The Data Handling Cycle

Small Steps

- Set up a statistical enquiry

- Design and criticise questionnaires

- Draw and interpret pictograms, bar charts and vertical line charts   **(R)**

- Draw and interpret multiple bar charts

- Draw and interpret pie charts   **(R)**

- Draw and interpret line graphs

- Choose the most appropriate diagram for given set of data

- Represent and interpret grouped quantitative data

The Data Handling Cycle

Small Steps

- Find and interpret the range
- Compare distributions using charts
- Identify misleading graphs

H	denotes Higher Tier GCSE content
R	denotes 'review step' – content should have been covered earlier in KS3

Measures of Location

Small Steps

- ◄ Understand and use the mean, median and mode
- ► Choose the most appropriate average
- ◄ **Find the mean from an ungrouped frequency table** Ⓗ
- ► **Find the mean from an grouped frequency table** Ⓗ
- ◄ Identify outliers
- ► Compare distributions using averages and the range

Ⓗ denotes Higher Tier GCSE content

Ⓡ denotes 'review step' – content should have been covered earlier in KS3