

FUNCTIONALITY PROBLEM SOLVING INNOVATION Year 2 - Subject planning overview: DT Textiles

Year	Unit/key question
2	How can I make a hanging mobile?
Enquiry questions	
How can we create an effective textile mobile? Can I design a mobile with all required elements? How can I join elements to each other?	Can I design, cut/make textile components for my mobile? Does my finished product reflect my design and meet the Design Brief?
Prior learning	Future learning
Use a template to create a design for a puppet Cut fabric neatly and safely with scissors Sequence steps for construction Demonstrate glueing and combining materials to strengthen Reflect on a finished product, explain likes and dislikes	Design making a template from an existing product and applying individual design criteria Measure & mark to nearest millimetre Selecting and cutting fabrics with ease using fabric scissors Sewing using pre learned stitches plus cross, back, star, hemming stitch to join fabric
What children need to know or do to be secure	
ESSENTIAL KNOWLEDGE Know that materials have functional and aesthetic qualities. Know how to identify strengths and areas to develop in their ideas and products against their design specification.	CORE KNOWLEDGE - I will: Join items using fabric glue or stitching. Identify benefits of these techniques Thread a needle Sew using a running stitch, with evenly spaced, neat, stitches to join fabric That a 3-D textiles product can be assembled from two identical fabric shapes SKILLS - I can: Measure & mark to nearest centimetre Demonstrate tearing, cutting folding & curling Glue using hinges Select and cut fabrics for sewing Make wool pom poms and decorate Evaluate the quality of the stitching on others' work Discuss as a class, the success of their project against the success criteria Identify aspects of their peers' work that they particularly like and why
Key vocabulary	

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Fast, slow, faster, slower, up, down, turn, wind up, design, draw, sketch, tools, fix, glue, attach, features	cloth, foam, felt, paper, tissue, string, wool, scissors, cut, thread, needle, pattern, stick, decorate	
Common misconceptions		
Tbc – not taught before		