



MAGHULL HIGH SCHOOL – CURRICULUM MAP

AUTUMN TERM 1	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 1.	Objective: To develop comprehension skills. To develop behaviour for learning skills. To develop accuracy using a ruler and pencil. <ul style="list-style-type: none"> Spatula six line graphics. 	Objective: To develop comprehension skills. To develop behaviour for learning skills. To develop accuracy using a ruler and pencil. Spatula six line graphics.	Objective: To Understand and develop knowledge of MECHANISMS. Understanding the movement, uses of and the forces associated with different types of mechanisms	Objective: To Understand and develop knowledge of MECHANISMS. Understanding the movement, uses of and the forces associated with different types of mechanisms	Objective: To Understand and develop knowledge of MECHANISMS. Understanding the movement, uses of and the forces associated with different types of mechanisms	Objective: <ul style="list-style-type: none"> Understand how to interpret an engineering drawing (toy car) and use for accurately marking out. identify and solve their own design problems. Select and use accurately appropriate tools and equipment.
Knowledge & Skills development	<ul style="list-style-type: none"> Pupils to develop accuracy in using relevant tools and equipment. Pupils to develop understanding of resistant materials. Pupils to develop testing and evaluating against a specification skills. 					
Assessment / Feedback Opportunities	Verbal Yellow box on front cover	Verbal Cold call as part of do now.	Verbal feedback on practical and cold call on knowledge organiser	Verbal feedback on practical and cold call on knowledge organiser	Verbal feedback on practical and cold call on knowledge organiser	Verbal feedback on practical and cold call on knowledge organiser
Cultural Capital	<ul style="list-style-type: none"> Understanding of woods and their uses in a range of settings. Understanding of mechanisms. 					

SMSC / Promoting British Values (Democracy, Liberty, Rule of Law, Tolerance & Respect)	<ul style="list-style-type: none"> • Tolerance and respect when sharing equipment. • Following Health and safety rules.
Reading opportunities	<ul style="list-style-type: none"> • Partly completed production plan to read. • •
Key Vocabulary	softwood, hardwood, file, pillar drill, tenon saw, file, , drill bit, bench hook, wood vice, machine vice, try square, eccentric cam..
Digital Literacy	Extension work on 2D Design CAD to customise the Toy Car with the laser or 3D Printer. Dependent upon availability of computer room.
Careers	The role of a joiner, cabinet maker, Engineer.