Year 9 TEXTILES TECHNOLOGY

Overall Intent:

Countries and cultures slipper project: this project gives students the opportunity to research and investigate a country and culture of their choice, allowing students to take ownership of their own theme. Through investigations and sampling, students will look at different surface decoration techniques, understanding which techniques work on which types of materials. Using their investigations, informed decisions are made within the designing process. Students build on prior manufacturing knowledge and skills to create seams and gain enhanced construction skills through the use of a more detailed pattern and complex seam construction. Throughout this project, students extend their knowledge of industrial processes such as printing and dying methods as well as surface treatments and finishes and technical fabrics and their applications.

	Autumn 1	**Autumn 2**	**Spring 1**	**Spring 2**	**Summer 1**	**Summer 2**
Topic/Area of study	BRIEF ANALYSIS/RESEARCH MOOD BOARD AND PRESENTATION SURFACE DECORATION DYEING AND PRINTING	DESIGN DEVELOPMENT USE OF SEWING MACHINE SURFACE DECORATION MATERIAL ADVANTAGES AND DISADVANTAGES COMPANU INVESTIGATION	SURFACE DECORATION CONSTRUCTION LININGS SURFACE TREATMENTS AND FINISHES	The academic year is split in half and students rotate to food technology		
Key learning aims – knowledge and skills	**Key Knowledge:** Through research, students learn about the country and culture of the country of their choice. Students learn about several surface decoration techniques, such as tie dye, batik, fabric crayons and heat transfer painting. Students learn about the properties and uses of different materials. They learn about dyeing and	**Key Knowledge:** Students learn about pattern symbols such as notches. They learn more about material advantages and disadvantages, looking into the actual fabrics used in the project (polyester, cotton and fleece). They also learn about a company (Under Armour), with links to the industry and technical textiles. Developed design- developing detailed designs using the	**Key Knowledge:** Students will learn about linings, understanding why they are used. They will learn about surface treatments and finishes – different types of functional and aesthetic finishes. Surface decoration- application of surface decoration techniques to bring design to life.	The academic year is split in half and students rotate to food technology		

	printing, making links to industry and mass manufacture. **Key Skills:** Students learn how to interpret a given brief and how to present their research. They develop their skills in several surface decoration techniques (see key knowledge).	knowledge of the surface decoration techniques sampled. Sewing machines-correct machine set up and safe and accurate use of the sewing machine. **Key Skills:** Students learn how to develop detailed designs, using the knowledge of the surface decoration techniques sampled. They learn how to use a garment pattern and develop skills in accurate cutting, cutting on the fold and understanding pattern symbols such as notches.	**Key Skills:** Students will apply surface decoration techniques to bring designs to life. They will develop their skills in construction- measuring, marking and use of seam allowance with the correct and safe use of the sewing machine to create complex seams. They will learn how to create a lining for their project.	
Assessment	Focus on mood board and presentation- focusing on research of a selected culture. Green sheet: focused on surface decoration investigation			The academic year is split in half and students rotate to food technology