

Design & Technology Long Term Planning

Class	Cycle	Autumn	Spring	Summer
1	A	Food Year 1/2 Food preparation – fruit and vegetables. PC1 N1 01	Textiles Year 1/2 templates and joining techniques T1 T2 C1 J1	Mechanisms Year 1/2 – Wheels and Axles C1 M1 J1
	B	Food Year 1/2 Food preparation – fruit and vegetables PC1 N1 01	Year 1/2 Structures – Freestanding structures S1 C1 J1	Mechanisms Year 1/2 – sliders and levers C1 M1 J1
2	A	Textiles Year 1/2 templates and joining techniques T2 C2 J2	Food Year 1/2 Food preparation – fruit and vegetables. PC2 N2 02	Year 1/2 Structures – Freestanding structures S2 C2 J2
	B	Food Year 1/2 Food preparation – fruit and vegetables – baking bread). PC2 N2 02	Mechanisms Year 1/2 – sliders and levers C2 M2 J2	Mechanisms Year 1/2 – Wheels and Axles C2 M2 J2
3	A	Structures – Year 3/4 Shell structures S3 C3 J3/S4 C4 J4	Mechanical systems – Year 3/4 Levers and linkages M3/M4	Food – Year 3/4 Healthy and varied diet PC3 N3 OF3/ PC4 N4 OF4
	B	Structures – Year 3/4 Shell structures - (recyclable lunchboxes) S3/S4	Electrical Systems Year 3/4 Simple Circuits and switches (light box) E3/E4	Textiles – Year 3/4 2D shape to 3D product (apron for 1960s) T3/T4
4	A	Food – Year 3/4 Healthy and varied diet (Healthy sandwich using rations) PC4 N4 OF4/ PC5 N5 OF5	Structures Year 5/6 Frame Structures (Anglo Saxon house)	Mechanical Systems – Year 3/4 Pneumatics (moving pictures)
	B	Textiles Year 3/4 Roman Purse T4/T5	Mechanical Systems Pulleys or Gears (Space Transporter)	Food Celebrating culture and seasonality (Greek food and breads)
5	A	Textiles – year 5/6 Combing different fabric shapes (Tudor purse)	Structures Year 5/6 Frame Structures	Food Year 5/6 Celebrating culture and seasonality (breads and comparing food)
	B	Mechanical Systems Year 5/6 CAMS (Viking moving longboat)	Electrical Systems Year 5/6 More complex switches an circuits (Victorian light up house)	Electrical Systems Year 5/6 Monitoring and Control (making alarm for Cold war)