

Curriculum End Points	Subject: Mathematics		
Theme / Area Covered	Statistics 1		
	Age Related Targets – Year 7	Age Related Targets – Year 8	Age Related Targets – Year 9
Key Objectives / Learning Pathway Emerging	N/a	Understand the meaning of ‘average’ as a typicality (or location) Calculate the mean of a set of discrete data Interpret the mean of a set of discrete data Use the mean to find a missing number in a set of data	Find the mode of set of data Find the median of a set of data including when there are an even number of numbers in the data set Calculate and understand the range as a measure of spread (or consistency)
Key Objectives / Learning Pathway Developing	Understand the meaning of ‘average’ as a typicality (or location) Calculate the mean of a set of discrete data Interpret the mean of a set of discrete data Use the mean to find a missing number in a set of data	Find the mode of set of data Find the median of a set of data including when there are an even number of numbers in the data set Calculate and understand the range as a measure of spread (or consistency)	Calculate the mean from a frequency table Find the mode from a frequency table Find the median from a frequency table Analyse and compare sets of data, appreciating the limitations of different statistics (mean, median, mode, range)
Key Objectives / Learning Pathway Mastering	Find the mode of set of data Find the median of a set of data including when there are an even number of numbers in the data set Calculate and understand the range as a measure of spread (or consistency)	Calculate the mean from a frequency table Find the mode from a frequency table Find the median from a frequency table Analyse and compare sets of data, appreciating the limitations of different statistics (mean, median, mode, range)	Find the modal class of a set of grouped data Find the class interval containing the median of a set of data Choose appropriate statistics to describe a set of data
Key Objectives / Learning Pathway Excelling	Calculate the mean from a frequency table Find the mode from a frequency table Find the median from a frequency table Analyse and compare sets of data, appreciating the limitations of different statistics (mean, median, mode, range)	Find the modal class of a set of grouped data Find the class interval containing the median of a set of data Choose appropriate statistics to describe a set of data	Estimate the range from a grouped frequency table Analyse and compare sets of data appreciating the limitations of different statistics (MMM and R) Calculate an estimate of the mean from a grouped frequency table