

Design and Technology - Long Term Overview 2024-2025

	Year 1	Year 2	LKS2 Cycle A - 3	LKS2 Cycle B -4	UPKS2 Cycle A -5	UPKS2 Cycle B -6
Autumn	<p>Chair building Free Standing Structures</p> <p style="text-align: center;">Structures</p>	<p>Seasonal decoration Templates and joining techniques</p> <p style="text-align: center;">Textiles</p>	<p>Packaging Shell structures CAD</p> <p style="text-align: center;">Structures</p>	<p>Greeting cards Leavers and Linkages</p> <p style="text-align: center;">Mechanisms</p>	<p>Hill Avenue Bake off Bread making - kneading and proofing</p> <p style="text-align: center;">Food technology</p>	<p>Motor driven vehicles Monitoring and control</p> <p style="text-align: center;">Electrical systems</p>
Spring	<p>Moving books Sliders and Leavers (linked to English - Smartest Giant in Town)</p> <p style="text-align: center;">Mechanisms</p>	<p>Vehicles Wheels and axels (Fire Engine – linked to History)</p> <p style="text-align: center;">Mechanisms</p>	<p>Savoury muffins Mixing and baking</p> <p style="text-align: center;">Food technology</p>	<p>Electrical games Circuits and switches</p> <p style="text-align: center;">Electrical systems</p>	<p>Designing a tablet/ iPad case CAD</p> <p style="text-align: center;">Textiles</p>	<p>Moving Toys Cams</p> <p style="text-align: center;">Mechanisms</p>
Summer	<p>Fruit Kebab Preparing fruit</p> <p style="text-align: center;">Food technology</p>	<p>Sandwiches Healthy and varied diet (Linked to History - World Exploration)</p> <p style="text-align: center;">Food technology</p>	<p>Light box Simple circuits and switches</p> <p style="text-align: center;">Electrical systems</p>	<p>Purse/wallet 2D shape – 3D product</p> <p style="text-align: center;">Textiles</p>	<p>Bridges Frame Structures (Linked to History – Bridge North)</p> <p style="text-align: center;">Structures</p>	<p>Woolton Pie Celebrating Culture and Seasonality (Linked to History – WW2)</p> <p style="text-align: center;">Food technology</p>