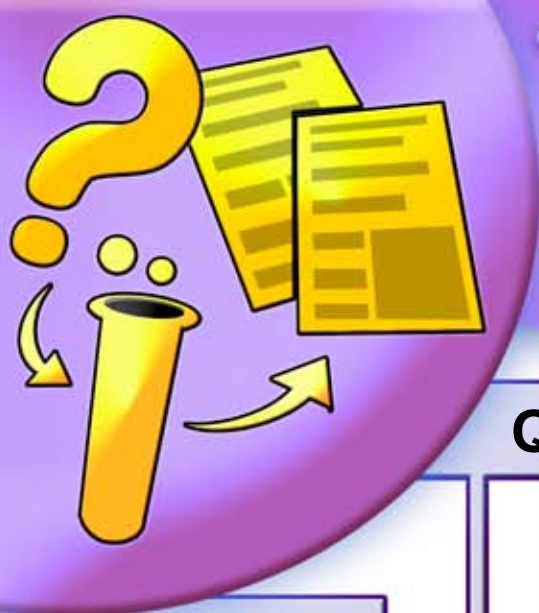


Scientific Method



Question

Ask a question or state a problem.
Develop a testable question.

Gather

Gather information by observation and resources.
(books, newspapers, magazine articles, or the Internet)

Hypothesize

Form a hypothesis, an educated guess about the outcome.
Make predictions based on cause and effect.

Experiment

Design and perform an experiment to test your hypothesis.
Follow written instructions for a scientific investigation.
Record data in ways that make sense.
(lists, charts, graphs, and labeled diagrams)
Multiple trials help to draw meaningful conclusions.

Conclude

Draw a conclusion by analyzing your results.
Decide if further information is needed for support.
Modify your hypothesis and re-design your experiment
if needed.

Report

Tell all about your experiment, from question to conclusion.
Make your data clear and easy to understand.