

Name: _____

Design Your Own Science Experiment

Pick a topic / Ask a Question (plant or animal):

Gather Information: What do you know about the topic in the question?

Identify the Problem: Write down 4 things that might affect your topic

Restate the Question with a cause and effect format: How does affect?

State an Hypothesis for your experiment: If.....then.....

Identify the Variables of your experiment:

Manipulated (Independent) - _____

Responsive (Dependent) - _____

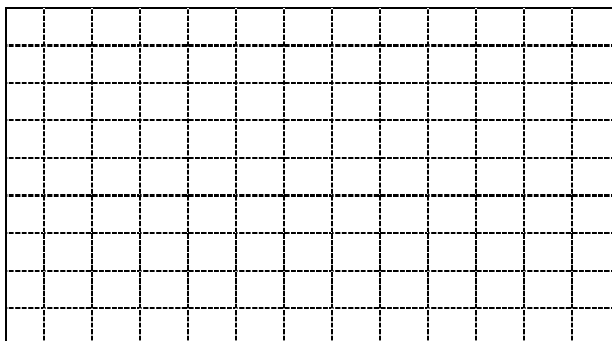
Identify two controlled variables of your experiment:

1.

2.

Make a Table of your data

Make a **Graph** of the data you would collect during your experiment:



Conclusion:

Compare with the Hypothesis -

Important finding -

Source of error

What do you do next, after you complete your experiment?