



MAGHULL HIGH SCHOOL – CURRICULUM MAP YEAR 8

Summer 1 April - May	Week 1	Week 2	Week 3	Week 4	Week 5	Week 6
TOPIC (S)	Angles in parallel lines and polygons	Angles in parallel lines and polygons	Angles in parallel lines and polygons	Area of trapezia and circles	Area of trapezia and circles	Line symmetry and reflection
Knowledge & Skills development	<p>Angles in parallel lines and polygons</p> <ul style="list-style-type: none"> Review Year 7 angles rules Understand and use parallel lines and angles Revisit geometric notation Work out angles in special quadrilaterals Find and use the sum of interior and exterior angles of a polygon Prove simple geometrical facts <p>Area of trapezia and circles</p> <ul style="list-style-type: none"> Review area of shapes covered in Year 7 Calculate the area of a trapezium Calculate the area of a circle and the area of parts of a circle Use significant figures Calculate the area of compound shapes <p>Line symmetry and reflection</p> <ul style="list-style-type: none"> Recognise line symmetry in polygons and other shapes Reflect shapes in horizontal, vertical and diagonal lines 					
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 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	Quadrilateral, trapezium, parallelogram, rhombus, parallel, perpendicular, pentagon, hexagon, heptagon, octagon, polygon, chord, diameter, radius, radii, tangent
Digital Literacy	Geogebra
Careers	Architect, Interior Designer