

## Enquiry Process Solutions

Phase of inquiry	What you might do	Elements of a high quality inquiry
<b>Specifying the problem and planning</b>	Identify the question to be answered  Identify what data is needed and how you will gather it  Identify potential for errors in data	Question outlines units to be used  Question clearly outlines all parameters of inquiry  Plan for gathering data is outlined
<b>Collecting data</b>	Collect and record the data you need to answer the question	All data shown in organised manner  All units shown  All relevant data shown  All data shown in the same units
<b>Processing and representing data</b>	Present the data in an appropriate graph, table etc  Perform calculations on the data  Draw lines of best fit and extrapolate	All calculations shown  All units are shown  Meaning of all values shown  All relevant details shown on graphs
<b>Interpreting and discussing results</b>	Use the data to answer the inquiry question  Interpret, infer and identify general patterns in the data  Evaluate accuracy of results  Identify areas for potential future inquiries	All results found in previous section clearly explained in terms on the initial question  The initial question is clearly answered  Any areas of potential error identified  Areas for future inquiries identified

