**Student Assessment Sheet – Data Handling**

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| **Objective** | **Before teaching** | | | | **Date of lesson/s** | **After teaching** | | | |
| **Limited** | **Developing** | **Secure** | **Extending** | **Limited** | **Developing** | **Secure** | **Extending** |
| Find the mode, median, mean and range. |  |  |  |  |  |  |  |  |  |
| Use tally charts for discrete and continuous data. |  |  |  |  |  |  |  |  |  |
| Construct and interpret a pictogram. |  |  |  |  |  |  |  |  |  |
| Group data into Venn and Carroll diagrams. |  |  |  |  |  |  |  |  |  |
| Construct and interpret a bar chart. |  |  |  |  |  |  |  |  |  |
| Draw and interpret pie charts. |  |  |  |  |  |  |  |  |  |
| Draw and interpret a scatter graph. |  |  |  |  |  |  |  |  |  |
| Draw a line of best fit on a scatter graph and describe the correlation. |  |  |  |  |  |  |  |  |  |
| Draw and interpret a time series graph. |  |  |  |  |  |  |  |  |  |
| Calculate averages from a frequency table. |  |  |  |  |  |  |  |  |  |
| Calculate averages from a grouped data. |  |  |  |  |  |  |  |  |  |
| Construct and interpret a cumulative frequency diagram. |  |  |  |  |  |  |  |  |  |
| Use a cumulative frequency diagram to estimate the median and interquartile range. |  |  |  |  |  |  |  |  |  |
| Construct and interpret a box plot. |  |  |  |  |  |  |  |  |  |
| Compare two sets of data using box plots. |  |  |  |  |  |  |  |  |  |
| Construct and interpret a histogram with unequal class intervals. |  |  |  |  |  |  |  |  |  |
| Calculate a moving average and use a trend line to predict future results. |  |  |  |  |  |  |  |  |  |