

Maths- Y11H

# MAGHULL HIGH SCHOOL – CURRICULUM MAP

[illegible]

<b>Assessment / Feedback Opportunities</b>	Topic assessments	Self-assessment sheets	Homework	Formative teacher assessment - verbal	Retrieval practice	
<b>Cultural Capital</b>	Use of algebra to solve real life problems involving widely used quadratic graphs Application of trigonometry in real life problems including construction Discussion of the use of growth and decay in real life including science (diseases) finance					
<b>SMSC / Promoting British Values</b> (Democracy, Liberty, Rule of Law, Tolerance & Respect)	Willingness to participate in, and respond to mathematical opportunities. Use of social skills in different contexts, including working and socialising with pupils from different religious, ethnic and socio-economic backgrounds.					
<b>Reading opportunities</b>	Mathematics in the Simpsons What's the point in Maths Humble pi					
<b>Key Vocabulary</b>	Trigonometry, Pythagoras, hypotenuse, opposite, adjacent, theta, ratio, sine, cosine, tangent, solve, equations, linear, quadratic, sketch, function, intercept, roots, turning point, tangent, radius, parallel, perpendicular,					
<b>Digital Literacy</b>	Microsoft Excel, DESMOS, Geogebra					
<b>Careers</b>	Architecture, Team Leader, Construction, Chef, Medicine, Engineer, Science, Finance.					