

Design Technology Curriculum Overview - EYFS

	Unit	Details
Autumn One	Me and My World	<p>In Autumn term we explore a range of malleable materials, starting with playdough where we use a range of tools to affect changes for a desired outcome e.g. autumn leaves. We then progress to using air drying clay to make leaf prints, and Diya lamps as part of our exploration of the festival of Diwali. Further festival exploration of Harvest provides us the opportunities to make vegetable soup, cutting vegetables as well as stirring and mixing. Through our autumnal programme of learning, we design and make hedgehog homes to support our local wildlife, where we begin to learn about the different ways to stick and join. We begin to develop our control over tools such as scissors through making story puppets, cutting around characters and sticking them to lolly pop sticks. Our hand eye coordination is further challenged as we are introduced to hammers, adding nail spikes to our wooden hedgehogs and being in charge of our own risk assessments; ensuring we follow the rules to keep us safe.</p> <p>We enjoy 3D models using a range of construction such as Lego, Duplo and Sticklebricks, as we build up and then begin to create enclosures.</p>
Autumn Two	Autumn Celebrations/Winter Wonderland	
Spring One	Once upon a Time	<p>We further develop our knowledge of cooking and begin to follow basic recipes to make our own gingerbread men after having designed them and written the recipe. We also knead dough in a real life experience to make bread, with the help from our story The Little Red Hen. As part of our Bugs, Buds and Blooms topic, we design and create disgusting sandwiches in our mud kitchen; following the recipe and labelled designs. In order to ensure our Gingerbread Men biscuits do not run away, we plan, design and build our own gingerbread man traps using reclaimed materials and apply our knowledge of joining and sticking independently in our work. During the period of Chinese New Year, we enjoy making our own concertina dragon puppets, putting our scissor skills to the test. Reception engage in STEM sessions where we find solutions to problems such as building a bridge for the gingerbread man to cross the river and begin to reason why we choose particular materials as well as review if we could improve our models with support.</p>
Spring Two	Bugs, Buds and Blooms	
Summer One	Globetrotter	<p>As we develop our construction techniques, we follow pictorial instructions to create a rocket as we explore transport. We then use reclaimed materials to design and make rockets at first then pirate ships, reviewing our designs and material choices and articulating our ideas, ensuring our boats are waterproof and do not sink. We continue to practise using small tools with increasing control and accuracy, using construction car kits with small tools, large wooden vehicle kits and manual hand drills in our outdoor learning space.</p>
Summer Two	Treasure	