

	Autumn	Spring	Summer
Cycle 1	Cooking and nutrition: Balanced diet	Structures: Baby Bear's Chair	Mechanism: Making a Moving Monster - Pneumatic Toys
	Learning about the importance of a balanced diet and using that knowledge to create a tasty wrap, this unit includes new lessons with both teacher and pupil videos	Explore stability and methods to strengthen structures, to understand Baby Bear's chair weaknesses and develop an improved solution for him to use.	Building a rotating fairground wheel with a free-standing structure, this unit offers a simplified wheel design made from repurposed materials and an additional lesson where children design and conduct a survey to gather opinions.
Cycle 2	Textiles: Pouches	Mechanisms: Fairground wheel	Structures: Constructing a castle
	Learn how to sew a running stitch ready to design, make and decorate a pouch using a template.	Building a rotating fairground wheel with a free-standing structure, this unit offers a simplified wheel design made from repurposed materials and an additional lesson where children design and conduct a survey to gather opinions.	Identify and learn about the key features of a castle, before designing and making a recycled-material castle (structure).