MAGHULL HIGH SCHOOL – CURRICULUM MAP

SUMMER TERM 2	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. Pupils to develop graphic skills through TOY CAR CAD TUTORIALS.	Objective: To develop comprehension skills. To develop behaviour for learning skills. Pupils to develop graphic skills through TOY CAR CAD TUTORIALS.	Objective: To develop comprehension skills. To develop behaviour for learning skills. Pupils to develop graphic skills through TOY CAR CAD TUTORIALS.	Objective: To develop comprehension skills. To develop behaviour for learning skills. Pupils to develop graphic skills through TOY CAR CAD TUTORIALS.	Objective: To develop comprehension skills. To develop behaviour for learning skills. Pupils to develop graphic skills through TOY CAR CAD TUTORIALS.	Objective: To develop comprehension skills. To develop behaviour for learning skills. Pupils to develop graphic skills through TOY CAR CAD TUTORIALS.
CAD 1 Pupil to rotate through room 60 and 63 to develop CAD/CAM skills and knowledge.	- All year 8 to rotate through rooms 60 and 63 to complete Mechanical toy car Solidworks tutorials and produce a part and drawing. - Demonstrate 3 D Printer!					
Knowledge & Skills development	Pupils to develop an understanding of CAD/CAM prototyping.					
Assessment / Feedback Opportunities	Cold call as part of do now. Verbal feedback on practical and cold call on knowledge organiser Verbal feedback on developing practical skills in metal and CAD					
Cultural Capital	- Understanding of woods 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	• Partly completed production plan to read. • •
Key Vocabulary	• Solidworks, tutorial booklets (names of common commands), keyboard, mouse, left/right click and save.
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.