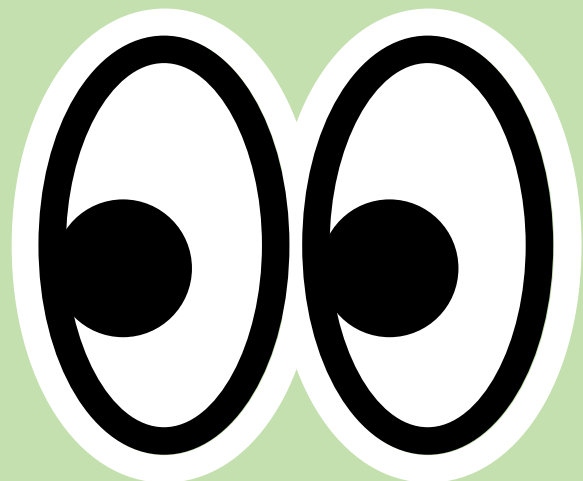


The Scientific Method

1 Observe a phenomenon.



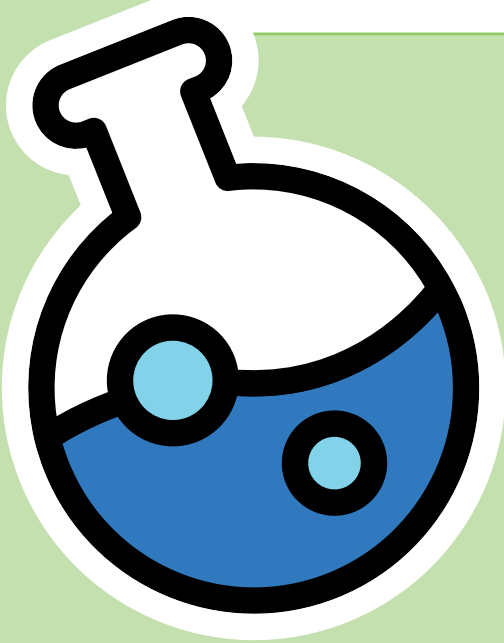
2

Identify a problem.

Ask a question.
Determine the purpose of your experiment.
Make a hypothesis.

3 Create an experiment protocol.

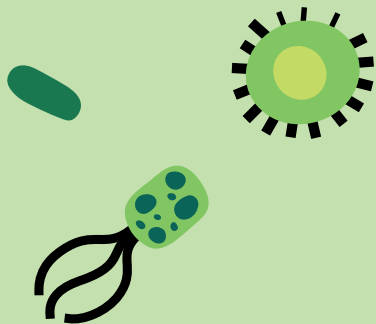
Determine the materials you will need.
Make a diagram of your setup if needed.
Determine the steps of your experiment.



4

Conduct the experiment.

Perform all the steps of your experiment.
Record your results in a table.



5 Analyze and explain your results.

Determine what your results mean.
Identify possible causes of errors.



6

Formulate a conclusion.

Review the purpose and the hypothesis.
Review the steps leading to the conclusion.

Remember that you can go back
and repeat a step at any time.

