

Ask a testable question

Ask a question that can be answered with an experiment

Research

Find out about the topic using books and/or the Internet

Make a hypothesis

Make a prediction (an educated guess) about the answer

Plan your investigation

Write procedures and gather materials.

Collect and record data

Conduct the experiment and record data in a table.

Organize and analyze data

Make graphs or charts. Look for patterns.

Explain your results

Find out what your data means and report your findings.