



MAGHULL HIGH SCHOOL – CURRICULUM MAP YEAR 7

Spring 1 Jan - Feb	Week 1	Week 2	Week 3	Week 4	Week 5	Week 6
TOPIC (S)	Solving problems with addition and subtraction	Solving problems with addition and subtraction	Solving problems with multiplication and division	Solving problems with multiplication and division	Solving problems with multiplication and division	Fractions and percentages of amounts
Knowledge & Skills development	<p>Solving Problems with addition and subtraction</p> <ul style="list-style-type: none"> Use mental and formal written methods of addition with integers and decimals, including choosing the most appropriate method Solve problems in the context of perimeter, money and frequency trees and tables Solve problems in the context of bar charts and line charts <p>Solving problems with multiplication and division</p> <ul style="list-style-type: none"> Multiply by 10, 100 and 1000, 0.1 and 0.01, and convert metric units Use mental and formal written methods of multiplication and division Find the HCF and LCM of small numbers Evaluate area of triangles, rectangles and parallelograms Find the mean of a set of numbers Find simple fractions and percentages of amounts Begin to use the order of operations <p>Fractions and percentages of amounts</p> <ul style="list-style-type: none"> Work out simple fractions and percentages of amounts, with and without a calculator 					
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 the four operations. 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	Integer, method, bar chart, axes, frequency, highest common factor, lowest common multiple, base, height, area, rectangle, parallelogram, brackets					
Digital Literacy	Geogebra					
Careers	Engineer, Carpet fitter, Joiner					

