

Year 9 Design Technology: Personalised Learning Checklist (PLC)

Year 9	Woodwork	Desk tidy (DT)
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I can:	R	A	G
Know how to explore a design brief and adapt to a personalised context/design direction.			
Choose and justify an appropriate target market and research existing solutions in correspondence with this.			
Confidently draw in a 3D isometric perspective.			
Confidently render design ideas with a wood grain effect and accurately pencil shade using the gradient fill technique.			
Know the material properties of pine wood and why this is beneficial for a desk tidy product.			
Identify at least 6 different joinery techniques; Butt, finger, dowel, rebate, dovetail, mitre.			
Confidently and independently create a finger joint and a dowel joint.			
Confidently and accurately mark out timber in millimetres using a pencil, metal ruler and try-square.			
Confidently, safely and accurately cut out material using an appropriate saw; tenon saw, coping saw, scroll saw.			
Confidently, safely and accurately use most hand help and power tools in the workshop.			
Know about adhesives and fixings and understand when it is appropriate to use them.			
Understand the purpose of applying finishes and describe their aesthetic and/or durability qualities.			
Apply a finish well to the final product outcome to give a quality completed look.			
Self-evaluate the final product outcome and the learning journey of this project, as well as peer evaluate other completed outcomes. Be able to give productive feedback.			
Key Vocabulary for this project			
Isometric, Perspective, Render, Permanent & temporary fixings, Joinery, Butt joint, finger joint, dowel joint, rebate joint, dovetail joint, mitre joint, dowel pointers, refine, draw file, rasp file, abrasives, belt sander, dry-fit, finishes.			

Assessment Result	Mark:	%
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