



## Design and Technology Whole School Long Term Overview

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

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

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