

3. Design and Technology Milestone 1 Record Sheet Class

Pupils not meeting the minimum expected requirements	Expected requirements Milestone 1 (Expected standard Year 1 and Year 2)			Pupils exceeding the minimum expected requirements
	To master practical skills			
	Food: Cut, peel, spread or grate ingredients safely and hygienically. Measure or weigh using measuring cups or electronic scales. Assemble or cook ingredients.			
	Materials: Cut materials safely using tools provided. Measure and mark out to the nearest cm. Demonstrate a range of cutting and shaping techniques (tearing, cutting, folding, snipping and curling). Demonstrate a range of joining techniques (gluing, hinges or combining materials to strengthen).			
	Textiles: Shape using templates. Join using running stitch. Colour and decorate textiles.			
	Electricals and electronics: Diagnose faults in battery operated devices (low battery, water damage or battery terminal damage).			
	Computing: Model designs using simple software.			
	Construction: Use materials to strengthen and make products, practice folding, rolling, joining, arranging and gluing materials to strengthen and make. Use tools to screw safely.			
	Mechanics: Create products using levers, wheels or winding mechanisms.			
	To design, make, evaluate and improve			
	Design products that have a clear purpose and an intended user.	Make products, refining the design as work progresses.	Use software to design.	
To take inspiration from design throughout history				
Explore objects and designs to identify likes and dislikes of the designs.	Suggest improvements to existing designs.	Explore how products have been created.		