 2 (Year 3 and 4)	Cooking and nutrition: Fresh food, good food Students must prepare a healthy snack, then design, make, and evaluate packaging specifically designed to protect their snack.	Mechanisms: Tomb Builders Students apply their mechanical knowledge to design and construct a lifting or moving device prototype.	Textiles: Functional and fancy fabrics Students follow a specific design brief to plan, decorate, and make a high-quality embellished fabric sample suitable for a home furnishing product.
Upper Key stage 2 (Year 5 and 6)	Cooking and nutrition: Food for life Students follow a design brief to plan, prepare, and evaluate a healthy daily menu made entirely from unprocessed whole foods .	Structures and mechanisms: Engineer Pupils apply mathematical and physical principles to complete a design brief: building and testing a functional bridge prototype engineered to withstand weighted loads.	Textiles: Make do and mend Students follow a design brief to upcycle an old garment or piece of fabric , transforming it into a brand-new, practical textile item.