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?