

Scientific Method Printables





I. Ask a Question



Look around at the world.

What is something that you find interesting?

What are things that you are curious about?

Make observations, form questions.

I wonder why ...

How come ...

What happens when ...

Make a list of all your questions.

Choose a question to explore further.

2. Research Your Topic

Look for information.

Check out your library.

Look at online resources.

Ask an expert.

Record your new information.

Was your question answered?

Form your final question

3. State Your Hypothesis

A hypothesis is an educated guess.

Write your question:

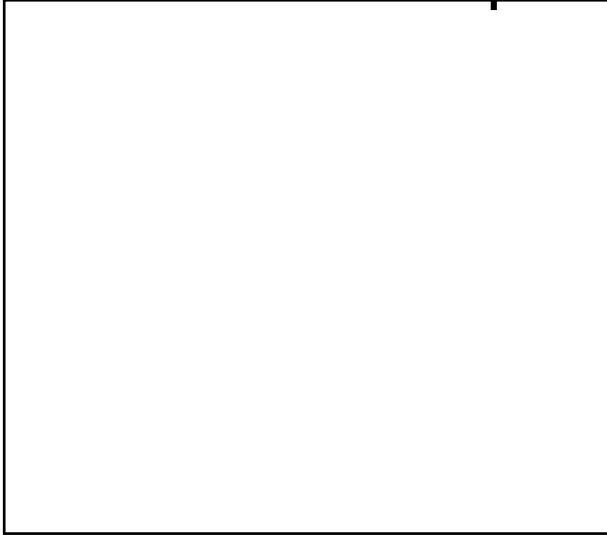
Write your question testable:

Brainstorm a way to test your question:

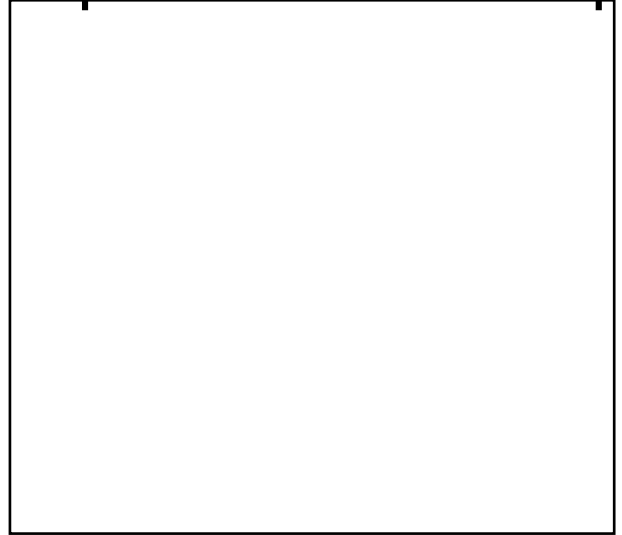
Form your hypothesis: (What you think will happen)

4. Test Your Hypothesis

Control Group



Experimental Group



Independent Variable: _____
(what you will change)

Dependent Variable: _____
(what you will measure)

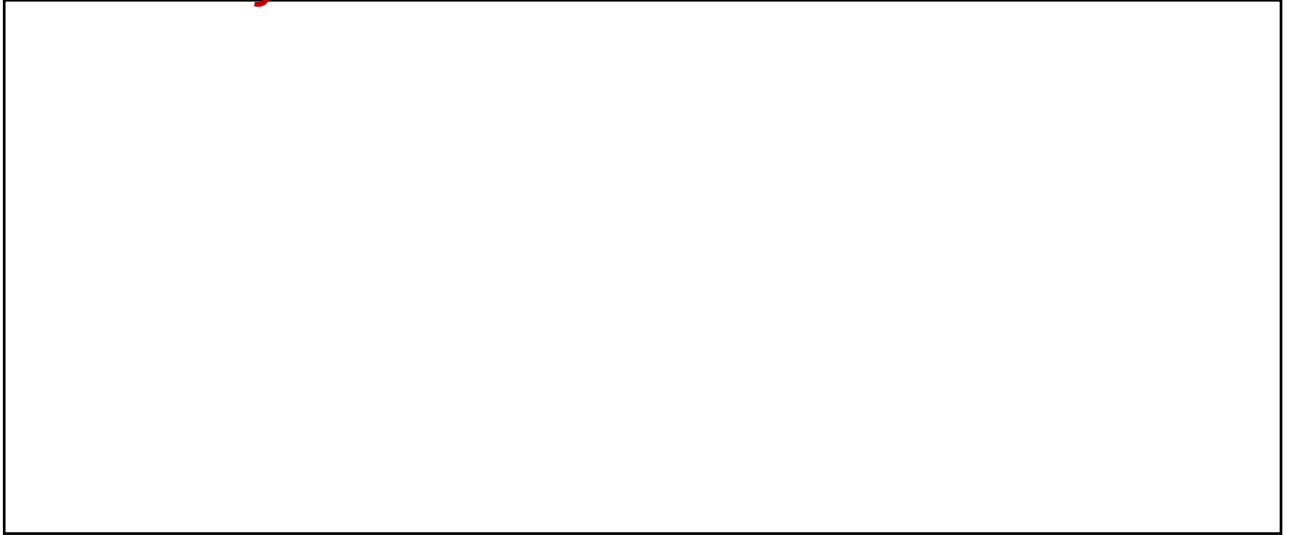
Controlled Variable: _____
(what stays the same)

Steps you will take:

1. _____
2. _____
3. _____
4. _____

5. Analyze Your Data

Gather your data:



Record what happened:

Was your hypothesis correct?



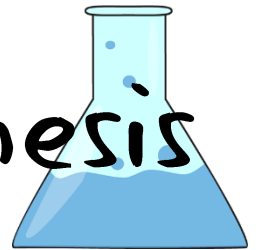
1. Ask Your Question

2. Research Your Topic

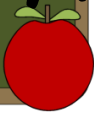


3. State Your Hypothesis

4. Test Your Hypothesis



5. Analyze Your Data



6. Report Your Results

