

This scheme of learning has been designed to ensure that you make progress, develop, and master key knowledge, skills, and ideas through academically rich content that reflects, values, and celebrates the diverse experiences, identities, and contributions of our school community.

Year group: 12	Term: Autumn	Unit duration: 4 weeks	Unit title:		
Unit assessment: End of Unit Assessment			Representations of Data		
Key skills/concepts/knowledge that students should cover			Start RAG	End RAG	Literacy. Key vocabulary/subject terminology that students should cover:
<ul style="list-style-type: none"> Identify outliers in data sets Draw and interpret box plots Draw and interpret cumulative frequency diagrams Draw and interpret histograms Compare two data sets 					<p>Histogram, box plot, probability density function, cumulative distribution function, continuous random variable, scatter diagram, linear regression, explanatory (independent) variables, response (dependent) variables interpolation, extrapolation, product moment correlation coefficient (PMCC), mean, median, mode, variance, standard deviation, range, interquartile range, interpercentile range, outlier, skewness, symmetrical, positive skew, negative skew.</p> <p>Suggested materials teachers could/should use:</p> <p>Year 1 textbooks Assorted worksheets Assorted Powerpoints</p> <p>Key home learning tasks students should complete:</p> <p>Textbook Exercises Solomon worksheet Past paper questions</p>
Stretch. Key skills/concepts/knowledge that students should cover					
<ul style="list-style-type: none"> All of the diagrams and techniques used in this unit could be modelled using data from the large data set 					