



Design Technology : Curriculum Overview 2021 – 2022

	Year 1	Year 2	Year 3	Year 4	Year 5	Year 6
Autumn Term	Structures <i>Templates and joining sides</i> <i>Castles Project</i>	Models <i>Freestanding structures</i> <i>Toys: Victorian to Now</i>	Textiles <i>2D to 3D shape product</i> <i>A 3D Christmas decoration</i>	Buildings <i>Shell structures using computer-aided design</i> <i>Box it up:</i> <i>Archaeological digs and findings</i>	Structures <i>Frame structures</i> <i>Tudor Houses of all shapes and sizes</i>	Textiles <i>Using computer-aided design in textiles</i> <i>Combining different fabric shapes</i> <i>Textile Christmas decoration</i>
Spring Term	Pop Up Books <i>Sliders and Levers</i> <i>Book including pop-up with up and down, side to side and split movement</i>	Cooking & Nutrition <i>Preparing Fruit and Vegetables</i> <i>Lemon Curd with a twist</i>	Cooking & Nutrition <i>Healthy and varied diet</i> <i>Scones of all sorts</i>	Electronics <i>Pneumatics and simple circuits and switches</i> <i>Sound the alarm!</i> <i>Alarmed vehicles with Electronics with Scratch programming</i>	Toys with Moving Mechanisms <i>Cams, pulleys and gears</i> <i>Space Inventions</i>	Cooking & Nutrition <i>Celebrating culture and seasonality</i> <i>Empanadas or home specialties</i>
Summer Term	Cooking & Nutrition <i>Preparing fruit and vegetables</i> <i>'Gazpacho or not so?!'</i> <i>Using choice of British seasonal vegetables</i>	Mechanisms <i>Wheels and axles</i> <i>Making simple machines: from 1666 carts to fire engines</i>	Mechanisms <i>Levers and linkages</i> <i>Simple Programming and Control</i> <i>Interactive</i> <i>Ancient Egyptian posters</i>	Cooking & Nutrition <i>Healthy and varied diet</i> <i>Innovative fruit cakes</i>	Cooking & Nutrition <i>Celebrating culture and seasonality</i> <i>Custom-made Tortillas</i>	Stage and Set Design <i>More complex switches</i> <i>Cams</i> <i>Controlling circuits</i> <i>Lights, Camera, Action!</i>