Year 7 Maths
Term 5 Averages

Students are learning about averages at this point in Year 7 because this topic requires students to have developed their ability to communicate mathematically in order to discuss appropriate averages base on the data.

Previous topic:percentages

Next topic: Sequences
Next statistics topic: Handling data

Core knowledge/skills/concepts

- Calculate mean, median and mode for simple sets of data
- Calculate mean, median and mode for more complex sets of data (e.g. decimals, even number of numbers for median, frequency table for mode)
- Calculate range and understand it is a measure of the spread of a set of data
- Collect data in a frequency table

Essential vocabulary

Frequency
Mean
Median
Mode
Outliers
Range

Threshold concepts

- Calculate mean, median and mode for simple sets of data
- Collect data in a frequency table

Opportunities for reading
Worded questions

How and when will the core learning be assessed?

Mid-topic Assessment, End of Topic Assessment, and Assessment 3 (May)

Links to other topics/subjects

PE: real world examples of athletes statistics
Science: analysing data from experiments
Geography: analysing data from research
Data handling at the end of year 7
Further statistics topics at KS4 and KS5 maths