

## The scientific enquiry cycle



Evaluate the quality of conclusions by considering factors that may have affected results. What further questions need answering?

#### Conclude 🗸

Summarise findings by seeking patterns, analysing data and explaining trends using scientific knowledge. Communicate using scientific language.

#### Question (?)



Pose questions based on observations; these may lead to a single statement to test.

### Plan and predict



Plan how to answer the posed question, drawing on knowledge of previous data collection methods. Consider variables for fair testing (where applicable) and predict outcomes.

# Observe, test and measure



Collect data (quantitative or qualitative) that will answer the posed question using planned methods and selecting appropriate equipment.

## Record



Record data in various ways (surveys, tables, charts, graphs) to support the identification of patterns and trends.