

# Experiment Research Plan

This must be completed **BEFORE** you start your experiment.

Due to my teacher on \_\_\_\_\_

1. Problem/Rationale/Purpose to investigate (I want to know...):

---

---

---

---

2. Hypothesis (I think...because...):

---

---

---

3. Materials you plan to use:

• _____	• _____
• _____	• _____
• _____	• _____
• _____	• _____
• _____	• _____
• _____	• _____

4. Procedures you plan to use (step by step):

1. \_\_\_\_\_
2. \_\_\_\_\_
3. \_\_\_\_\_
4. \_\_\_\_\_
5. \_\_\_\_\_
6. \_\_\_\_\_
7. \_\_\_\_\_
8. \_\_\_\_\_
9. \_\_\_\_\_

5. Variables:

---

---

6. List of Safety Issues (possible issues):

---

---

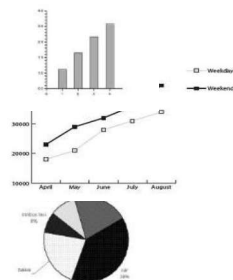
7. Data Analysis (how you will show data):

Which type of graph would best show my data?

Bar

Line

Pie



8. Bibliography (You must have at least **3** for elementary and **5** for secondary):

a. \_\_\_\_\_

b. \_\_\_\_\_

c. \_\_\_\_\_

d. \_\_\_\_\_

e. \_\_\_\_\_



### Online Resources



[www.sciencebuddies.org](http://www.sciencebuddies.org)

<http://www.ncsciencefair.org/>

<http://www.sciencefairadventure.com/>

<http://school.discoveryeducation.com/sciencefaircentral>

<http://www.jpl.nasa.gov/edu/teach/activity/how-to-do-a-science-fair-project/>

<http://www.education.com/science-fair>