



	Year A Autumn term	Year A Spring term	Year A Summer Term	Year B Autumn term	Year B Spring term	Year B Summer term
Years 1/2	Preparing Fruit and Vegetables (including cooking requirements for KS1) What does healthy mean? Can you make a healthy fruit and vegetable smoothie?	Mechanisms Sliders and leavers Can you make a picture move?	Structures Freestanding structures How can you stop a tower from toppling over?	Textiles Templates and joining techniques Can you create a puppet using joining techniques?	Preparing Fruit and Vegetables (including cooking requirements for KS1) Can you prepare fruit and vegetables to make a healthy smoothie?	Mechanisms Wheels and axels Are bigger wheels always better? Can you make a push pull toy?
Years 3/4	Food- Healthy and varied diet (including cooking requirements for ks2) What do we mean by a balanced diet? Can you make a healthy and varied snack?	Mechanical systems Leavers and linkages Can you make a storybook?	Structures Shell structures How can you make a gift box sturdy?	Textiles 2D shape and 3D product Can you create a 3D pencil case?	Food- Healthy and varied diet (including cooking requirements for ks2) Can you make a healthy and varied picnic?	Electrical systems Simple circuits and switches including programming and control How useful are switches? Can you make a light up sign?
Years 5/6	Food Celebrating culture and seasonality (including cooking and nutrition requirements for KS2) Why are our diets so different? Can you make a diverse snack?	Mechanical systems- pulleys or gears How can you lift a car onto a roof?	Structures Frame structures How are frames, strengthened, reinforced and made rigid? Can you create a bus shelter?	Textiles Combining different fabric shapes Durability of fabric Which fabric is ideal for creating a functional and hand wearing garden tool belt?	Food Celebrating culture and seasonality (including cooking and nutrition requirements for KS2) Can Street food save us? Can you make a street food dish?	Electrical systems More complex switches and circuits including programming, monitoring and control. Can switches perform more than one function? Can you create a functioning vehicle alarm?