

Topic	Reception		Year 1		Year 2		Notes
	Skills/knowledge progression	Link to EYFS	Skills/knowledge progression	Link to national curriculum	Skills/knowledge progression	Link to national curriculum	
Tools	<p>Safely using scissors Using tools such as paintbrushes, pens and pencil with control – busy fingers activities.</p> <p>Making friendship bracelets – threading coloured straws</p> <p>Using different media and techniques to make Christmas cards and decorations</p> <p>Making sock teddies - using glue gun</p>	<p>Uses simple tools and techniques competently and appropriately.</p> <p>Understands that different media can be combined to create new effects.</p> <p>Manipulates materials to achieve a planned effect</p>	<p>Independently use a hole punch sandpaper hammers screwdrivers hand drills saws (with an adult)</p> <p>Use these skills to complete a projects</p>	<p>Make - select from and use a range of tools and equipment to perform practical tasks [for example, cutting, shaping, joining and finishing</p>			
Structures	<p>Building and designing in the construction area using different techniques and materials.</p> <p>Making a hedgehog home using leaves and sticks.</p> <p>Junk modelling – making castles and other CIL designs</p>	<p>Selects tools and techniques needed to shape, assemble and join materials they are using.</p> <p>Selects appropriate resources and adapts work where necessary.</p> <p>Manipulates materials to achieve a planned effect.</p>	<p>Explore how 2D shapes form 3D shapes Explore how strong 3D shapes are Explore how to make 3D shapes stronger Look at and generate ideas from existing structures. Use their knowledge of shape to build small then large structures. Constantly evaluate to ensure stability Learn how to make slots in cardboard to construct 3D models. Practise and develop using this skill.</p>	<p>Design - generate, develop, model and communicate their ideas through talking, drawing, templates, mock-ups.</p> <p>Evaluate - build structures, exploring how they can be made stronger, stiffer and more stable. Evaluate their ideas and products against design criteria Technical knowledge</p>			

		Constructs with a purpose in mind, using a variety of resources.		Make - select from and use a range of tools and equipment to perform practical tasks [for example, cutting, shaping, joining and finishing		
Mechanisms			Camouflage pop ups Sliding animal pictures	explore and use mechanisms [for example, levers, sliders, wheels and axles], in their products.	Investigate levers and winding mechanisms Make a castle with drawbridge and catapult Investigate wheels and axles using meccano, lego and other construction kits Make a beach buggy	Design purposeful, functional, appealing products based on design criteria. Generate, develop, model and communicate their ideas . Evaluate explore and evaluate a range of existing products evaluate their ideas and products against design criteria Use mechanisms [for example, levers, sliders, wheels and axles], in their products.
Food technology	Mini apple pies - focus for the story book 'enemy pie' Gingerbread men - focus on the story		Make bread – learn where flour comes from. Make pumpkin soup – know that a pumpkin is a fruit. Plant the seeds. Make fruit kebabs for a friend and smoothies with leftovers – design a	Make - select from and use a range of tools and equipment to perform practical tasks [for example,	Make vegetable soup using produce from the school garden Make pizza – make dough and choose healthy toppings- use herbs from the school herb garden	To understand where food comes from. Use the basic principles of a healthy and varied diet to prepare a

			<p>product using a questionnaire of likes and dislikes and considering the aesthetics of the product. Evaluate product</p> <p>Make rock cakes Make tortilla wrap pizzas – make healthy choices for toppings</p>	<p>cutting, shaping, joining and finishing] Design - design appealing products for themselves and other users based on design criteria</p> <p>Evaluate - evaluate products against design criteria</p> <p>Technical knowledge use the basic principles of a healthy and varied diet to prepare dishes</p>	<p>Make Ragu sauce-using seasonal vegetables grown in the school garden</p> <p>. Make a range of seasonal dishes with produce from the school gardens</p>	<p>simple dish. To prepare a dish using affordability as the principle for later life.</p>	
Sewing			<p>Make Christmas stockings</p> <p>Practise running stitch on Binka – sew round edges.</p> <p>Make felt dinosaurs</p>	<p>Make - select from and use a range of tools and equipment to perform practical tasks [for example, cutting, shaping, joining and finishing]</p>	<p>Scent bags- practise different joining skills</p> <p>Make felt fish- running stitch on binka moving on to cross stitch and embellishment for decoration.</p>	<p>Make - select from and use a range of tools and equipment to perform practical tasks [for example, cutting, shaping, joining and finishing]</p>	