**Student Assessment Sheet – Calculations and Accuracy**

|  |  |  |  |  |  |  |  |  |  |
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| **Objective** | **Before teaching** | | | | **Date of lesson/s** | **After teaching** | | | |
| **Limited** | **Developing** | **Secure** | **Extending** | **Limited** | **Developing** | **Secure** | **Extending** |
| +/-/x/÷ directed numbers. |  |  |  |  |  |  |  |  |  |
| Understand inverse operations. |  |  |  |  |  |  |  |  |  |
| Understand place value. |  |  |  |  |  |  |  |  |  |
| Understand and apply the correct order of operations (BIDMAS). |  |  |  |  |  |  |  |  |  |
| Calculate money problems. |  |  |  |  |  |  |  |  |  |
| Round to a given number of decimal places. |  |  |  |  |  |  |  |  |  |
| Round to a given number of significant figures. |  |  |  |  |  |  |  |  |  |
| Use place value to calculate changes to calculations. |  |  |  |  |  |  |  |  |  |
| Use a calculator for complex calculations. |  |  |  |  |  |  |  |  |  |
| Estimate answers to calculations. |  |  |  |  |  |  |  |  |  |
| Find upper and lower bounds. |  |  |  |  |  |  |  |  |  |
| Use inequality notation to specify error intervals due to rounding. |  |  |  |  |  |  |  |  |  |
| Find the upper and lower bounds of calculations with quantities given to a various degrees of accuracy. |  |  |  |  |  |  |  |  |  |