



Markland Hill Topic Overview for DT- LKS2 Year A

YEAR A		Autumn	Spring B	Summer A
Year 3 Year 4			US Dish Food and Nutrition Design use research and develop design criteria to inform the design of innovative, functional, appealing products that are fit for purpose, aimed at particular individuals or groups Make prepare and cook a variety of predominantly savoury dishes using a range of cooking techniques select from and use a wider range of materials and components, including construction materials, textiles and ingredients, according to their functional properties and aesthetic qualities Evaluate investigate and analyse a range of existing products Technical Knowledge Understand and apply the principles of a healthy and varied diet. Understand seasonality, and know where and how a variety of ingredients are grown, reared, caught and processed. End Points - I can select and prepare healthy ingredients to make a fruit/vegetable baked snack. - I can create my own recipe and follow it accurately. - I can assemble and cook my chosen ingredients. - I can evaluate my product in a taste test using appropriate vocabulary. I can suggest improvements to improve my product following a taste test.	Travelling purse/ bag Textiles/material Design generate, develop, model and communicate their ideas through discussion, annotated sketches, cross-sectional and exploded diagrams, prototypes, pattern pieces and computer-aided design Make select from and use a wider range of materials and components, including construction materials, textiles and ingredients, according to their functional properties and aesthetic qualities Evaluate Investigate and analyse a range of existing products End Points - I can measure and mark material and cut accurately using appropriate tools. - I can measure and mark out material to the nearest millimetre. - I can join pieces together with cross stitch to create a design. - I can carefully select materials for my product - I can refine my stitching techniques as my work progresses- running stitch, cross stitch and blanket stitch for some.



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			Design Make create Evaluate Technical name of products, names of equipment, utensils, Select research techniques and ingredients texture, taste, sweet, sour, hot, spicy, appearance, smell, preference, greasy, moist, cook, fresh, savoury, hygienic, edible, grown, reared, caught, frozen, tinned, processed, seasonal, harvested healthy/varied diet	Design Make create Evaluate Select Feature Flexible Generate style Technical fabric, names of fabrics, fastening, compartment, zip, button, structure, finishing technique, strength, weakness, stiffening, templates, stitch, seam, seam allowance
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