

Curriculum Map	Subject: Mathematics		
Theme / Area Covered	Unit 15 Measuring Data		
	Age Related Targets – Year 7	Age Related Targets – Year 8	Age Related Targets – Year 9
Key Objectives / Learning Pathway Emerging	N/a	<p>Understand the meaning of ‘average’ as a typicality (or location)</p> <p>Calculate the mean of a set of discrete data</p> <p>Interpret the mean of a set of discrete data</p> <p>Use the mean to find a missing number in a set of data</p>	<p>Find the mode of set of data</p> <p>Find the median of a set of data including when there are an even number of numbers in the data set</p> <p>Calculate and understand the range as a measure of spread (or consistency)</p>
Key Objectives / Learning Pathway Developing	<p>Understand the meaning of ‘average’ as a typicality (or location)</p> <p>Calculate the mean of a set of discrete data</p> <p>Interpret the mean of a set of discrete data</p> <p>Use the mean to find a missing number in a set of data</p>	<p>Find the mode of set of data</p> <p>Find the median of a set of data including when there are an even number of numbers in the data set</p> <p>Calculate and understand the range as a measure of spread (or consistency)</p>	<p>Calculate the mean from a frequency table</p> <p>Find the mode from a frequency table</p> <p>Find the median from a frequency table</p> <p>Analyse and compare sets of data, appreciating the limitations of different statistics (mean, median, mode, range)</p>
Key Objectives / Learning Pathway Securing	<p>Find the mode of set of data</p> <p>Find the median of a set of data including when there are an even number of numbers in the data set</p> <p>Calculate and understand the range as a measure of spread (or consistency)</p>	<p>Calculate the mean from a frequency table</p> <p>Find the mode from a frequency table</p> <p>Find the median from a frequency table</p> <p>Analyse and compare sets of data, appreciating the limitations of different statistics (mean, median, mode, range)</p>	<p>Find the modal class of a set of grouped data</p> <p>Find the class interval containing the median of a set of data</p> <p>Choose appropriate statistics to describe a set of data</p>
Key Objectives / Learning Pathway Excelling	<p>Calculate the mean from a frequency table</p> <p>Find the mode from a frequency table</p> <p>Find the median from a frequency table</p> <p>Analyse and compare sets of data, appreciating the limitations of different statistics (mean, median, mode, range)</p>	<p>Find the modal class of a set of grouped data</p> <p>Find the class interval containing the median of a set of data</p> <p>Choose appropriate statistics to describe a set of data</p>	<p>Estimate the range from a grouped frequency table</p> <p>Analyse and compare sets of data appreciating the limitations of different statistics (MMM and R)</p> <p>Calculate an estimate of the mean from a grouped frequency table</p>