



MAGHULL HIGH SCHOOL – CURRICULUM MAP

Unit: Workshop – Construction and Engineering skills	Week 1/2	Week 2/3	Week 4/5	Week 5/6
TOPIC	Corner housing joint	Dowel joint	Threading – internal and external	Riveting – pop and solid
Knowledge & Skills development	Understanding simple joining techniques – In Engineering: threading, riveting In Construction: corner housing joint, dowel joint			
Assessment / Feedback Opportunities	Formative teacher assessment – verbal, Q&A	Summative teacher assessment – of practical Seneca learning homework – Joining timbers	Formative teacher assessment – verbal, Q&A	Summative teacher assessment – of practical
Key Vocabulary	Health and Safety, wastage techniques, joining methods, quality control, friction, properties, accuracy, threading, tap, die, stock (die), stock sizes, pop rivet, solid rivet, mild steel, pine			
Literacy/Reading Opportunities	Booklets, PowerPoint			
Cross curricular themes	Sustainability and finite resources – Geography Numeracy and measuring - Maths			
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, Carpentry, Engineering			

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).