The Scientific Method

Question

Identify the problem.
What do you want to know?

Research

What other background information do you need to understand the problem?

Hypothesis

What do you think will happen?
Make a prediction.

Experiment

Develop procedures to test your hypothesis. Record your observations.

Analyze

Look at your observations/data.
What do they tell you?

Conclusions

Do your data and observations support your hypothesis?
Summarize your experiment and results.