

The Kite Primary Federation Design and Technology Overview



Cycle 1 2025 / 2026					Cycle 2 2026 / 2027			
Year R	Year 1/2	Year 3/4	Year 5/6		Year R	Year 1/2	Year 3/4	Year 5/6
Junk Modelling	Mechanisms – make a fairground wheel	Full art term	Bridges	Autumn	Junk Modelling	Textiles – make a puppet	Textiles; Cross stitch and applique	Textiles: waist coats
Cooking and nutrition: soups structures: Boats	Textiles: Pouches	Mechanical systems; Pneumatic toys (Y3) Electrical systems; Torches (Y4)	Cooking and Nutrition – Developing a recipe	Spring	Cooking and Nutrition: Soups Structures: Boats	Mechanisms – wheels & axles - Design and build a toy which moves	Cooking; Adapting a recipe	Electrical systems; Doodlers
Textiles: Bookmarks	Structures – baby bears chair Cooking and Nutrition – balanced diet	Textiles - Fastening	Textiles – stuffed tots	Summer	Textiles: Bookmarks	Structures – Constructing a windmill Cooking & nutrition – Fruits and vegetables Smoothies)	Construction- Castle Design	Gears and pulleys