

Design and Technology Topics 2023 - 24

	Autumn	Spring	Summer
Nursery	<p>All about Me Pumpkin carving using tools</p> <p>Terrific Tales Decorate gingerbread man using ingredients Construct model of house and make props joining materials</p>	<p>Patterns and Prints! Design and create sock using computing. Design and create patterns for a fabric t-shirt Assemble lanterns and dragons using different materials</p> <p>Ticket to Ride – Who helps us? Children to create models of transport using construction materials Combine ingredients to make Easter eggs/cakes</p>	<p>Amazing Animals! Create puppets and masks by joining materials</p> <p>Come Outside! Construct model of their own house joining materials</p>
Reception	<p>All About Me Combine ingredients & use tools to make vegetable soup and jelly. Pumpkin carving using tools</p> <p>Celebrations and Festivals Combine ingredients to make Diwali sweets, Christmas cookies Use tools and join materials to make Christmas crafts</p>	<p>Terrific Tales Design decoration for gingerbread biscuit Use construction materials to create a bridge Create puppets and masks by joining materials Plan, design and make a bag or basket Use large and small construction to make a shelter/house</p> <p>People Who Help Us Design and create their own Easter basket</p>	<p>Amazing Animals! Use tools to create animal masks, pictures, zigzags Design and create an animal puppet following design, make, evaluate cycle</p> <p>Holidays! Combine ingredients and use tools to create a dish following a recipe</p>
Year 1	<p>Moving Pictures Mechanisms Books by various authors</p>	<p>Structures Structures Architect - Christopher Wren Engineer – Thomas Telford, Sarah Guppy</p>	<p>Cooking and Nutrition Mary Berry</p>
Year 2	<p>Vehicles Mechanisms Designer/inventor - Henry Ford</p>	<p>Puppets Textiles Designer/inventor – Jim Henson</p>	<p>Cooking and Nutrition Nadiya Hussain</p>

Year 3	Bags and containers Textiles Designer – Stella McCartney, Ralph Lauren	Frame it! Structures Designers - Thomas Chippendale, Charles Rennie Mackintosh, Alison Cork	Cooking and Nutrition Ainsley Harriot
Year 4	Let there be light! Electrical Inventors – Thomas Edison, Alexander Graham Bell	Moving Models Mechanisms – pneumatics Inventor/engineer –Lonnie Johnson Disney Imagineering	Cooking and Nutrition Jamie Oliver
Year 5	Building Bridges Structures Engineer - Dorothy Donaldson Buchanan Engineer - Roma Agrawal Architect – Hedy Lamarr	Moving Toys Mechanisms - Cams and Pulleys Engineer/Scientist – Bill Nye	Cooking and Nutrition Gino D’Acampo
Year 6	A Christmas Gift Textiles Artist and Graphic designer - Susan Kare	Motor Vehicles Mechanisms – electrical Engineer - Beatrice Shilling Inventor – Mary Anderson Designer/inventor - Henry Ford	Cooking and Nutrition Jamie Oliver and at least one other contrasting chef (Khalid Mohammed – Trinidad, Shuko Oda – Japan)