

# Design Technology - Long Term Curriculum Overview 2023 - 2024

Subject area	Autumn Term A	Autumn Term B	Spring Term A	Spring Term B	Summer Term A	Summer Term B
<b>F1</b>	Explore a range of construction materials and resources in continuous provision. Build walls for Humpty Dumpty. Access tools and equipment. Explore materials and choose what to do with them.	Design and build broomsticks for the witch. Use scissors and glue to create stick puppets (Nativity/traditional tale characters) and make attachments.	Junk modelling – Chinese dragons for a dragon dance	Making gingerbread men. Exploring bridges, materials, and floating and sinking.	Explore how things work – robots and machines. Explore small world resources and construction materials – farms and maps.	Make imaginative and complex ‘small worlds’ (zoos). Explore different materials freely, in order to develop their ideas about how to use them and what to make.
<b>F2</b>	<b>Construction</b> Using various construction materials. Joining construction pieces together to build and balance.	<b>Self Service snack- Cutting and preparing fruit</b> Using simple tools and techniques completely and appropriately	<b>Exploring different joins</b> Selecting tools and using techniques needed to shape, assemble and join materials	<b>Junk Modelling</b> Experiment with colour, design, texture, form and function	<b>Forest school- Den building</b> Safely use and explore a variety of materials, tools and techniques.	<b>Props making for F2 performance</b> Make use of props and materials when role playing characters in narratives and stories.
<b>Year 1</b>	<b>Structures:</b> Playgrounds			<b>Cooking and Nutrition:</b> Fruit Smoothie		<b>Mechanisms:</b> Moving Pictures Hot & Cold
<b>Year 2</b>		<b>Mechanisms:</b> Winding Mechanisms Great fire of London		<b>Cooking and Nutrition:</b> A Balanced Diet Vegetable Wraps		<b>Structures:</b> Beach Shelters
<b>Year 3</b>		<b>Cooking and Nutrition:</b> Mediterranean Pasta Sauce		<b>Mechanical Systems:</b> <b>Pneumatics</b> Volcanoes		<b>Structures:</b> Greek Buildings
<b>Year 4</b>		<b>Textiles:</b> Egyptian Slippers		<b>Mechanical Systems:</b> Moving Books		<b>Cooking and Nutrition:</b> Bread
<b>Year 5</b>		<b>Cooking and Nutrition:</b> Soup and Savoury Scone		<b>Mechanical Systems:</b> Moving Toys		<b>Structures:</b> Bridge Building
<b>Year 6</b>		<b>Cooking and Nutrition:</b> Vegetable Cake			<b>Textiles:</b> Mobile Phone Holder	<b>Mechanical and Electrical systems:</b> Fairgrounds