



Design and Technology Whole School Long Term Overview

Year Group	A1	A2	Sp1	Sp2	Su1	Su2
EYFS Block A		Food: Prepare fruits and vegetables Christmas Feast- fruit kebabs / wreaths & biscuits		Structures / Mechanisms: Beehives and bees (Recycled Models & moving parts)		Textiles: Weaving
EYFS Block B		Food: Pizza faces	Structures / Mechanisms: Homes and Hinges (Fairy homes & doors, doors on homes)		Textiles: Exploring and joining textiles. <i>(Investigate what works)</i>	
KS1 Block A	Textiles <i>Template and Joining</i> Making puppets <i>Designer:</i> Henry Holland <i>(Ramsbottom designer)</i>			Food <i>Preparing fruits and vegetables</i> Explorers Picnic – vegetable cous cous & sandwiches using seasonal fruit or vegetables <i>Links to Science topic</i>		Mechanisms <i>Sliders and Levers</i> Sandcastles at the seaside <i>Links to History topic</i>
KS1 Block B		Food <i>Preparing fruits and vegetables</i> Smoothies- <i>Chef: Joe Wicks</i>		Mechanisms Wheels & Axels Model aeroplanes <i>Links to History topic</i> <u>Leonardo DaVinci & Wright Brothers</u>		Structures Free Standing Beach Huts <i>Links to Geography and English topic</i>
LKS2 Block A	Mechanisms <i>Levers, pulleys, winding mechanisms, pneumatics</i>	Structures <i>Stiffening, reinforcing</i>		Food <i>Healthy and varied diet</i> Making bread & soup		

	<p>Moving Animals</p> <p><i>Links to Geography topic</i></p>	<p>Frames and axles</p> <p>Engineer: <u>Stephenson's</u> <i>(Robert & George)</i></p>		<p><i>Chef: Jamie Oliver</i></p>		
<p>LKS2 Block B</p>	<p>Electrical Systems</p> <p>Simple circuits & switches</p> <p>Night Light for a toddler</p> <p><i>Links to Science topic</i></p> <p>Inventor: <u>Thomas Edison</u></p>	<p>Textiles</p> <p>2D to 3D</p> <p>Sewing a Christmas decoration (with filling)</p> <p><i>Links to Christmas</i></p> <p>Designer: <u>Alexander McQueen</u></p>		<p>Food</p> <p>Healthy and varied diet/celebrating culture</p> <p>Mediterranean Meze</p> <p>Dips</p> <p><i>Links to Geography topic</i></p>		
<p>UKS2 Block A</p>		<p>Structures</p> <p><i>Stiffening, reinforcing/frames</i></p> <p>Bridges</p> <p>Engineer: Romans / Brunel</p>		<p>Food</p> <p>Celebrating Culture / Food storage</p> <p>Lancashire Hotpot</p> <p><i>Bury market Focus</i></p> <p>Chef: Fanny Cradock / Hairy Bikers</p> <p><i>& local history of Bury Market</i></p>	<p>Mechanisms</p> <p>Pulleys & CAMS</p> <p>Viking Long Boats</p> <p><i>Links to History topic</i></p>	
<p>UKS2 Block B</p>		<p>Electrical Systems</p> <p>More complex circuits & switches</p> <p>Moon Buggy to carry a passenger</p> <p><i>Links to Science topic</i></p> <p>Engineer: NASA</p>	<p>Textiles</p> <p>Combining skills and materials</p> <p>Mobile Phone pouch</p> <p>Designer: <u>Vivienne Westwood</u></p>		<p>Food</p> <p>Celebrating culture</p> <p>Road Trip USA</p> <p><i>-Making burgers & pie</i></p> <p><i>Links to Geography topic</i></p>	

Green underlined are inventors to remember and retain over time. Others are for exposure.