



DESIGN TECHNOLOGY - LONG TERM PLAN - 2025/2026

KS1			
DESIGN	MAKE	EVALUATE	TECHNICAL KNOWLEDGE
- products for self and others - plans: drawings, templates, mock-ups etc.	- select and use tools - select and use materials	- existing products - own products by comparison	- building structures - mechanisms (e.g. levers, sliders, wheels and axles)
• COOKING AND NUTRITION • prepare dishes based on principles of a healthy diet • the sources of food			
CURRENT TOPIC EXEMPLARS <i>Not prescriptive: teachers are encouraged to amend or add to the following as appropriate:</i>			
Early Years	Year 1	Year 2	
- Homes - Making Food - Designing and making	- Puppets - Houses and Homes - Yummy Yoghurts	- Fruit/vegetable salad - Rainforest home - Vehicles	
KS2			
DESIGN	MAKE	EVALUATE	TECHNICAL KNOWLEDGE
- practical working products for a specific individual or group - more advanced plans (e.g. cross-sectional and exploded diagrams, prototypes, pattern pieces, computer-aided design)	<i>Selecting and using a wider range of</i> - tools - materials	- existing products - own products by comparison - key events and people in worldwide design and technology	- more complex structures - mechanisms (e.g. gears, pulleys, cams, levers and linkages) - electrical systems (e.g. series circuits, switches, bulbs, buzzers, motors) - ICT to program, monitor and control products



COOKING AND NUTRITION

- understand and apply principles of a healthy diet
- prepare and cook predominantly savoury dishes using different techniques
- seasonality; sources and farming of plant – and livestock-generated foods

CURRENT TOPIC EXEMPLARS

Not prescriptive: teachers are encouraged to amend or add to the following as appropriate: ensuring that topics are not repeated in different years.

Year 3	Year 4	Year 5	Year 6
• Photo frames • Weaving • Designing a sandwich	• Light up cards/pictures • Design a Viking longship • Fruit smoothies	• Musical instruments • Biscuits • Money containers	• Bridges • Electronic buggies • Marble run • Fairgrounds • Cereal bars • Gingerbread houses • Dilapidated houses • Moving toys • Sleigh for Father Christmas • Paper engineering