**4th 9 weeks Research Projects**

**Science Fair**

**Due Friday May 13th**

For this research project you will be creating a science fair project to share with the class. We will be discussing the criteria in class for the project as well as list it within this document. You will need to conduct an experiment of your choice, write down your results, and have a display board with information on it.

**Items needed for the poster board/experiment**

What problem/question are you trying to solve? \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Background Research- Find out information on how to conduct your experiment. \_\_\_\_\_\_\_\_\_\_\_

Hypothesis- What you think the results will be? \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

List of materials needed including safety materials.\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Experiment- List the steps to conduct the experiment.\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

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Observation Results- What happened when you did the experiment? \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Conclusion/Reflection- What do your results mean? Did things go the way you expected them to? \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Communicate your results by creating a poster board to share with the class.