

Design Technology Long Term Plan.

Year Group	Autumn		Spring		Summer	
	Term 1	Term 2	Term 1	Term 2	Term 1	Term 2
EYFS	<p align="center">Cardboard Focus – Joining techniques</p>		<p align="center">Textiles Focus – threading / simple running stitch / weaving</p>		<p align="center">Wood Focus – Construction - structures using wood / cable reels etc.</p>	<p align="center">Wood Focus – Using basic woodworking tools safely.</p>
Year 1	<p align="center">Structures POAP - Freestanding structures</p> <p>Links to class story 'The Secret Sky Garden'.</p> <p align="center">Design & create a model garden.</p>	<p>Art</p>	<p align="center">Mechanisms POAP - Sliders and Levers</p> <p>Links to main topic – Is A Bat A Bird? – Animal classification.</p> <p align="center">Moving pictures – Animals</p>	<p>Art</p>	<p align="center">Food POAP - Preparing fruit and vegetables.</p> <p>Links to main topic - What can we grow in the UK?</p> <p align="center">Fruit Kebabs</p>	<p>Art</p>
Year 2	<p align="center">Art</p>	<p align="center">Mechanisms POAP -Wheels and axles.</p> <p>Links to main topic – Castles.</p> <p align="center">Castle with moving drawbridge and cannon ball launchers with wheels and axles</p> <p align="center">Materials used – cardboard & wood</p>	<p align="center">Art</p>	<p align="center">Art</p>	<p align="center">Art</p>	<p align="center">Textiles POAP - Templates and joining techniques</p> <p>Links to main topic – Victorian Seaside (Punch & Judy shows)</p> <p align="center">Glove puppets</p> <p align="center">Materials used – Felt fabric</p>
				<p align="center">Food POAP - Preparing fruit and vegetables.</p> <p>Links to main topic - Chocolate.</p> <p align="center">Design own Fruity Chocolate Snack Bar Treat</p>		
Year 3	<p>Art</p>	<p align="center">Food POAP - Healthy and varied diet</p> <p>Links to science topic - Healthy Eating</p> <p align="center">Colourful salads</p>	<p>Art</p>	<p align="center">Textiles POAP - 2D shape to 3D product</p> <p>Stand-alone unit.</p> <p align="center">Pencil cases</p> <p align="center">Materials used - fabric</p>	<p>Art</p>	<p align="center">Structures POAP - Shell Structures or Shell Structures using CAD</p> <p>Stand-alone unit.</p> <p align="center">Gift Boxes Materials used – cardboard.</p>

Year 4	Art	<p>Mechanical systems POAP – Sliders and Levers</p> <p>Links to *** topic -</p> <p>Pop up / moving topic Books</p> <p>Materials used – cardboard & paper</p>	<p>Electrical Systems POAP - Simple circuits and switches or Simple programming and control.</p> <p>Links to science topic – Electricity</p> <p>Design & create a game which uses a simple electrical circuit with a switch to control it.</p> <p>Materials used – cardboard and electrical components.</p>	Art	Art	<p>Food POAP - Healthy and varied diet</p> <p>Links to WW2 topic</p> <p>Recipes using WW2 rationed ingredients</p>
Year 5	Art	<p>Textiles POAP - Combining different fabric shapes or Using CAD in textiles.</p> <p>Links to recycling topic and topic question – Can we have an eco-friendly Christmas?</p> <p>A bag as a gift for someone.</p> <p>Materials used – Recycled fabric.</p>	Art	<p>Food POAP - Celebrating culture and seasonality Links to Ancient Greece topic</p> <p>Making a traditional Greek dish</p>	<p>Structures POAP - Frame structures and Pulleys or Gears.</p> <p>Links to topic about Temple Newsam thinking about the birds in the grounds of the house.</p> <p>Bird hides. Materials used - wood and fabric.</p>	Art
Year 6	Art	<p>Electrical systems POAP - More complex switches and circuits or Monitoring and Control.</p> <p>Links to science topic – Electricity.u</p> <p>A decoration for a religious ceremony with light, sound and movement.</p> <p>Materials used – cardboard & electrical components</p>	Art	SATs focus	<p>Summer Term</p> <p>1 Art & 2 DT units.</p> <p>Art</p> <p>DT 1. Food</p> <p>POAP - Celebrating culture and seasonality Links to topic on Italy.</p> <p>Italian style bread.</p>	<p>DT 2. Mechanical systems</p> <p>POAP – Cams Links back to Literacy text – Pip Davenport’s Fairground Inventions.</p> <p>A Fairground Ride</p> <p>Materials used – wood and cardboard</p>

Units with an orange background are taught by our Design Technology Subject Lead.