**Experiment Planning Worksheet for \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

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| What is your Investigable Question? |
| What is your prediction for what you think will happen in this experiment? |
| Give a solid reason for your prediction that uses relevant background information. |
| What is your *manipulated* (independent) variable? |
| What are your *responding* (dependent) variable(s)? |
| Make a list of additional variables you need to consider when doing this experiment |
| Explain how will you try to make sure your experiment is *a Fair Test* |
| Make a list of observations or measurements you will need to make while the experiment proceeds |
| Imagine you were giving specific instructions to someone else to set up your experiment for you. Below, create a step-by-step list of instructions for carrying out this experiment. |
| Make a list of materials you will need |
| Draw a picture of your experimental setup in your lab notebook. |