

Subject	Year	Term	Lesson	Topics	Subject Learning Checklist	H/W
Design & Technology	Year 9	Term 1  One lesson a fortnight	1	Introduction to the subject. Highlight the importance of DT in careers. H&S in the workshop tasks	About the projects, what D&T is, in school and careers. Show the workshop, identify machinery and H&S issues	Images for design ideas
			2	Novelty Door Wedge project. Introduce and highlight the marking criteria. Design ideas to be completed and a final design to be decided on.	Students are to understand how grades are awarded throughout this project. They also learn how to sketch out ideas using graphical techniques.	Coping Saw w/s & Final Design (if not finish)
			3	Students should complete the design work, including final design. Issue students the material and begin the marking out process on the pine wood. (Use the template to check if correct) They can also to draw their f design on the piece of MDF	Students learn how to measure and mark out on materials and how to begin cutting and shaping material Students learn how to use certain machine and tools safely and correctly.	
			4	Students are to begin the practical tasks. Introduce and demo the use of coping & scroll saws and the disc sander. Also show how they are to cut out the joint on the pine wood, using saws and files.	Students learn how to use certain machine and tools safely and correctly. In the process, they discover the technique of cutting and shaping wood whilst also producing a wood joint.	Pillar drill and sander w/s
			5	Continuation of practical tasks. Highlight the importance of smoothing the wood to a high finish, using files and sandpaper. Pine components (door wedge) to be glued.	Students learn the importance of finishing their wood to a high standard (QC). Students continue to use certain machine and tools safely and correctly. Ext: Students can apply a white paint to their MDF component, if completed well.	
			6	Students should be completing the majority of the practical tasks. Demonstrate how to paint sensibly. Ext: Isometric drawing	Students learn how to paint sensibly and how to tidy up afterwards while students continue using certain machine and tools safely and correctly	Career in DT research task
			7	Evaluation of the practical outcome. Students can apply graphics to their product through the use of fine liner and felt tip pens if required. Ext: Production plan	Students discover the importance of reflecting on their work. Also, a chance to complete any outstanding work before submitting booklets for marking	
			8	Baseline Assessment	Students are tested to determine what ability they are current showing.	Natural Woods w/s

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					16	Continue practical tasks. Reminders of QC and painting correctly with the possible inclusion of using felt tip and fine liner pens, if required. Ext: Plan of making and/or Isometric drawing tasks.	Show example of how colour is applied via paints, but details and outline should be done using felt tips or fine liners. Emphasise the importance of a quality finish and how importance it is.	
					17	Last lesson to completed any making in the workshop. Ensure products a smoothed well before application of any paint. Ext: Plan of Making and Isometric drawing tasks	Students are to experience making a functional product, finished to the best of their abilities. They learn how to ensure a product is well finished including the application of graphics using certain techniques.	Revise for test
					18	Products should be evaluation whist the teacher grades their outcomes. Production plan exercise to be completed. And any other exercise if outstanding. Ext: Environmental task	Students are to evaluate their work. Also, they are to explain the steps undertaken in the production plan showing an understanding of the manufacturing process.	
					19	If the booklet has been completed, students can undertake the design movements task where students should redesign their calendar product in the style of a design movement i.e. Memphis, Gothic, Art Nouveau.	Students are to display their creative skills while learning about design movements.	