Maths- Y11H

MAGHULL HIGH SCHOOL – CURRICULUM MAP



HALF TERM 1 SEPT - OCT	Week 2	Week 3	Week 4	Week 5	Week 6	Week 7	Week 8			
TOPIC (S)	Algebra: Further quadratics, rearranging formulae and identities	Algebra: Further quadratics, rearranging formulae and identities	Inequalities	Direct and Inverse Proportion	Direct and Inverse Proportion	Vectors	Vectors			
Knowledge & Skills development	formulae and formulae and									

Assessment /	Topic assessments	Self-assessment	Homework	Formative teacher assessment - verbal	Retrieval practice				
Feedback		sheets							
Opportunities									
Cultural Capital	Use of algebra to solve real life problems involving widely used formulae								
	Application of proportionality in real life problems including science								
	Discussion of the use of vectors is real life including science and computing								
SMSC / Promoting	Willingness to participate in, and respond to mathematical opportunities. Use of social skills in different contexts, including working and								
British Values	socialising with pupils from different religious, ethnic and socio-economic backgrounds.								
(Democracy, Liberty, Rule of Law, Tolerance & Respect)									
Reading opportunities	Mathematics in the Simpsons, What's the point of maths? Murderous Maths, Marvellous Maths, Launch a rocket into space, Humble Pi.								
Key Vocabulary	Equation Expression Identity Inequality Formula Binomial Polynomial Simplify Expand Factorise Coefficient Subject Inequality								
	Less than More tha	n Variable Solution	n set Proportionality	Direct Inverse Vectors Direction Magn	nitude Scalar Paralle	el Collinear			
Digital Literacy	Microsoft Excel, DESMOS, Geogebra								
Careers	Architecture, Team Leader, Construction, Chef, Medicine								