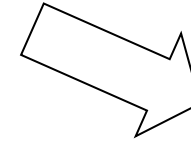


Define the Problem/Question:

- Scientists ask questions based on observations from their surroundings
- What do you want to learn/inquire about???



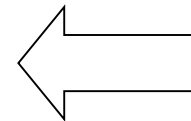
Research:

- Find as much information as you can about your topic.
- Various sources, when available.



Make a Hypothesis:

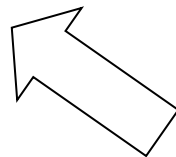
- Write an educated guess using the *if, then....* format.



THE SCIENTIFIC METHOD

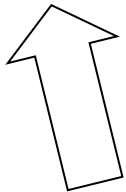
Plan an Experiment:

- Decide on a way to reliably test your hypothesis.
- Make sure to include your variables.
- Plan and gather all your materials.



Conduct the Experiment:

- Follow your steps in the procedure to conduct your experiment.
- Gather and record you data and observations.



Conclusion:

- Analyze the data you gathered during your experiment to come up with a conclusion.
- Include the following in your conclusion:
 - Was your hypothesis right or wrong?
 - Do I need to do my experiment again to find out more?