



Design & Technology Subject Overview

	Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2
Nursery	Explore materials with different properties. Explore natural materials, indoors and outdoors.					
Reception	Use all their senses in hands-on exploration of natural materials. Explore collections of materials with similar/and or different. Explore how things work. Talk about the differences between materials and changes that they notice. Make junk models. Use basic tools such as scissors, rolling pins, buckets, spades etc.					

	Autumn	Spring	Summer
Year 1	Mechanisms <i>Sliders & Levers</i> POP	Structures <i>Freestanding Structures</i> POP	Cooking & Nutrition <i>Preparing Fruit & Vegetables</i> POP
Year 2	Mechanisms <i>Wheels & Axles</i> POP	Cooking & Nutrition <i>Preparing Fruit & Vegetables</i> POP	Textiles <i>Templates and joining</i>
Year 3	Mechanical Systems <i>Levers & Linkages</i> POP	Cooking & Nutrition <i>Healthy & Varied Diet</i> POP	Textiles <i>2D to 3D Product</i> POP
Year 4	Electrical Systems <i>Simple Circuits & Switches</i> POP	Structures <i>Shell Structures using CAD</i> POP	Cooking & Nutrition <i>Celebrating Culture and Seasonality</i> POP
Year 5	Textiles <i>Combining different fabric shapes</i> POP	Mechanical Systems <i>Gears & Pulleys OR CAMS</i> POP	Cooking & Nutrition <i>Celebrating Culture and Seasonality</i> POP
Year 6	Cooking & Nutrition <i>Celebrating Culture and Seasonality</i> POP	Structures <i>Frame Structures</i> POP	Electrical Systems <i>More Complex Switches & Circuits</i> POP