




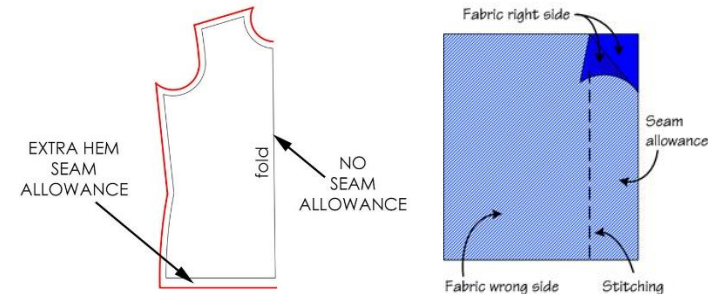
Area: Textiles	Year: 5	Subject: Design and Technology
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What should I already know? → how to do a cross, catch and ladder stitch → identify and compare natural and synthetic fibres → identify and use different fastenings	How will I use this learning in the future? In Year 5, I will learn about seam allowance and begin to make prototypes of my designs in order to identify improvements.	What vocabulary should I learn?
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What should I be able to do by the end?		awl a small pointed tool used for piercing holes
Designing -Decide which design idea to develop. Evaluating -Analyse a range of existing products and consider how it may have developed over time. -Consider the views of others when evaluating.	Join fabrics using a wide range of stitches. 	bias tape used to bind the seam or hem of a garment
		binding when tape is used to finish the seam or hem of a garment to stop it from fraying
		embroidery the craft of decorating fabric or other materials using a needle to apply thread
		pinking shears scissors with saw-toothed blades, which leave a zigzag edge
		prototype the first version of a product in which other forms are developed

		What should I know by the end?
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Create a prototype to identify strengths and areas of development before making a product. A prototype is an early sample or model created to test a concept or process. A prototype can show which aspects of a design may be difficult (or impossible) to implement. You will need to have a clear understanding of sizes, materials, seams and fastenings.	Understand pattern layout. This refers to the placement of pattern on the fabric in an economical manner (that is without wasting unnecessary fabric). All the patterns should be arranged properly following grain of the fabric. Press the fabric without any wrinkles before laying the patterns.	Seam allowance (sometimes called inlays) is the area between the fabric edge and the stitching line on two (or more) pieces of material being sewn together. Seam allowances can range from 6mm wide to as much as 6cm.
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Use a range of embroidery techniques.		Equipment:
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lazy daisy French knot woven wheel stem stitch satin stitch



bias tape awl pinking shears sewing machine