

Design and Technology Topics

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

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)