Name: _____

Design Your Own Science Experiment

Ask a Question:

_____

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

_____
_____
_____
_____
_____
_____
_____

Identify the Problem: Write down 4 things that might affect the situation

_____
_____
_____
_____

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) – _____

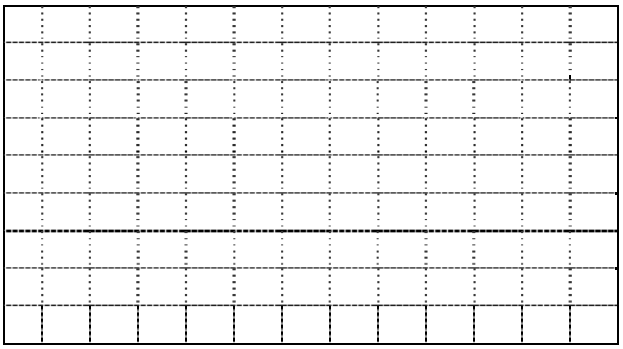
Responsive (Dependent) – _____

Identify two controlled variables of your experiment:

1. _____

2. _____

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



State a **conclusion** for your experiment:

Important finding –

_____

_____

_____

Compare with the Hypothesis –

_____

_____

_____

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

_____