SPATULA AND COAT HOOK YEAR 7

Summer Term 1

MAGHULL HIGH SCHOOL – CURRICULUM MAP

	Week 1	Week 2	Week 3	Week 4	Week 5	Week 6
TOPIC (S) **ALL KEY STAGE 3 PUPILS ROTATE AT THE END OF SPRING TERM 2.**	**Objective:** Develop accuracy in using ruler and pencil. Pupils to develop accuracy using a ruler and pencil. Pupils to develop accuracy in using relevant tools and equipment. Pupils to develop practical skills in woods. Pupils to develop understanding of resistant materials	**Objective:** Develop accuracy in using ruler and pencil. Pupils to develop accuracy using a ruler and pencil. Pupils to develop accuracy in using relevant tools and equipment. Pupils to develop practical skills in woods. Pupils to develop understanding of resistant materials	**Objective:** Pupils to develop accuracy using a ruler and pencil. Pupils to develop accuracy in using relevant tools and equipment. Pupils to develop practical skills in woods. Pupils to develop understanding of resistant materials	**Objective:** Pupils to develop accuracy using a ruler and pencil. Pupils to develop accuracy in using relevant tools and equipment. Pupils to develop practical skills in woods. Pupils to develop understanding of resistant materials	**Objective:** Pupils to develop accuracy using a ruler and pencil. Pupils to develop accuracy in using relevant tools and equipment. Pupils to develop practical skills in woods. Pupils to develop understanding of resistant materials	**Objective:** Pupils to develop accuracy using a ruler and pencil. Pupils to develop accuracy in using relevant tools and equipment. Pupils to develop practical skills in woods. Pupils to develop understanding of resistant materials
CAD 1 Pupil to rotate through room 60 and 63 to develop CAD/CAM skills and knowledge.	All year 7 to rotate through room 60 and 63 to develop CAD/CAM skills and knowledge. All to work through the CAD/CAM PowerPoint and design and make a Bookmark using Polypropylene. **KEY FOB EXTENSION TUTORIAL**. Pupils to model their initial designs using card, develop and then manufacture using acrylic.					
Knowledge & Skills development	• Understanding contexts, users and purposes. • Select and use accurately appropriate tools and equipment. • Follow health and safety procedures. • Understand how to classify materials. • Understand the properties of woods.					
Assessment / Feedback Opportunities	Verbal feedback for all practical session. Cold calling to check for revision using Knowledge Organiser.					
Cultural Capital	• Understanding of woods, metals, and their uses in a range of settings.					

SMSC / Promoting British Values **(Democracy, Liberty, Rule of Law, Tolerance & Respect)**	• Tolerance and respect when sharing equipment. • Following Health and safety rules.
Reading opportunities	• Knowledge Organiser as homework.
Key Vocabulary	Ferrous, Non-ferrous, softwood, hardwood, file, hacksaw, pillar drill, tenon saw, file, countersink, coping saw, centre punch, drill bit, bench hook, wood vice, machine vice, ball pein hammer, engineer's square, try square, scriber, centre punch.
Digital Literacy	Extension activity dependant on availability of computers to use 2D Design and Laser Cutter to engrave a logo onto the Spatula.
Careers	What if a joiner, Cabinet Maker, Engineer?