

The Scientific Method

Observation: Observe or think of something you have seen that interests you.



Question: Ask yourself a simple *measurable* question about it.

Background Research: Learn a little background information from books and reliable websites.



Prediction: Make a hypothesis—Guess what the answer to the question is based on your current knowledge.



Do you need to make a new Hypothesis?

Experiment: Design, conduct, and repeat an experiment to test the hypothesis.



Results: Make a graph or table of the results of your experiment.



Draw Conclusions: Do the results support your hypothesis?

Hypothesis Supported: Your results support your prediction.

Hypothesis Not Supported: Your results do not support your prediction.

Communicate: Make a poster and bring it to the Chugach Science Share!

