


## Design Technology Curriculum Overview

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