

# Predict

I can say what I think will happen during the experiment. I can suggest how a change in the *independent variable* will affect the value of the *dependent variable* (eg increase/decrease)

# Because...

I can say why I make that prediction. I can link this practical to other situations in science, or to ideas outside my lessons.

# Observe

I pay attention to the practical, seeing what happens. I check that apart from the chosen independent variable, all conditions are kept the same (*control variables*).

# Describe

I can use *verbs* and *adjectives* to sum up what happens during practicals. I include the general *pattern* and any exceptions (*anomalies*).

# Measure

I know how to record the results in numbers, using a *table* and *units*. I can quote data showing the pattern and any that don't fit. I can work out the *range* and *mean* of results.

# Explain

I can say if the pattern agrees with predictions. I can say if the results are *repeatable* and if the pattern is *reproducible*. I link the results to scientific ideas and uses in the real world.