



MAGHULL HIGH SCHOOL – CURRICULUM MAP YEAR 8

Spring 2 Feb - March	Week 1	Week 2	Week 3	Week 4	Week 5	
TOPIC (S)	Unit 8 - Univariate Data	Unit 8 - Univariate Data	Unit 8 - Univariate Data	Unit 9 - Bivariate Data	Unit 9 - Bivariate Data	
Knowledge & Skills development	<p>Univariate Data (22nd - 26th Feb))</p> <ul style="list-style-type: none"> ● The Data Handling Cycle ● Forming and Testing a Hypothesis ● Sampling ● Survey Questions <p>Univariate Data (1st - 5th March)</p> <ul style="list-style-type: none"> ● Finding the mean ● Problem Solving with the mean ● Median, mode and range ● Comparing Data <p>Univariate Data (8th - 12th March)</p> <ul style="list-style-type: none"> ● Interpreting Frequency Tables ● Mean from from Frequency Tables ● Median from Frequency Tables ● Interpreting bar charts <p>Bivariate Data (15th - 19th March)</p> <ul style="list-style-type: none"> ● Univariate and Bivariate Data ● Representing Bivariate Data ● Correlation ● Line of Best Fit <p>Bivariate Data (22nd - 26th March)</p> <ul style="list-style-type: none"> ● Correlation and causation ● Truncating axes ● Data in tables ● Choosing the right graph 					

	Assessment					
Assessment / Feedback Opportunities	Retrieval Homework	Termly assessment	Speedy feedback for DIRT	Formative teacher assessment - verbal	Retrieval practice Warm Up	DFM Tasks
Cultural Capital	Real life application of the data cycle.					
SMSC / Promoting British Values (Democracy, Liberty, Rule of Law, Tolerance & Respect)	Use imagination and creativity to explore ideas whilst learning mathematics by identifying and patterns and rules to everyday problem solving. Understanding the consequences of actions (e.g. if you perform a particular action to one number, will the same outcome apply to other numbers?) Perseverance when struggling to answer questions, not being afraid to try.					
Reading opportunities	Murderous Maths by Poskitt Kjartan					
Key Vocabulary	data, mean, median, mode, range, frequency, correlation, axes, causation, positive, negative, hypothesis, univariate, bivariate					
Digital Literacy	Dr Frost Maths, MS Teams					
Careers	Data Analyst, Statistician, Actuary, Risk Assessor					