



**MAGHULL HIGH SCHOOL – CURRICULUM MAP YEAR 7**

Spring 2 Feb - March	Week 1	Week 2	Week 3	Week 4	Week 5	Week 6
TOPIC (S)	Fractions and percentages	Fractions and percentages	Fractions and percentages	Standard index form	Standard index form	Number sense
Knowledge & Skills development	<p><b>Fractions and percentages</b></p> <ul style="list-style-type: none"> <li>Develop understanding of fractions, decimals and percentages</li> <li>Evaluate percentage increases and decreases</li> <li>Use multipliers to solve percentage problems</li> <li>Express one number as a percentage of another</li> </ul> <p><b>Standard index form</b></p> <ul style="list-style-type: none"> <li>Convert between numbers in ordinary and standard form</li> <li>Compare numbers given in standard form</li> <li>Calculate with numbers given in standard form, with and without a calculator</li> </ul> <p><b>Number sense</b></p> <ul style="list-style-type: none"> <li>Develop mental strategies</li> <li>Convert between metric measurements and units</li> <li>Estimation, including rounding to a given number of decimal places</li> <li>Use the order of operations</li> </ul>					
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 fractions/percentages and standard form. 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	Equivalent, standard form, decimal, place value, metric, imperial, indices, greater, centimetre, metre, kilometre, gram, kilogram, millimetre					
Digital Literacy	Geogebra					

**Careers**

Joiner, Kitchen Fitter, Chef