



Subject	Year	Term
Design and Technology	8	2
Topic		
D&T and Textiles		
Content (Intent)		
Prior Learning (Topic)	Year 7 D&T and Year 7 Textiles	
Introduction to CAD /CAM – Using the Design process, Design and make a clock using CAD/CAM		
Development of Textiles skills, knowledge and understanding. Design and make a mobile phone case.		
Future Learning (Topic) Year 9 D&T		
What Knowledge and Skills will be taught (Implementation)	How will your understanding be assessed & recorded (Impact)	
Introduction to CAD/CAM	<u>Assessment</u> Throughout the unit students will be introduced to the sub-skills of designing, which they will employ to solve the assessed design tasks. Each unit is individually assessed through teacher assessment and the final end of year level and report is based on all work complete. Main areas of assessment –	
2d Design Sketch up Photoshop Laser cutting Vinyl Cutting Follow the design process to make a clock using CAD/CAM		
<u>Textiles Technology – Animal Fusion</u> Students will learn the appropriate skills and techniques to make a textile product for the gift shop at Chester Zoo. Based on using sewing machines and additional hand techniques. Students will learn how to: - Name the three classifications of fibres - Design and make a mostly functional product - Cut material safely - Develop their skills in using CAD/CAM Students will make a mobile phone cover.	Identification of a problem Design development Making Evaluating Subject knowledge and understanding	
How can parents help at home?		
Students will be given a homework booklet that they need to complete once a week.		
Helpful further reading/discussion (including Reading and Vocabulary Lists)		
Reading	Vocabulary Lists	
www.technologystudent.com	Laser cutting	
Pinterest for ideas	Vinyl cutting	
	3d Printing	
	Applique	
	Blanket Stich	