



Design and Technology Curriculum Overview

Year Group	Autumn		Spring		Summer	
Reception	Cooking and Nutrition – Soup (6 lessons)		Structures – Junk modelling (6 lessons)		Textiles – Bookmarks (6 lessons)	
Year 1	Textiles – Simple stitches (3 lessons, omit lessons 4 and 5) Cooking and Nutrition – Smoothies (4 lessons, omit lessons 3 and 4)		Mechanisms – Wheels and axels (5 lessons, no lessons omitted)		Structures – Stable structures (3 lessons, omit lessons 3 and 5) Mechanisms – Matching slider game (3 lessons, omit lessons 4-5)	
Year 2	Cooking and Nutrition – Balanced diet (4 lessons, omit lessons 3 and 4) Structures – A Chair for a Bear (3 lessons, omit lessons 3 and 5)		Mechanisms – Fair ground Wheel (5 lessons, no lessons omitted)		Textiles – Pouches (3 lessons, omit lesson 4) Mechanisms – Making a Moving Monster (4 Lessons, no lessons omitted)	
Year 3/4	Cycle A	Cycle B	Cycle A	Cycle B	Cycle A	Cycle B
	Cooking and nutrition – Adapting a Recipe (4 lessons, omit lessons 4 and 6) Electrical Systems – Torches (3 lessons, omit lesson 1)	Digital World – Wearable technology (4 lessons, omit lessons 1 and 6) Cooking and nutrition – Eating Seasonally (4 lessons omit lessons 1 and 3)	Structures – Helmets (5 lessons, no lessons omitted)	Structures – Product packaging (5 lessons, no lessons omitted)	Mechanical systems – Mechanical Cars (4 lessons, omit lesson 1) Textiles – Fastenings (3 lessons, omit lesson 1)	Textiles – Cross Stitch and Applique – Cushions (4 lessons, no lessons omitted) Mechanical Systems – Pneumatic toys (3 lessons, option 1, omit lessons 2 and 5) NB. Use elements of lesson 2 to support diagram learning in lesson 3.
Year 5	Cooking and nutrition – Developing a Recipe (4 lessons, omit lessons 1 and 5) Electrical Systems – Wobblebots (3 lessons, omit lessons 4 and 5)		Mechanical Systems – Gears and Pulleys (5 lessons, no lessons omitted)		Digital World – Monitoring Devices (4 lessons, no lessons omitted) Structures – Bridges (4 lessons, no lessons omitted)	
Year 6	Structures – Playgrounds (3 lessons, omit lesson 4) NB. Skip the surrounding landscape and complete the playground structures in lesson 3		Digital World – Navigating the World (5 lessons, no lessons omitted)		Electrical Systems – Steady hand Game (3 lessons, omit lesson 1)	

	Mechanical systems – Automata toys (4 lessons, no lessons omitted)		Cooking and nutrition – Come Dine with Me (4 lessons, omit lessons 1 and 3)
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***Cycle A:** Academic Year 2026-2027 **Cycle B:** Academic Year 2027-2028