







Design

Make

Evaluate

Technical knowledge


DT	AUTUMN		SPRING		SUMMER		Key Objectives:	Key Vocabulary:
Year	1	2	1	2	1	2		
3	Hedgehog craft skills: Cutting & sticking  Puppets	Hedgehog paper craft/hanging decorations		Photo frames  			<p>I can design a product and make sure it looks attractive.</p> <p>I can follow step-by-step plans – choosing equipment and materials.</p> <p>I can work accurately to measure, make cuts and make holes.</p> <p>I can choose a material for suitability/appearance.</p> <p>I can prove that my design meets some of the set criteria.</p> <p>I can apply my understanding of how to strengthen, stiffen and reinforce more complex structures.</p>	Cutting, sticking, strengthen, stiffen, structure, reinforce,
4		Cams (Diwali) & Levers  	Food Technology  		Pneumatics – Iron Giant Creation  		<p>I can produce a plan and explain it</p> <p>I can use ideas from other people when I am designing</p> <p>I can measure accurately</p> <p>I am determined and adapt my work when my original ideas don't work</p> <p>I can evaluate and suggest improvements for my design</p> <p>I can evaluate products for both their purpose/appearance</p> <p>I can explain how I have improved my original design</p> <p>I know how to be hygienic and safe when using food</p>	Hygiene, balanced diet, cams, levers, pivots, pneumatic, mechanical systems, utensils, protein, vitamins, carbohydrates, fats, dairy, nutrients.
5		Slippers  				Fruit cocktails/guacamole (Americas)  	<p>I can produce a detailed, step-by-step plan</p> <p>I can come up with a range of ideas after collecting information from different sources</p> <p>I can use a range of tools and equipment competently</p> <p>I can evaluate appearance &amp; function against original criteria</p> <p>I can suggest alternative plans; outlining the positive features and the draw backs</p>	Textiles, aesthetics, ingredients, stitching, joining, materials

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6		Mechanisms (Lego) 				Controllable vehicles	I can justify my plans in a convincing way I can use market research to inform my plans and ideas I can follow and refine my plans show that I can test and evaluate my products can evaluate my product against clear criteria I can explain how products should be stored and give reasons	Prototypes, electrical systems, mechanisms, driver, circuit, switch.
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