



SAPPERTON DESIGN & TECHNOLOGY CURRICULUM

DT Long Term Plan Year A 2025-2026

Term	Autumn 2	Spring 2	Summer 2
EYFS Year 1 and 2	<p style="text-align: center;">Food</p> <p>Preparing fruit to create a festive rocky road cake (including cooking and nutrition requirements for KS1).</p> <p style="text-align: center;"><i>To design, make and evaluate a healthy rocky road</i></p>	<p style="text-align: center;">Structures</p> <p>Freestanding structures</p> <p style="text-align: center;"><i>To design and create a bridge to join two buildings/two pieces of land together</i></p>	<p style="text-align: center;">Mechanisms</p> <p>Sliders and levers</p> <p style="text-align: center;"><i>To design and create a moving picture story</i></p>
Year 3 and 4	<p style="text-align: center;">Food</p> <p>Healthy and varied diet (including cooking and nutrition requirements for KS2)</p> <p style="text-align: center;"><i>To design and bake gingerbread biscuit tree decorations</i></p>	<p style="text-align: center;">Structures</p> <p>Shell structures (including computer-aided design)</p> <p style="text-align: center;"><i>To make a single box and lid to hold a precious gift/item</i></p>	<p style="text-align: center;">Mechanical Systems</p> <p>Levers & Linkages</p> <p style="text-align: center;"><i>To design and make a moving toy</i></p>
Year 5 and 6	<p style="text-align: center;">Food</p> <p>Celebrating culture and seasonality (including cooking and nutrition requirements for KS2)</p> <p style="text-align: center;"><i>To explore, adapt and create personalised mince pies</i></p>	<p style="text-align: center;">Structures</p> <p>Frame structures</p> <p style="text-align: center;"><i>Knex challenge</i></p>	<p style="text-align: center;">Mechanical systems</p> <p>Pulleys, gears or cams</p> <p style="text-align: center;"><i>To design a fairground ride (Ferris wheel/merry-go-round)</i></p>

DT Long Term Plan Year B 2026-2027

Term	Autumn 2	Spring 2	Summer 2
EYFS Year 1 and 2	<p>Textiles Templates and joining techniques</p> <p><i>Design and make a traditional Christmas tree decoration using the sewing technique of attaching two pieces of fabric</i></p>	<p>Mechanisms Wheels and axis</p> <p><i>Create a vehicle to travel along all-weather terrains</i></p>	<p>Food Preparing fruit and vegetables (including cooking and nutrition requirements for KS1)</p> <p><i>To design a healthy snack to take to a Teddy Bear's picnic</i></p>
Year 3 and 4	<p>Textiles 2-D shape to 3-D product</p> <p><i>Design and make a festive holder for pencils using stitch, zip or button</i></p>	<p>Electrical Systems Simple circuits and switches (including programming and control)</p> <p><i>Make a night light or light display that can be kept on a bedside table</i></p>	<p>Food Healthy and varied diet (including cooking and nutrition requirements for KS2)</p> <p><i>Plan a bread-based sandwich for lunch which is healthy AND varied. Include one item that could be eaten during Stone Age</i></p>
Year 5 and 6	<p>Textiles Combining different fabric shapes (including computer-aided design)</p> <p><i>Create a Christmas stocking</i></p>	<p>Electrical Systems Using more complex switches and circuits (including programming, control and monitoring)</p> <p><i>Design, create and evaluate a simple alarm</i></p>	<p>Food Celebrating culture and seasonality (including cooking and nutrition requirements for KS2)</p> <p><i>To prepare a summer banquet to celebrate the departure from primary school onto new pastures (summer-related items, e.g., Cream tea/scone making?)</i></p>