

Design Technology Year 7

Learning Intentions Summer Term 1

2024-2025

	LESSON
WEEK 28 wc 21 st April 7CR2 No lesson	Practical Lesson- Cutting tools and techniques. Teacher demo on the correct way to use cutting and shaping tools such as saws, drills and files. <ul style="list-style-type: none"> • Correct techniques – how to begin a cut, sawing in a straight line, where to place hands • Common mistakes – using the tool incorrectly, using the wrong tool for the job Pupils to proceed with practical, show awareness of Health and Safety and follow the rules of the workshop.
WEEK 29 wc 28 th April	Practical lesson – CAD/CAM Demo the Vac forming and CAD router machine. Reinforce health and safety rules when using the machines. Pupils to use both machines to vacuum form an outer shell and inscribe a pattern onto their piece of hardwood. <ul style="list-style-type: none"> • Follow correct procedure • Be aware of specific safety rules when using the machines • Be able to apply basic quality control checks after both processes are finished
WEEK 30 wc 5 th May 7CR2 No lesson	Practical lesson – Applying the design / Adding a finish Pupils will apply their design using stains and coloured pencils. Discussion about finishes: <ul style="list-style-type: none"> • Why are they used • Different types for different materials Pupils will be shown how to apply a wax finish to seal in their design once it is completed Pupils to proceed with practical, show awareness of Health and Safety and follow the rules of the workshop.
WEEK 31 wc 12 th May	Practical – Final assembly Final assembly lesson for all aspects of the project to be completed. Reminder about Quality Control – Modifications that may have occurred need to be noted.
WEEK 32 wc 19 th May	Evaluation Review the project with the pupils. Class discussion with all the completed projects on view. Good examples and why. What improvements could others have made? All pupils to complete an evaluation work sheet to review their product.