

YEAR 2 DT PROGRESS MAP

Year 3			
Concept	Autumn	Spring	Summer
	Food Healthy Sandwich	Mechanics Moving vehicle	Construction Photo Frame
<u>Famous inventor/ designer.</u>	John Montagu	Beatrice Schilling	Jasper Conran
<u>Design</u>	Design with purpose by identifying opportunities to design. Make products by working efficiently (such as by carefully selecting materials). Ensure designs have a clear, fit for purpose and intention. Create designs which inspire the intended user. Develop and generate ideas during design and include annotated designs/ exploded diagrams.		
<u>Make</u>	Prepare ingredients hygienically using appropriate utensils. Measure ingredients to the nearest gram accurately. Assemble ingredients	Use scientific knowledge of the transference of forces to choose appropriate mechanisms for a product (such as levers, winding mechanisms, pulleys and gears).	Choose suitable techniques to construct products or to repair items. Strengthen materials using suitable techniques.
		<u>Materials</u> Cut materials accurately and safely by selecting appropriate tools. Measure and mark out to the nearest millimetre. Apply appropriate cutting and shaping techniques that include cuts within the perimeter of the material (such as slots or cut outs). Select appropriate joining techniques	
<u>Evaluate</u>	To investigate a range of products, talk about what they like / dislike about the products. To talk about what went well with their design against the design criteria. What would the intended user evaluate the design/ product? How would you improve your product?		
<u>Technical knowledge</u>	Explore and use some of the healthy principles of a healthy a diet. To understand how bread is made.	To understand and use a mechanical movement in my product.	To know how to make a circuit.

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	To understand hygiene requirements when preparing food.		
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