



Year 1 & 2 – Class 1 & 2

Autumn A – Ourselves, Festivals		Spring A - World & Local Food		Summer A – The Seaside, Local Artists & Authors	
Term 1	FOOD A BALANCED DIET Y2 SCIENCE Learn about the food groups (carbohydrates, proteins, fruits and vegetables, dairy, oils and spreads) to understand a balanced diet to develop a healthy wrap.	Term 1	MECHANISMS MAKING A MOVING STORY BOOK Y1 Explore slider mechanisms and the movement they output, to design, make and evaluate a moving storybook from a range of templates.	Term 1	Mechanisms Fairground wheel Y2 only Design and create a functional Ferris wheel, learn how different components fit together so that the wheel rotates and the structure stands freely.
Term 2	STRUCTURE BABY BEARS CHAIR Y2 SCIENCE Explore stability and methods to strengthen structures, to understand Baby Bear’s chair weaknesses and develop an improved solution for him to use.	Term 2		Term 2	
Autumn B –		Spring B –		Summer B –	
Term 1	FOOD FRUIT AND VEGETABLES Y1 SCIENCE Learn to distinguish between fruit and vegetables and where they grow. Design a fruit and vegetable smoothie and accompanying packaging	Term 1	Making a moving monster Y2 only Explore levers, linkages and pivots through existing products and experimentation, use this research to construct and assemble a moving monster (Chinese New Year and Dragons)	Term 1	
Term 2	CONSTRUCTING A WINDMILL Y1 SCIENCE Inspired by the song, ‘Mouse in a windmill’, design and construct a windmill for a client (mouse) to live in. Explore various types of windmill, how they work and their key features.	Term 2		Term 2	TEXTILES PUPPETS Year 2 only Explore methods of joining fabric. Design and make a character-based hand puppet using a preferred joining technique, before decorating