

Scientific Method

???

Purpose

???

To what question do you want to learn the answer?

Background/Research

What do you know already? Find out more about your topic.
Define your terms.

Hypothesis

Make an educated guess about your purpose in "if...then" format.

Materials and Procedures

List what items you will need and write the instructions for what you will do to test your hypothesis.

Data

Make a chart or table to record your observations. Include several trials. Do not include graphs or explain your data.



Results

Explain your data from the experiment using charts & graphs.



Conclusion & Discussion

Was your hypothesis correct or incorrect? Why? What did you learn?
How is this related to everyday life? What does it teach us?
How is this related to the larger world? Why is your experiment important? What can you do next time to improve your experiment?