My Experiment Report

Name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Class Period: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

**Step One: State the Question**

*Remember, your question must be something that can be tested. Make sure your research question is focused only on one variable, and does not address multiple independent variables.*

Question:

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**Step Two: Collect Information**

*It’s time to find out information about your topic. Narrow your topic enough to focus only on the most important parts of your experiment. Identify the independent, dependent and control/constant variables.*

IV: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

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CV: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

**Step 3: Form a Hypothesis**

*Remember that a hypothesis is a prediction about what you think might happen in your experiment. It is an “if…then” statement.*

Hypothesis:

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**Step 4: Test the Hypothesis**

*When you are planning an experiment, you should think of all the materials that you will need, as well as the procedure you will follow when conducting your experiment.*

List ALL materials:

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List each step that you will follow when doing your experiment (procedure).

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6. \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

**Step 5: Observe, Record, and Analyze Data**

*You are studying the differences in the independent variable, and recording how the dependent variable changes.*

Record your results below. You may use a table, chart, graph, tally marks, or a list.

**Step 6: Draw Conclusions**

*This is a summary of what you have learned from the experiment. Please make your conclusion at least 5 sentences, with the last sentence stating whether or not your hypothesis was supported.*

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