

Design Technology Curriculum Overview



	Year 1	Year 2	Year 3	Year 4	Year 5	Year 6
Autumn 2	<p>Happy Homes Chn to look at shelters and homes from around the world. Investigate materials they are made from. Create objects for inside their home using plasticine/ modelling clay, lego etc.</p>	<p>Simple Salads and soups Chn to research different foods grown locally. Focus on food preparation eg: chopping, peeling, mixing and spreading.</p>	<p>Balloon-Power Chn to design and make their own car propelled by a balloon. Explore axles and wheels. Chn to measure/ saw and join wood to create wooden frame.</p>	<p>Light up Lamps Investigate different types of lights eg torches, lamps, LEDs, fairy lights etc. Chn to design and create their own winter light using cut shadow scene and simple electric loom.</p>	<p>Baking Bread Investigate various recipes and alter recipe according to different ingredients. Consider allergies (gluten/dairy) and cultures.</p>	<p>Celebrating culture and seasonality Chn plan, cook and eat a healthy lunch. Considering cultural differences (halal meat/no pork or beef)</p>
Spring 2	<p>Snappy Snacks Chn to investigate different recipes. Producing healthy snacks using oats, honey and various fruits.</p>	<p>Winding Winches Chn to investigate a variety of winding mechanisms and pulley systems. Design and make a box with a moving part</p>	<p>World Cuisine Pizza Parlour Chn design and create recipe for bread. Investigate pizza menus and choose selection of different toppings to add to base. Food preparation e.g. grating slicing,</p>	<p>Fabulous Flowers Chn to look at various ways of manipulating paper – folding tearing, corrugated, twisted, creating spirals etc. Chn to design and make a fake flower using skills, plus template cutting and strengthening.</p>	<p>Moving Mechanisms. Chn to look at mechanisms that use cams, pulleys, handles and axles to create a movement. Design and make a toy that moves,</p>	<p>Plastic Whale Chn to use environmental topic of Plastic Pollution to create a big plastic whale using recyclable materials.</p>

<p>Summer 2</p>	<p>Whizzing Wheels Chn to investigate. Children to design and make their own vehicle with wheels and axles</p>	<p>Perfect Puppets Chn to design and create their own hand puppet. Chn to pattern cut and sew fabrics pieces joining together using stitching/gluing.</p>	<p>Pretty Packaging Research variety of existing products. Chn to design and create a container for a new healthy snack bar, including net and design of branding.</p>	<p>Healthy Smoothies and a healthy snack Chn research locally sourced plan and make a healthy 'lite-bite'. Something to eat and something to drink. Consider food intolerances.</p>	<p>Cushion Covers Research different fabrics and how created. Explore different fabric printing techniques. Chn to design and create their own fabrics. Pattern cutting and sewing.</p>	<p>Controllable Cars Chn to design and create electronic car, Research different cars design and different electrical systems on a car. Chn to create framework using wood and join together, Create an electric motor.</p>
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