1. Ask a Question

- What do you want to know about the world?
- Why do you want to know it?
- How can science help you answer the question?
2. DO YOUR RESEARCH

• See if anyone has asked your question before.

• Research similar questions.

• Ask others for advice.
3. **FORM A HYPOTHESIS**

- What do you think is the answer to your question?
- Why do you think it’s the answer?
- Can your prediction be tested?
4. TEST YOUR HYPOTHESIS

• Design an experiment.

• Perform your experiment carefully.

• Record your data.
5. ANALYZE YOUR DATA

• Make a chart or graph.

• Compare your data to others’.

• See if your data fits your hypothesis.
6. DRAW CONCLUSIONS

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