

Year Group	Topic	Lesson Content (Order)	What do pupils need to know	Skills utilised / subject disciplines	Cross Curricular Links / Transferable knowledge.	Assessment
10		Lesson 1	Introduction to the course Recap using the sewing machine Sewing machine practice			
	YEAR 10 PATCHWORK PROJECT	Lesson 2	Use a paper pattern to cut out squares for patchwork. Begin sewing them into rows of 5	Practical skills- using fabric shears Using the sewing machine	Maths DT	Accurate cutting out of squares
		Lesson 3	Continue to produce a piece of patchwork for use in producing their designed product. Improve on practical skills	Practical skills- using fabric shears Using the sewing machine		Accurate sewing using 1cm seam allowance
		Lesson 4	Create a mood board to help with designing a suitable product to make using patchwork fabric Design a product using a simple design specification	I.T and presentation skills Research techniques	Art and IT	Quality of design and annotation
			<i>Students will be split into two groups, one will complete theory the other practical and rotate</i>			
		Lesson 5+6	THEORY The categorisation and working properties of fibres and textiles. <ul style="list-style-type: none"> • The raw materials of textiles are classified according to their source. • Natural polymers • Animal polymers: wool/fleece – mohair, cashmere, angora, alpaca, camel (hair), llama. • Insect polymers: silk. • Plant polymers: cotton, linen, hemp, jute, bamboo, soya. 	Revision skills Note taking Q&A	Science	Revision questions and final exam

	PRACTICAL Begin to make patchwork product	Practical skills- using fabric shears Using the sewing machine	Maths	Quality of stitching
Lesson 7+8	THEORY <ul style="list-style-type: none"> • Manufactured polymers • Synthetic: acrylic, polyester, polypropylene, nylon (polyamide), elastane, Lycra, aramid fibres. • Regenerated: viscose, rayon, acetate, lyocell (Tencel®) 	Revision skills Note taking Q&A	Science	Revision questions and final exam
	PRACTICAL Continue with patchwork product	Practical skills- using fabric shears Using the sewing machine	Maths	Quality of stitching, size and shape of final piece of fabric
Lesson 9+10	THEORY <ul style="list-style-type: none"> • Microfibres – to include Tactel®, (Modal®). • Fibre blends • Mixed fibres • The properties of textiles fibres including, strength, elasticity, absorbency, durability, insulation, flammability, waterrepellence, anti-static and resistance to acid, bleach and sunlight. 	Revision skills Note taking Q&A	Science	Revision questions and final exam
	PRACTICAL Complete patchwork product and evaluation	Practical skills- using fabric shears Using the sewing machine	English	Overall quality of finished product assessed against specification and original design