



MAGHULL HIGH SCHOOL – CURRICULUM MAP

Unit: Workshop – Manufactured board	Week 1/2	Week 2-5	Week 6
TOPIC	Recap Health and Safety into DT and the workshop environment Accuracy assessments Introduction to passive amp and properties of timbers Introduction/demo of Pillar drill	Measuring, marking and drilling skills Introduction to quality control and finishing techniques applied to surface to enhance its appearance, durability, or functionality (Sanding and oiling) Quality control and finishing techniques applied to surface to enhance its appearance, durability, or functionality (Sanding and oiling)	Application of addition features Evaluations
Knowledge & Skills development	Properties of timber - Softwoods/Hardwoods/Manufactured Boards Health and safety in the workshop Using a range of woodwork hand tools safely – Steel ruler, Try Square, Bench Hook, Work Bench Vice, Tenon saw, hand rasps/files, Glass paper Understand how to choose the correct drill bit for correct material, the desired hole size, and the desired finish. Understanding accuracy and tolerances Understanding precision control skills, and an understanding of how to control wood to achieve desired shapes and surfaces Understanding the importance of a high-quality product Understanding Timber finishing techniques and testing product		
Assessment / Feedback Opportunities	Formative teacher assessment – verbal, Q&A	Summative teacher assessment – of practical Seneca learning homework – manufactured boards	Formative teacher assessment – verbal, Q&A Summative teacher assessment - written
Key Vocabulary	Health and Safety, Wastage techniques, joining methods, Quality Control, Friction, properties, Accuracy, Manufactured boards, Plywood		
Literacy/Reading Opportunities	Booklets, PowerPoint		
Cross curricular themes	Sustainability and finite resources – Geography Amplification - Science		
Personal Development (including British values, RSE, Citizenship)	Sharing equipment and tools. Respect for each other in the workshop Keeping each other safe in the workshop Teamwork		
Career Opportunities	Joinery and carpentry		

This weekly plan fits inside the Key Stage 3 & 4 Learning Journey and is supported with a class booklet. The weekly plan is based on 1/2 term which is approximately 6 lessons (6 weeks).