



Design & Technology Content Overview 22-23

In addition to the opportunities below, children enjoy Forest School sessions led by a trained Forest School specialist. These sessions provide a number of opportunities for children to enhance, support and bring to life their knowledge and understanding of DT. Children also have lots of opportunities to build structures and explore using materials during break times as part of our OPAL (Outdoor Play and Learning) approach.

	Term 1	Term 2	Term 3	Term 4	Term 5	Term 6
Reception	<u>Superhero Me</u>	<u>People Who Help Us</u>	<u>5, 4, 3, 2, 1... Blast Off!</u>	<u>Dinosaur Discovery</u>	<u>Around the World (Bristol, Japan and Mexico)</u>	<u>Story Time!</u>
	Design and make utility belt Cookery	Cookery	Modeling a prototype	Mechanisms	Cookery	
	Vegetable soup Design and make utility belt	Pumpkin design and carve with knives Salt dough decorations	Design and make a Mars Rover Design and make rockets	Salt dough fossils Gardening club – wreaths, bird feeders	Sushi Mexican bean chilli	Story scenes using natural resources
Continuous Provision	Big build opportunities -crates, planks, tyres. Junk modelling inside and outside. Woodwork – gazebo. Forest school -drills, potato peelers, pen knives, saws					
1	<u>Pesky Pirates</u>	<u>Bandages & Bravery</u>	<u>Let's Play</u>	<u>Life Below Water</u>	<u>Down on the Farm</u>	<u>Awesome Africa</u>
			Mechanisms		Cookery	Cookery
		Bread rolls	Design and make a pop-up book, evaluate and improve what we have made. Use of mechanisms; flaps, sliders, levers, springs.		Understand where food comes from - Visit to Windmill Hill City Farm.	African cooking - tabbouleh

2	<u>An Island Home</u>	<u>Fire! Fire!</u>	<u>Power of Pictures</u>	<u>Amazon Adventure</u>	<u>Food Heroes</u>	<u>Terrific Trees</u>
	Cookery	Mechanisms modeling a prototype			Cookery	
	Jamaican cooking and cooking instructions	Design and make a fire engine for nursery/reception classes Design, make & evaluate Tudor houses and set fire to them in the playground			Cooking Spanish frittatas	
3	<u>Savage Stone Age</u>	<u>To the Ends of the Earth</u>	<u>What the Romans Did for Us</u>	<u>Brilliant Light</u>	<u>Healthy Me</u>	<u>Oh, Grow Up!</u>
	Cookery	Woodwork	Modeling a prototype	Textiles & sewing	Cookery	Cookery
	Stone Age diet v modern day diet Cooking Rock cakes	Lantern parade - making individual and large lantern	Design, make and evaluate a Roman catapult Architecture-strength of columns	Shadow puppets	Healthy savory cooking	Seasonality of recipe ingredients, and where and how they are grown and distributed as part of Science
4	<u>All Around Us</u>	<u>Awesome Ancient Egyptians</u>	<u>Listen Up!</u>	<u>Imaginary Worlds</u>	<u>How Were the Anglo-Saxons?</u>	<u>Life Down Under</u>
		Cookery	Modeling a prototype	Electrical	Cookery	Cookery
		Cook and taste some Ancient Egyptian foods	Plan, make and evaluate musical instruments Make earmuffs from a variety of different materials to investigate which provides the best insulation against sound	Build electrical circuits for a particular purpose; understand and use electrical systems in simple products	Anglo Saxon weaving and dyeing Cooking Anglo Saxon Savoury food	

5	<u>New York, New York</u>	The <u>Greatest Greeks</u>	<u>Out of this World</u>	<u>Now that's what I call the 1960s</u>	<u>The Vikings are Coming</u>	<u>Climate Warriors</u>
	Mechanisms	Inventors, chefs & architects Cookery	Modeling a prototype	Mechanisms	Modeling a prototype	Cookery
	Skyscraper building with lolly sticks - apply their understanding of how to strengthen, stiffen and reinforce more complex structures Pulleys and levers to build elevator in a skyscraper Skyscrapers from junk	Greek food preparation and comparison of flavours Study of Greek architecture including Greek temples and designing one Residential - Eco cooking (pizza snack) and smoothie blender bikes	3D rockets from junk - homework	The NOT Squashed Tomato challenge - build a mechanism to transport tomatoes down a mountain - levers & pulleys, evaluation	Design and build model Viking longship	Vegan cookery
6	<u>Bristol Street Art</u>	<u>Mysterious Mayans</u>	<u>My, How You've Changed</u>	<u>Peace, Justice & Strong Institutions</u>	<u>Me, Myself and I</u>	<u>Curious Crime</u>
		Textiles & Sewing	Cookery		Cookery	Electrical Modeling a prototype
		Designing and sewing Mayan bags	Cooking healthy food		Cooking healthy food	Model cars -design and build a crime fighters car that includes an electrical motor