|  | Subject: Mathematics |  |  |
| :---: | :---: | :---: | :---: |
| Theme / Area Covered | Statistics 1 End Points |  |  |
|  | Age Related Targets - Year 7 | Age Related Targets - Year 8 | Age Related Targets - Year 9 |
| Key Objectives / Learning Pathway Emerging | Find the mode of a simple set of data Find the median of a simple set of data Calculate the range of a simple set of data | Calculate the mean of a set of data Interpret the mean of a set of data | Find the median of a set of data including when there are an even number of numbers in the data set <br> Understand the range as a measure of spread (or consistency) <br> Use the mean to find a missing number in a set of data |
| Key Objectives / Learning Pathway Developing | Calculate the mean of a set of data Interpret the mean of a set of data | Find the median of a set of data including when there are an even number of numbers in the data set <br> Understand the range as a measure of spread (or consistency) <br> Use the mean to find a missing number in a set of data | Calculate the range from a frequency table <br> Find the mode from a frequency table <br> Find the median from a frequency table <br> Choose appropriate statistics to describe a set of data |
| Key Objectives / Learning Pathway Mastering | Find the median of a set of data including when there are an even number of numbers in the data set <br> Understand the range as a measure of spread (or consistency) <br> Use the mean to find a missing number in a set of data | Calculate the range from a frequency table <br> Find the mode from a frequency table <br> Find the median from a frequency table Choose appropriate statistics to describe a set of data | Calculate the mean from a frequency table Analyse and compare sets of data, appreciating the limitations of different statistics (mean, median, mode, range) |
| Key Objectives / Learning Pathway Excelling | Calculate the range from a frequency table <br> Find the mode from a frequency table <br> Find the median from a frequency table <br> Choose appropriate statistics to describe a set of data | Calculate the mean from a frequency table Analyse and compare sets of data, appreciating the limitations of different statistics (mean, median, mode, range) | Estimate the range from a grouped frequency table Calculate an estimate of the mean from a grouped frequency table |

