Year 7 Knowledge Organiser -

## Statistics

## I Key Vocabulary

Average - a number expressing the central or typical value in a set of data

Spread - the measure of how far the numbers in a data set are away from the mean or the median

Data - facts and statistics collected for reference or analysis

Approximate - an estimation of a number or rounding a number to its nearest place value

Discrete data - data that can only take certain
values e.g. Shoe size
Continuous data - Data that can take any value (within a range)

Distribution - shows the possible values for a variable and how often they occur

Frequency - the number of times the data value occurs
-位ectiures
enterperet and construct tables, charts and diagrams, and know their appropriate uses
enterpret, analyse and compare the distributions of data sets through median, mean, mode and range
averages and Range...
Mean - Find the total value of the data and divide this by the number of pieces of data in the set. Round accordingly.
mode - The piece of data that appears the most frequently
Median - Order your data and find the value in the middle. If there are two values in the middle, find the mean of these.

Range - The difference between the lowest and highest pieces of data.
"Hey diddle diddle,
the median's the middle!
You add and divide for the mean.
The mode is the one that appears the most,
and the range is the difference in-between!"



Draw and interpret Pie Charts



