




Unit Yr7 Wooden Holder	Road Map				
	Assessment Grades				
Themes	Learning Goals/Outcomes/Content				
L1 What is a Design Brief and a Specification?	<p>Students to understand what a Design Brief is and how to write it through breaking down a context into its key parts.</p> <p>Students to understand what a Specification is and how to write it through using key aspects of the Design Brief.</p>				
L2 What is a mood board and what is it used for?	Students to understand what a mood board is and what its purpose is within the design process.				
L3 How do you mirror finish acrylic?	<p>Students to observe the sequence of processes used to modify the edges of acrylic to polish them.</p> <p>Students to understand the properties of using acrylic and the function of relevant tools to complete the process.</p>				
L4 How do you cut and finish MDF?	<p>Students to observe the sequence of processes used to cut and finish the edges of MDF.</p> <p>Students to understand the properties of using MDF and the function of relevant tools to complete the process.</p>				
L5 How do you draw in oblique?	Students to understand the sequence to drawing in oblique and how to adapt this to draw different shapes.				
L6 How do you convert a design to a template?	Student to understand how to render ideas. Students able to design to set constraints and convert into a templet for manufacturing.				
L7 How do you mark out to tolerance on timber?	<p>Students understand how to accurately mark out on timber using marking out tools.</p> <p>Students able to cut timber accurately and safely using tenon saws and bench hooks</p>				
L8 How can you use saws to manipulate timber?	<p>Students understand the different types of saw used for cutting woods.</p> <p>Students able to correctly select saw for task and use correct cutting technique.</p>				
L9 How can you use saws to manipulate timber?	<p>Students understand the different types of saw used for cutting woods.</p> <p>Students able to correctly select saw for task and use correct cutting technique.</p>				
L10 How do you cut a lap joint?	<p>Students understand what a lap joint is and how to mark out.</p> <p>Students able to use various wood working tools to cut and finish a lap joint.</p>				
L11 How do you draw a final idea in oblique?	Students able to draw their wooden product using oblique drawing skills. Students able to adapt their product to hold a small item and draw the concept.				

L12 How do you use drilling machines?	<p>Students understand how to correctly and safely use a pillar drill and hand power drill.</p> <p>Students able to modify their wooden product holders using these skills</p>			
L13 How will I manage a range of design and make tasks?	<p>Students to develop independence skills to manage completion of practical.</p>			
L14 How can transfer images on to timber?	<p>Students understand the basics of using 2D Design</p> <p>Students able to design a pattern image ready for heat pressing based upon Bauhaus.</p>			
L15 How can you change the appearance of timber using heat press?	<p>Students understand the principals of using heat reactive adhesive and films</p> <p>Students able to apply an image onto timber using a heat press correctly and safely.</p>			
L16 How do you assemble timber using PVA?	<p>Students understand how to correctly use PVA and the properties of the adhesive.</p> <p>Students able to assembly their wooden product.</p>			
L17 Where does plastic come from?	<p>Students understand the origins of plastics. Students also understand categories of plastics and types of thermoplastics. Students understand how to reduce waste.</p> <p>Students focus on using online research skills.</p>			
L18 What have I learnt this project?	<p>Students are able to compare their product against the original specification.</p> <p>Students able to suggest further improvements.</p> <p>Students able to collate and consider client feedback.</p>			

**Links:**

Research and designing skills to create an end product based on a specification.