Name:……………………………….

Scientific Investigation, including Time Line

1. Question (4/27)
2. Research (What do you already know? What do you need to know? 5/1)
3. Hypothesis (Format: if…..,then…….,because…… 5/5)
4. Design the experiment (5/12)
5. Make a list of materials
6. Identify Variables (independent, dependent)
7. Draw a diagram of the set up
8. Record Data (Table, Graph; 5/17)
9. Analyze Data (5/19)

1. Write a conclusion (refer to the hypothesis; 5/26)

Science fair Project Time Line

April 27st: Choose a science project
April 30th: Conduct research and write a testable question as part of your research paper
May 5th: Create a hypothesis and write up your experimental design
May 12th: Conduct your experiment and collect data
May 19th: Analyze your data and create graphs
May 26th: Write a conclusion

*May 30th: Create a display board to display your project
June 1st: Bring your display board to the science fair, Thursday, June 1st from 5-7 p.m.*

Resources:

**Motivation, Ideas**

<http://archimedesinitiative.org/whatsinitforme.html>

<http://www.sciencebuddies.org/science-fair-projects/recommender_register.php>

**Designing an environmental Science project**

<https://www.epa.gov/students/science-fair-fun-designing-environmental-science-projects>

**Science Fair SOS**

<http://www.artskills.com/sciencefairsos/>

**Science Fair Projects**

<http://www.ipl.org/div/projectguide/>

QUESTIONS/Notes