

Design Technology Curriculum Overview

Year Group	Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2
EYFS	<p><u>We All Belong Here</u></p> <p>Food Open banana sandwiches</p>	<p><u>Why Do Squirrels Hide Their Nuts</u></p> <p>Structures Make a bear cave</p> <p>Food Pumpkin soup</p>	<p><u>Winter Wonderland</u></p> <p>Food Ice lollies</p>	<p><u>Dinosaur Stomp</u></p> <p>Structures Make a dinoscape</p>	<p><u>The Sights and Sounds of Africa</u></p> <p>Food Fruit kebabs</p> <p>Structures African musical instruments</p>	<p><u>Mad About Minibeasts</u></p> <p>Structures Design and make minibeasts</p>
1	<p><u>Everyday Materials</u></p> <p>Food Pitta pockets.</p>	<p><u>School Days</u></p>	<p><u>No Place Like Home</u></p> <p>Structures A chair for Baby Bear.</p>	<p><u>Monarchs</u></p> <p>Food Pasta salad with roasted vegetables.</p>	<p><u>Rio de Vida</u></p> <p>Textiles A Flag for a carnival.</p>	<p><u>Enchanted Woodland</u></p> <p>Food Fruit pots for the Farmer's Market</p> <p>Food A sandwich for a summer picnic (full project).</p>
2	<p><u>Bright Lights, Big City</u></p> <p>Mechanisms – (Wheels and Axels) A toy vehicle for Paddington Bear.</p> <p>Food Bread rolls.</p>	<p><u>Significant People</u></p>	<p><u>Alive and Kicking</u></p> <p>Food Jumping bean couscous salad.</p>	<p><u>Under the Canopy</u></p> <p>Food Orangutan friendly snack bars.</p>	<p><u>Land Ahoy!</u></p> <p>Mechanisms - (sliders and levers) A moving picture for a pirate story book for a child.</p>	<p><u>Beside the Seaside</u></p> <p>Food Fruit lollies for The Farmers' Market (full project).</p>
3	<p><u>Road Trip USA!</u></p> <p>Structures A bridge for a child to drive their toy cars over. Engineer Joseph Strauss Who designed the first suspension bridge.</p> <p>Food American burgers.</p>	<p><u>Stone Age, Bronze Age and Iron Age</u></p>	<p><u>Forces, Magnets and Metals</u></p> <p>Food Breakfast pots.</p>	<p><u>Volcanoes and Earthquakes</u></p>	<p><u>Ancient Greece</u></p> <p>Mechanisms – (pneumatics) A moving mythical creature toy for a child.</p>	<p><u>Take One Author: Roald Dahl</u></p> <p>Shell Structures A chocolate box for Willy Wonka created with CAD</p> <p>Food Fruit chocolates for the Farmers' Market (full project).</p>
4	<p><u>Roman Britain</u></p> <p>Food Fish Pie</p>	<p><u>Take One Author: Michael Morpurgo</u></p> <p>Food Ginger bread biscuits</p> <p>Electrical systems An electrical product of own choice – e.g. a lamp or buzzer game Inventor Thomas Edison and the invention of the light bulb</p>	<p><u>Misty Mountains, Winding Rivers</u></p> <p>Food Ratatouille.</p>	<p><u>Anglo Saxons</u></p>	<p><u>Vikings</u></p> <p>Mechanisms – (levers and linkages) A moving poster explaining how Viking Long ships worked for children.</p>	<p><u>Living Things and their Habitats</u></p> <p>Food Pizza (full project)</p>
5	<p><u>Marvellous Mechanisms</u></p> <p>Mechanisms – (cams) A moving theme park ride souvenir for a child.</p>	<p><u>The Solar System</u></p> <p>Food Cup-cake for a Christmas gift (full project).</p>	<p><u>Polesworth Through Time</u></p> <p>Food Tomato and basil flatbread.</p>	<p><u>Polesworth and Coal Mining</u></p> <p>Mechanisms – (gears and pulleys) A load pulling vehicle for the STEM competition. Engineer and Inventor George Stevenson who designed the first locomotive steam train</p>	<p><u>Take One Author: Kwame Alexander</u></p> <p>→</p>	<p><u>Ancient Egypt</u></p> <p>Food Potato wedges for the Farmers' Market.</p>
6	<p><u>Darwin's Delight</u></p> <p>Food Apple/pear fruit crumbles.</p>	<p><u>World War 2</u></p> <p>Textiles A personalised mobile phone case. Inventor Hedy Lemar who developed radio guidance technology in WWII now incorporated into blue tooth used in mobile phones.</p> <p>Food Smoked Paprika Sausage Hotpot</p>	<p><u>Frozen Kingdom</u></p>	<p><u>Tales of Terror</u></p> <p>Food Berry pancakes.</p>	<p><u>Mayans</u></p> <p>Food Design a Burrito Bowl (full project).</p>	<p><u>Mayans</u></p> <p>Electrical systems (monitoring and control) Design a product to solve a problem at home or in school</p>