

Long-term planning document

Years 1/2

Cycle A	Food Preparing fruit and vegetables (Including cooking and nutrition requirements for KS1) Fruit salads	Structures Freestanding structures Bridges	Mechanisms Sliders and levers Moving image
Cycle B	Mechanisms Wheels and axles Vehicle for an explorer	Textiles Templates and joining techniques Puppets	Food Preparing fruit and vegetables (Including cooking and nutrition requirements for KS1) Picnic- fruit/vegetable kebabs

Years 3/4

Cycle A	Structures Shell structures Stone Age houses	Mechanical Systems Levers and linkages Roman Chariots	Food Healthy and varied diet (including cooking and nutrition requirements for KS2) Sandwiches
Cycle B	Electrical Systems Simple circuits and switches (including programming and control) Natural disasters – system to warn people.	Food Healthy and varied diet (including cooking and nutrition requirements for KS2) A Viking Porridge	Textiles 2-D shape to 3-D product Reduce, reuse, recycle – bags

Years 5/6

Cycle A	Mechanical Systems Pulleys or gears Making moving cars	Food Celebrating culture and seasonality (including cooking and nutrition requirements for KS2) Vegetarian and Vegan recipes (Carbon Footprint)	Structures Frame structures Benin traditional houses
Cycle B	Food Celebrating culture and seasonality (including cooking and nutrition requirements for KS2) Shackleton's Christmas meal	Textiles Combining different fabric shapes (including computer-aided design) Designing a Christmas decoration	Electrical Systems More complex switches and circuits (including programming, monitoring and control) Links to science – making circuits