



MAGHULL HIGH SCHOOL – CURRICULUM MAP YEAR 8

Summer 2 June - July	Week 1	Week 2	Week 3	Week 4	Week 5	Week 6
TOPIC (S)	Volume and Surface Area of Prisms	Volume and Surface Area of Prisms	Area Review	Circles	Circles	Review
Knowledge & Skills development	<p>Volume and Surface Area of Prisms (7th – 11th June)</p> <ul style="list-style-type: none"> • 3D Shapes • Prisms and Cylinders • Nets of Cubes & Prisms • Counting Cubes • Cuboids <p>Volume and Surface Area of Prisms (14th – 18th June)</p> <ul style="list-style-type: none"> • Volumes of Prisms and Cylinders • Surface Area Introduction • Surface Area of Cuboids • Surface Area of Cylinders <p>Area Review (21st – 25th June)</p> <ul style="list-style-type: none"> • Rectangles and Triangles • Compound Shapes • Circles • Calculating length given Area <p>Circles (28th June – 2nd July)</p> <ul style="list-style-type: none"> • Parts of a Circle • Circumference • Fractions of a Circle • Compound Perimeter <p>Circles (5th – 9th July)</p> <ul style="list-style-type: none"> • Area of a Circle • Finding a Formula • Area of Sectors • Compound Area Problems <p>Review (12th – 16th July)</p>					

Assessment / Feedback Opportunities	Retrieval Homework	Termly assessment	Speedy feedback for DIRT	Formative teacher assessment - verbal	Retrieval practice Warm Up	
Cultural Capital	Real life application of geometry. Worded problems using geometry in various real life context.					
SMSC / Promoting British Values (Democracy, Liberty, Rule of Law, Tolerance & Respect)	Working with unknown quantities.					
Reading opportunities	Murderous Maths Series by Kjartan Poskitt					
Key Vocabulary	Volume, cubic, length, width, depth, cuboid, cube, prism, dimension, radius, area, sector, circumference, segment, perimeter ..					
Digital Literacy	Excel Formulae					
Careers	Architect, Interior Designer, Builder, Gardener, Construction					