



Year Group	5	Term	Spring 2	Subject	D.T.	Topic	River belts
						Key Question	KQ: How can we be prepared for a River expedition?
Prior Learning and other Curriculum Links	<p>Year 2: I can design a purposeful, functional, appealing mail bag for myself/other users based on a design criteria. I can generate, develop, model and communicate my ideas through discussions, drawings, mock-ups and through the use of research (ICT) I can use a needle and thread to perform a running stitch and/or an overstitch to join fabrics together I can evaluate products I have made against the design criteria.</p> <p>Year 3: I can safely measure, mark out and cut materials with some accuracy. I can use a running stitch, back stitch and cross stitch to join and finish fabrics accurately. I can use my knowledge of existing products to design my own functional product.</p>					Target Tracker statements (Skills)	<ul style="list-style-type: none">-Use his/her research into existing products and his/her market research to inform the design of his/her own innovative product- Create prototypes to show his/her ideas- Make careful and precise measurements so that joins, holes and openings are in exactly the right place- Produce step by step plans to guide his/her making, demonstrating that he/she can apply his/her knowledge of different materials, tools and techniques- Make detailed evaluations about existing products and his/her own considering the views of others to improve his/her work

	I can investigate and analyse existing products and those that I have made, considering the design brief		
Fundamentals	I can create prototypes to evaluate my design and, to inform step by step plans for my final product; showcasing my knowledge of different materials, tools and techniques.	Key Facts/Sticky Knowledge	<ul style="list-style-type: none"> - Market research is when you research around your topic to see what is already available. - To know the 4 stitches: running stitch, backstitch, whipstitch, blanket stitch. - For something to be fit for purpose means that it does the job it is meant to. - A mock up is a prototype.
Our Curriculum Journey	Journey: The children will begin by completing some market research to see what products are already available. They will use this information to guide their own designs. They then move onto practising the running, backstitch, whipstitch and blanket stitch. Finally, they make their final river belt product and complete the evaluation.		
Key Vocabulary (revisited)	Appliqué Design Embroider Evaluate Fray Glove puppet Mock-up Seam Sew Template	Key Vocabulary (new)	Mock up Pattern or template Seam allowance Specification Tacking Working drawing

