

- **What do you want to know about the world?**
- **Why do you want to know it?**
- **How can science help you answer the question?**



1. ASK A QUESTION

2. DO YOUR RESEARCH

- **See if anyone has asked your question before.**
- **Research similar questions.**
- **Ask others for advice.**



- **What do you think is the answer to your question?**
- **Why do you think it's the answer?**
- **Can your prediction be tested?**



3. FORM A HYPOTHESIS

4. TEST YOUR HYPOTHESIS

- **Design an experiment.**
- **Perform your experiment carefully.**
- **Record your data.**



- **Make a chart or graph.**
- **Compare your data to others'.**
- **See if your data fits your hypothesis.**



5. ANALYZE YOUR DATA

6. DRAW CONCLUSIONS

- What did you learn from the experiment?
- Was your hypothesis correct?
- What questions do you have now?

