



<b>Year Group</b>	<b>Autumn 1</b>	<b>Autumn 2</b>	<b>Spring 1</b>	<b>Spring 2</b>	<b>Summer 1</b>	<b>Summer 2</b>
EYFS	<p><b>Structures</b></p> <p>Safely use and explore a range of tools and materials</p> <p>Create structures using junk modelling</p>	<p><b>Card making</b></p> <p>Use templates</p> <p>Use a range of different materials</p> <p>Fold card</p>	<p><b>Food Technology</b></p> <p>Begin to understand some of the tools, techniques and processes involved in food preparation</p> <p>Basic hygiene awareness</p>	<p><b>Structures</b></p> <p>Create collaboratively, share ideas, resources and skills</p>	<p><b>Mechanisms</b></p> <p>Attach wheels to a vehicle</p>	<p><b>Share creations</b></p> <p>Share creations and explain the processes they have used</p>
Year 1	<p><b>Structures (freestanding)</b></p> <p>Select and explain their choice of material.</p> <p>Join appropriately using glue or tape.</p>	<p><b>Card making</b></p> <p>Fold, tear, roll and cup paper and card</p> <p>Cut out chapels from a range of papers.</p>	<p><b>Textiles</b></p> <p>Cut out shapes from a range of fabrics</p>	<p><b>Structures (freestanding)</b></p> <p>Build simple structures</p>	<p><b>Mechanisms</b></p> <p>wheels, axles, levers and sliders</p>	<p><b>Food Technology</b></p> <p>Identify the source of common foods.</p> <p>Identify main food groups.</p>
Year 2	<p><b>Structures (freestanding)</b></p> <p>Improve structures by making them stronger.</p> <p>Join appropriately with glue/tape.</p>	<p><b>Card making</b></p> <p>Create simple hinges and pop-ups</p>	<p><b>Textiles</b></p> <p>Join fabrics</p> <p>Cut ,measure form and shape materials to fix or repair something.</p>	<p><b>Structures (freestanding)</b></p> <p>Improve structures by making them stronger, stiffer and more stable.</p>	<p><b>Mechanisms</b></p> <p>Attach features to a vehicle</p> <p>Create and use wheels and axles, levers and sliders.</p>	<p><b>Food Technology</b></p> <p>Explain where the food they eat comes from.</p> <p>Cut, peel, grate and chop a range of ingredients.</p>



						Recognise the need for a variety of foods in a diet.
Year 3	<p><b>Structures (shell)</b></p> <p>Create a shell structure.</p>	<p><b>Card making</b></p> <p>Cut slots in card and create nets</p>	<p><b>Textiles</b></p> <p>Create a simple pattern for a design.</p> <p>Join fabrics using a running stitch.</p>	<p><b>Structures (frame)</b></p> <p>Compare and contrast great bridge designs</p> <p>Create a shell structure using diagonal struts to strengthen.</p>	<p><b>Mechanisms</b></p> <p>Create and use simple levers and linkages</p>	<p><b>Food Technology</b></p> <p>Describe what a balanced diet is.</p> <p>Combine a variety of ingredients</p>
Year 4	<p><b>Structures (frame)</b></p> <p>Prototype and build frame structures, showing awareness of how to strengthen, stiffen and reinforce.</p>	<p><b>Card Making</b></p> <p>Use more complex pop-ups</p> <p>Cut internal shapes</p>	<p><b>Textiles</b></p> <p>Explain how fashions and fabrics have changed over time and how this has affected fashions.</p> <p>Use a simple pattern to create a life-sized item of clothing.</p>	<p><b>Structures (shell)</b></p> <p>Prototype and build shell structures.</p> <p>Describe how a product could be made better, stronger or more sustainable.</p>	<p><b>Mechanisms</b></p> <p>Use pulleys, levers and linkages in their products.</p> <p><b>Electricity</b></p> <p>Build models incorporating motors.</p>	<p><b>Food Technology</b></p> <p>Make healthy eating choices and explain why.</p> <p>Explain processes foods go through</p> <p>Measure &amp; weigh ingredients</p>
Year 5	<p><b>Structures (frame)</b></p> <p>Techniques for building different frameworks using a range of materials</p>	<p><b>Card Making</b></p> <p>Combine materials-temporary or fixed joints.</p>	<p><b>Textiles</b></p> <p>Create a 3-D product- range of materials and sewing techniques.</p>	<p><b>Structures (frame)</b></p> <p>Build a framework using a range of materials to support mechanisms.</p>	<p><b>Mechanisms</b></p> <p>Use cams or gears in their products.</p>	<p><b>Food Technology</b></p> <p>Combine food ingredients</p> <p>Evaluate meals</p>

# DESIGN & TECHNOLOGY CURRICULUM MAP

2023 - 2024



				<p><b>Electricity</b> Build models incorporating switches to turn on and off.</p>		<p>Explain why times of year particular foods are in season.</p>
Year 6	<p><b>Structures (frame)</b></p> <p>Describe how an individual in the field of design and technology has helped shape the world.</p> <p>Join materials using the most appropriate method for the material or purpose.</p>	<p><b>Card Making</b></p> <p>Combine materials with moving joints.</p>	<p><b>Textiles</b></p> <p>Research cultural traditions.</p> <p>Combine fabrics to create more useful properties and make a product of high quality.</p>	<p><b>Structures (frame)</b></p> <p>Select the most appropriate materials and frameworks for different structures.</p> <p><b>Electricity</b> Design using most appropriate electrical systems.</p>	<p><b>Mechanisms</b></p> <p>Select the most appropriate mechanical system for a particular purpose.</p>	<p><b>Food Technology</b></p> <p>Plan how they can have a healthy/affordable diet</p> <p>Explain how ingredients were grown, reared, caught and processed.</p>