

Design Technology Curriculum Overview

	Autumn	Spring	Summer	
Year 1	<u>Cooking and Nutrition</u> Preparing Fruit and Vegetables Outcome: A healthy fruit smoothie	<u>Textiles</u> Weaving with paper Outcome: Create a woven paper fish	<u>Mechanical Systems</u> Sliders and Levers Outcome: To create a moving story book based on a traditional rhyme.	
Year 2	<u>Structures</u> Freestanding Structures Outcome: Design and make a 3D castle using joining techniques.	<u>Textiles</u> Sewing: joining fabric using a running stitch Outcome: Making an animal puppet	<u>Mechanical Systems</u> Wheels and Axles Outcome: Make a moveable vehicle	
Year 3	<u>Textiles</u> Sewing: joining fabric using blanket stitch Outcome: To create a felt slip-cover using stitching to create seams and embellishment	<u>Mechanical Systems</u> Levers and Linkages Outcome: Greetings card with moving parts	<u>Cooking and Nutrition</u> Preparing a healthy snack Outcome: Prepare a sandwich for a child's lunch with each of the food groups.	
Year 4	<u>Electrical Systems</u> Simple Circuits and Switches Outcome: Creating an electrical buggy	<u>Structures</u> Resistant Structures Outcome: Design a building that is earthquake-proof	<u>Textiles</u> Sewing: using a variety of decorative stitch patterns Outcome: Make a bookmark using different stitches and patterns	
Year 5	<u>Mechanical Systems</u> Cam Mechanism Outcome: Design a toy using a cam mechanism	<u>Structures</u> Frame Structures Outcome: Model play equipment	<u>Textiles</u> Sewing: joining fabric and using stitching to embellish Outcome: Make a pencil case, using a fastener and a stitched pattern.	
Year 6	<u>Electrical Systems</u> More Complex Switches Outcome: Design and Make an Intruder alarm		<u>Cooking and Nutrition</u> Preparing and cooking a variety of dishes Outcome: International Café selling foods from other cultures	<u>Textiles</u> Sewing: applying appropriate stitch technique for repairs Outcome: make a repair patch for a piece of damaged clothing