

MTP – Design Technology – Year 3

Topic	What makes the earth angry? (DT Kapow: Cross-stitch and Applique - Textiles)				
N.C Learning Objectives	<p>Design Generate, develop, model and communicate their ideas through discussion, annotated sketches, cross-sectional and exploded diagrams, prototypes, pattern pieces and computer- aided 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.</p> <p>Make Select from and use a wider range of tools and equipment to perform practical tasks [for example, cutting, shaping, joining and finishing], accurately. Select from and use a wide range of materials and components, including construction materials, textiles and ingredients, according to their characteristics.</p> <p>Evaluate Evaluate their ideas and products against their own design criteria and consider the views of others to improve their work.</p>				
Ways of being Co-Op	Do what matters most Succeed together Be yourself, always Show you care				
British Values	Democracy Rule of Law Individual Liberty Mutual Respect Tolerance				
CRL					
Vocabulary	<u>Applique</u> When a fabric is applied on top of another to decorate it.	<u>Cross-stitch</u> A stitch formed of two stitches that cross each other.	<u>Template</u> A paper template is a shape used to mark out fabric for cutting.	<u>Seam Allowance</u> Seam allowance is the extra fabric between the stitching line and the edge of fabric which helps to prevent fraying.	<u>Running Stitch</u> A straight stitch that is created by passing the needle in and out of the fabric at regular intervals.

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Recap and Recall	Textiles: pouches <ul style="list-style-type: none"> - Sew a running stitch with regular-sized stitches and understand that both ends must be knotted. - Prepare and cut fabric to make a pouch from a template. - Use a running stitch to join the two pieces of fabric together. - Decorate their pouch. 		
	LEARNING OBJECTIVE	STICKY KNOWLEDGE FACT	CORE LEARNING
Lesson 1	We are learning to sew cross-stitch and appliqué.	Cross-stitch is stronger than the running stitch as it overlaps thread and requires more force to be pulled undone.	<ul style="list-style-type: none"> ● Make: Children can use cross-stitch; I know how to appliqué. ● Evaluate: Children can reflect on the techniques used.
Lesson 2	We are learning to design a product and its template.	A paper template can help designers cut their fabric to the correct size by pinning the paper to the fabric and cutting round it.	<ul style="list-style-type: none"> ● Design: Children can design a cushion. ● Make: Children can use a paper template ● Children can cut fabric accurately.
Lesson 3	We are learning to decorate fabric using appliqué and cross-stitch.	Applique should be securely sewn on with small, neat stitches kept close together.	<ul style="list-style-type: none"> ● Make: Children can follow design criteria ● Children can use cross-stitch ● Children can add appliqué.
Lesson 4	We are learning to assemble and complete a cushion	A seam is created by sewing a running stitch, normally 1cm from the edge of the fabric. This helps to stop the fabric fraying.	<ul style="list-style-type: none"> ● Make: Children can use stitches to join fabrics; I can leave space for a seam ● Design: Children can understand why some products are turned inside out after sewing
Outcome	Children to produce a cushion with a 1cm seam allowance (stitched with running stitch) that includes decorative elements such as applique, cross stitch or buttons/sequins.		