

Design and Technology Long Term Plan

	EYFS	Year 1	Year 2	Year 3	Year 4	Year 5	Year 6
Autumn 1	Food and Nutrition Using fruit Gruffalo biscuits Using Materials Malleable play dough Monsters				Electrical Systems-simple circuits and switches Torch/lantern		
Autumn 2	Structures Building dark dens Textiles Superhero capes	Mechanisms- Sliders and levers Christmas cards	Mechanisms and axles Toy Car	Food- healthy and varied diet Healthy wrap/pitta		Food-celebrating culture and seasonality Breakfast burritos	Food –culture and seasonality Vegetarian Bean Burgers
Spring 1	Structures Making pirate ships Using Materials Puppets	Food- preparing fruit Shrove Tuesday – with fruit toppings					Structures and Frames- Design a kite
Spring 2	Using Materials Designing and making salt dough fossils Sliders and levers Easter Cards		Food-Preparing vegetables. Vegetable crisps	Mechanical Systems-levers and linkages Rabbit and the Hare moving picture	Textiles – 2D to 3D product. Create a purse for currency	Mechanical Systems- Pulleys gears or cams Design a toy car with pulleys	
Summer 1	Food Fruit Smoothies	Structures freestanding Bug hotel	Textiles- templates and joining techniques Puppet to retell story			Textiles – combining different fabric shapes. Tote bag for shopping Design a bag	Electrical systems –using more complex switches and circuits Beat the buzz game
Summer 2	Free choice designs Models with a purpose			Structures- shell structures including CAD Biodegradable plant pots	Food- Healthy and varied diet Healthy banana/bread loaf		