

MAGHULL HIGH SCHOOL – CURRICULUM MAP YEAR 9

Autumn 2	Week 1	Week 2	Week 3	Week 4	Week 5	Week 6	Week 7	
Oct - Dec TOPIC (S)	3D Shapes	3D Shapes	3D Shapes	Constructions & congruency	Constructions & congruency	Constructions & congruency	Revision and Assessment	
Knowledge & Skills development	3D Shapes Know the names of 2D and 3D shapes Recognise prisms (including language of edges/vertices) Accurate nets of cuboids and other 3D shapes Plans & elevations Find area of 2D shapes Surface are of cubes and cuboids Surface area of cubes and cuboids Surface area of cubes and cuboids Volumes of other 3D shapes – prisms and cylinders Volume of other 3D shapes – prisms and cylinders Explore volumes of cones, pyramids and spheres Constructions & congruency Draw and measure angles Construct and interpret scale drawings Locus of distance from a point Locus of distance from a straight line/shape Locus equidistant from two points Construct a perpendicular bisector Construct a perpendicular from/to a point Locus of distance from two lines Construct an angle bisector Construct an angle bisector Construct traingles from given information Identify Congruent figures & triangles							
Assessment / Opportu		Retrieval Homework	Termly assessment	Speedy feedback for DIRT	Formative teacher assessment - verbal	Retrieval p Warm		
Cultural Capital		Real life application of 3D shapes. Worded problems in various real life context.						

SMSC / Promoting British Values (Democracy, Liberty, Rule of Law, Tolerance &	Working with unknown quantities.
Respect)	
Reading opportunities	Murderous Maths Series by Kjartan Poskitt
Key Vocabulary	Length, area, volume, dimension, units, centimetre, metre, cubic, kilometre, density, mass, surface, vertex, plane, edge, cylinder, cuboid, cube, trapezium, parallelogram, protractor, compass, perpendicular, bisector, arc.
Digital Literacy	Geogebra
Careers	Statistician, Actuary, Analyser