



MAGHULL HIGH SCHOOL – CURRICULUM MAP

Unit: Workshop – Timber	Week 1/2	Week 2-4	Week 5/6
TOPIC	Recap Health and Safety into DT and the workshop environment Accuracy assessments Introduction to Toy car and properties of timbers Introduction/demo of Pillar drill	Measuring, marking and drilling skills Application of addition features Cutting, gluing, drilling	Introduction to quality control and finishing techniques and evaluating product Sanding and oiling
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, coping saw, hand rasps/files, Glass paper 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		
Assessment / Feedback Opportunities	Formative teacher assessment – verbal, Q&A	Summative teacher assessment – of practical Seneca learning homework - timbers	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, Softwood, dowel		
Literacy/Reading Opportunities	Booklets, PowerPoint		
Cross curricular themes	Sustainability and finite resources – Geography		
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 9 lessons (6 weeks).