

## Curriculum Overview Design and Technology

	<u>Autumn 1</u>	<u>Autumn 2</u>	<u>Spring 1</u>	<u>Spring 2</u>	<u>Summer 1</u>	<u>Summer 2</u>
Nursery	<u>Expressive Arts and Design</u> Using dough	<u>Expressive Arts and Design</u> Making wheeled toys  <u>Understanding of the World</u> Cook Diwali sweets	<u>Expressive Arts and Design</u> Cooking a vegetable soup  <u>Understanding of the World</u> Explore how things work.	<u>Expressive Arts and Design</u> Making scrambled egg Split pin eggs and chicks Explore materials and textures	<u>Expressive Arts and Design</u> Play dough cacti Making stick puppets Make imaginative and complex 'small world'. Junk modelling animal	<u>Expressive Arts and Design</u> Junk modelling- bags etc for holiday  <u>Understanding of the World</u> Beaches-collection of materials (shells, sand, stones)  <u>Physical Development</u> Learning to use a knife and fork- fruit salad and making picnic sandwiches
Reception	<u>Expressive Arts and Design</u> Making play dough			<u>Understanding of the World</u> Materials  <u>Expressive Arts and Design</u> Split pin wheeled toys 3D vehicles	<u>Understanding of the World</u> Changing materials – cooking	<u>Understanding of the World</u> Building 3D homes from varied materials
Year 1		<b>Moving Mini-Beasts:</b> sliding mini-beasts, pinwheel rotating movements and movable butterflies <i>(linked to Science)</i>		<b>Food: Fruit and Vegetables –</b> make a smoothie  <i>(linked to PSHE)</i>		<b>Homes:</b> creating, constructing, cutting, building and strengthening <i>(linked to D&amp;T)</i>
Year 2		<b>Pizza making</b> Create a healthy pizza using alternative base (not dough) pitta, cauliflower, naan, polenta, including writing the recipe <i>(linked to PSHE and Science)</i>		<b>Puppets</b> Make finger puppets of a comic book villain including writing instructions <i>(linked to Literacy)</i>		<b>Make a fire engine</b> Make a moving vehicle with an axle and wheels, including an explanation text <i>(linked to History)</i>
Year 3		Moving monsters: Use Pneumonic power (balloons, syringes)  <i>(linked to English)</i>  Crumble <i>(linked to Computing)</i>	Bread and Sandwich making: Create a variety of sandwiches. Use breads that are not white but are varied		Photo frames: Create a photo frame using wood and saws. Add textiles to give detail  <i>(linked to Geography)</i>	
Year 4			<u>Moving books</u> Create a story book that moves or has moving parts. Lift the flap. Concertina pop outs. Rotating mechanism  <i>(linked to characters in Varjak Paw)</i>	<u>Seasonal foods</u> Create a variety of seasonal food items  <i>(linked to PHSE)</i>	<u>Torches</u> Make a torch using electrical circuits. <i>(linked to Science)</i>	

<p><b>Year 5</b></p>	<p>Building bridges - Sketch bridges, explore diagrams, use saws/straws to build bridges</p> <p><i>(linked to Geography Spring 1)</i></p>			<p>Bread making – Mix, knead, plait, roll and twist dough and make bread. <i>(linked to Science: how ingredients are changed in cooking process)</i></p>		<p>Fashion and Textiles – Using fabrics and running stitch/ blanket stitch to join two pieces together.</p> <p><i>(linked to Science: South American designs / animals)</i></p>
<p><b>Year 6</b></p>	<p>Shelters - Cut, saw, stick, build join materials to make a shelter</p> <p><i>(linked to English and History)</i></p>		<p>Create your own pasta dish &amp; sauce – The Victorian way!</p> <p><i>(linked to English and History)</i></p> <p>Write a set of instructions for their creation.</p>			<p>Fairgrounds - create a fairground ride using moving mechanisms. Circuits and motors.</p> <p><i>(linked to Science)</i></p>