



MAGHULL HIGH SCHOOL – CURRICULUM MAP YEAR 8

Spring 1 Jan - Feb	Week 1	Week 2	Week 3	Week 4	Week 5	Week 6
TOPIC (S)	Brackets, equations and inequalities	Brackets, equations and inequalities	Brackets, equations and inequalities	Brackets, equations and inequalities	Sequences	Indices
Knowledge & Skills development	<p>Brackets, equations and inequalities</p> <ul style="list-style-type: none"> Expand, and factorise into, single brackets Form and use expressions, formulae and identities Form and solve equations and inequalities with and without brackets Distinguish between equations, expressions, formula and identities <p>Sequences</p> <ul style="list-style-type: none"> Generate sequences using more complex rules, e.g. with brackets and squared terms, both in words and algebraically <p>Indices</p> <ul style="list-style-type: none"> Form expressions using indices Understand and use the addition and subtraction rules 					
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 algebra, sequences and indices. 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	Bracket, equation, inequality, formula, identity, expression, variable, equate, difference, nth term, indices, substitute					
Digital Literacy	Geogebra					
Careers	Engineer, Scientist					

