Hanley Castle High School curriculum outline for parents: **Textiles (Design & Technology) Year 9**

		Autumn Term		Spring Term		Summer Term	
Year 9	**Topic** Overview	**Drawing skills;** Create a range of drawings to show products at different angles as well as representing them as clearly as possible. **They will be introduced to:** CAD (techsoft), specialist drawing equipment and there will also be reference to papers. They will cover isometric, oblique, one, two and three point perspective to help when visualising a product in 3D. Students will also create orthographic and exploded drawings all of which form part of the core content of this subject.	**Skirt;** ASOS/ New Look is looking to showcase the work of more independent designers. Tie dye is a key trend for summer clothing, especially for holiday wear. As an independent designer you have been asked by ASOS to design and make a creatively tie dyed prototype cotton skirt suitable to be worn on a summer holiday for a teenager. **They will be expected to;** produce a wide range of fabric samples to learn specialist Textile skills; waistband, facings interfacing, hemming, pockets, darts, pattern drafting, seams and fastenings.	**Skirt project continued;** Pupils will be expected to adapt their full sized skirt block based on their mini prototype and independently use construction skills and select appropriate specialist equipment to create their final outcome**. They will be expected to;** use their prototype to plan activities and plot timings for manufacturing as well as including Quality Control.Theory work will be ongoing to back up this understanding.	**CAD/CAM;** You have been asked to design and make a mini bodice top that incorporates laser cutting and pattern drafting that can be showcased at the spring summer catwalk show. (linked to a recently visited exhibition) **They will be expected to:** Create a mini bodice block and produce a design that can be sublimation printed to build on knowledge from year 8. Depending on fabrics laser cutting/ etching could be introduced at this point. Further sampling will take place to add to their initial portfolio of skills.	**CAD/CAM continued;** You have been asked to design and make wooden buttons to be used on this top alongside the continued making of the final piece. **They will be expected to:** apply new skills based on moving darts, facings, bias binding and applying other trims. Wooden buttons will be designed and laser cut using laser ply, giving the opportunity to introduce timbers as another core content area.	**Upcycling Denim project:** The label Junky Styling is looking to showcase the work of upcoming young designers. You have been asked by them to upcycle denim clothing into a product suitable for a teenager. **They will be introduced to;** new decorative sustainable skills, the use of fabrics and components to improve the functionality of the product, lamination, linings and fastenings, as well as drawing on the knowledge and skills gained this year. Theory work will cover environmental and sustainability issues
	Disciplinary knowledge/skills	Research Single point perspective Two point perspective Three point perspective Isometric Orthographic Technical Techsoft	Style lines Fabrics & Fibres Sustainability Pattern markings Product analysis Mini pattern drafting Seams Hems Fastenings Facings Waistband Overlocker Sewing machine Hand tools Key terminology	Pattern drafting Independent working Manufacturing Plan Gantt chart Quality control Construction techniques Cold water dye Evaluation Key terminology	Research – McQueen/ Coco Chanel Bodice block Techsoft CAD/CAM Natural and synthetic fabrics Facings Trims Key terminology	Key terminology Timbers Laser cutting/ etching	Research –Junky styling Sustainability 6R's Fabrics and fibres