



**St John's COE Primary School**  
**DRAFT: Design and Technology Long Term Plan**  
*Creative tomorrows are designed today*

	Term 1	Term 2	Term 3	Term 4	Term 5	Term 6
Year R	<p><b>How will Incy Wincy get up and down his spout?</b> Nursery rhymes sliding pictures.</p>	<p><b>Where are stories set?</b> Create a shoe box story setting</p> <p><b>Who was Guy Fawkes?</b> Design and make a firework rocket.</p> <p>Build the Houses of Parliament.</p>	<p><b>How can Evil Pea be stopped?</b> Create a trap to capture 'The Evil Pea' from junk modelling/ construction resources.</p> <p><b>Why do superheroes need a mask?</b> Create a mask and cape for a superhero.</p>	<p><b>What is an Easter garden?</b> Design and make a miniature Easter garden.</p> <p><b>Why do we celebrate Mother's Day?</b> Design and make a clay pot for mummy.</p>	<p><b>Who is No-Bot the Robot?</b> Design and make a route, then programme Beebot to get around. Which other toys can you programme?</p> <p><b>Is all fruit the same?</b> Explore and taste exotic fruit from Handa's Surprise. Do you like it? How can we eat it?</p>	<p><b>What food can we take to our hello picnic?</b> <i>Design and make part of a picnic to say hello to our new starters.</i></p>
Year 1		<p><b>How can Father Christmas navigate the UK?</b> Design, make and evaluate a landmark.</p>		<p><b>How and why do some picture books move?</b> Design, make and evaluate a moving picture books – sliders/ levers.</p>		<p><b>What makes superheroes super?</b> Design, make and evaluate a healthy, celebratory picnic for a mission accomplished superhero!</p>
Year 2	<p><b>What can I eat to stay healthy?</b> Design, make and evaluate a fruit salad.</p>	<p><b>Where will Father Christmas put my presents?</b> Design, make and evaluate a Christmas stocking.</p>	<p><b>How can an astronaut transport his moon rocks?</b> Design and make a Moon Buggy for an astronaut to transport his moon rocks.</p>			
Year 3	<p><b>Where does our food come from?</b> Design, make and evaluate a healthy sandwich (visit from Warburtons) Link with Geography.</p>		<p><b>How can we package a gift?</b> Design, make and evaluate a 3D gift box for Mothers Day/Easter. (links with Mathematics)</p>			<p><b>What can we use to make a bookmark?</b> Design, make and evaluate a bookmark using a variety of stitches</p> <p><b>What food could you make for a class picnic?</b></p>

						Design, make and evaluate sandwiches for a picnic.
Year 4		<p><b>How can we make toys interactive?</b> Design, make and evaluate an 'Iron Man' model with electrical features for a child to play with.</p>			<p><b>How did the Romans defeat their enemies?</b> Design, make and evaluate a catapult for a Roman soldier to lay siege to an enemy city.</p>	<p><b>How can an Amazon explorer stay fed in the jungle?</b> Design, make and evaluate a portable meal for an Amazon explorer.</p>
Year 5		<p><b>How did the Anglo Saxons prepare their food?</b> Prepare bread and cook it on an open fire for an Anglo Saxon.</p> <p>Anglo-Saxon plate weaving.</p>			<p><b>How did the Highway man carry his bounty?</b> Design, make and evaluate a sturdy purse for the Highway man.</p>	<p><b>How can we cross the water without getting wet?</b> Design, make and evaluate a structure to help transport you over the water.</p>
Year 6		<p><b>How can we light up our frame built cars?</b> Design, make and evaluate a car with light-up headlights.</p> <p><b>How can we showcase our work?</b> Design, make and evaluate a picture frame structure for our moving vehicles.</p> <p><b>How did rationing in WW2 affect the food on the table?</b> Design, make and evaluate a seasonal stew using authentic rationed goods.</p>	<p><b>How does mankind affect the natural environment?</b> Design, make and evaluate a textile collage.</p>			