Group Members: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

**Science Fair Research Plan—35 points, due Wednesday, September 28**

Testable Question (1 pt):

Independent Variable (2 pts): Dependent Variable (2 pts):

🡪How will you measure your
dependent variable (3 pts)?

Hypothesis (3 pts): This should be in “If…, then…” format.

🡪What specific data would support this hypothesis (2 pts)?

🡪What specific data would refute this hypothesis (2 pts)?

Materials (5 pts):

Attach your detailed, step-by-step procedure. The procedure must include: (15 points)

* how you will set up your experiment (feel free to include diagrams!)
* numbered steps for conducting the experiment
* how you will take measurements throughout and after the experiment
* how you will analyze your data (include any data tables you plan to use to organize your data)
* Timeline—what steps will you be completing when? You will need to submit an update on October 23, and experiments should be completed by November 22.