

Year 8	Learning Programme	Department ; ADT	Product Design
<p>This half term : Skills to be developed</p> <p>Literacy: Students will develop their evaluative skills. They will be required to produce an evaluation on all the work they have completed in the unit, reflecting on the key strengths and weaknesses. They will demonstrate an ability to write to explain in the form of documenting some practical processes used</p> <p>Numeracy: Students will continue to develop their measuring skills through the use of 2D Design and their use and understanding of cm and mm.</p> <p>Digital Competence: Use of ICT to produce their evaluation work as well as design work through the use of CAD programmes such as 2D Design.</p> <p>Subject Specific: Investigating Understanding Designing & Making Evaluating</p>		<p>Key Terms/Words : Portfolio Presentation Success criteria Positive Mind Set Detail 2D Design CAD (computer Aided Design) Acrylic Laser Cutter CAM (Computer Aided Manufacture) 2D Design Cross and Draw Filing Emery Cloth Wet and Dry Buffer Drill Finish</p>	
Topics to be studied		Independent Learning Task(s)	
<p><u>Understanding</u> Students will complete a health and safety booklet explaining all the key points for the workshop and laser cutter.</p> <p><u>Designing</u> Students will complete a final design based on a peer evaluation of their design work. Using 2D Design, students will draw part of their design to then be cut on the laser cutter.</p> <p><u>Making</u> Using acrylic, students will produce either a piece of jewellery or a key ring using both the laser cutter and traditional hand tool skills.</p> <p><u>Evaluation</u> Students will evaluate each stage of the project reflectively, identifying key strengths and weaknesses with their work in the project.</p>		<p>Homework topics during this half term will include:</p> <ul style="list-style-type: none"> • Plan of making • Health and Safety booklet • Evaluation plan 	
Help and Support			
<p>Support material for the topics covered can be found at: http://www.technologystudent.com/</p>			