

Maple Grove Elementary SCIENCE FAIR NOTEBOOK - 2020

Please bring with your display to set up on the day before the Fair

Student Name: _____

Grade/Teacher: _____

Project Question: _____

A. Ask a Question

What do you want to find out? Use your observations to help form your question. Describe how or why you think the observed things work in terms of a hypothesis (an initial guess) that can be tested.

My Question is: _____

My Hypothesis is: _____

My data, data charts, and graphs (if any) are found:

_____ in the Experiment Log (p.7) _____ on extra pages (attached)

B. Design your experiment/demonstration project

Make a list of what you will do to answer your question.

If doing an experiment, how will you test your hypothesis, what one or more things will you change (your variables) that will help you test your hypothesis. If doing a demonstration, how will you show how something works, a science fact or phenomenon, or how something is created.

My procedure, including the variables I plan to change or research to be done:

C. Perform your experiment/demonstration

a. Materials. For my project I used the following materials:

b. Observations. My observations (including anything unusual):

D. Summarize and Draw Conclusions

Explain what you learned from your experiment/demonstration. Was your hypothesis correct? Why or why not?

E. Resource List

List the resources you used to gather information for your project:

Encyclopedias/Books/Magazines/Websites	Author	Publication Date

Libraries/Museums Visited

Videos/Films

Organizations with Information / Websites

People Who Helped on Your Project

Who

What they did

F. Experiment Log

Use this log to record measurements or observations you make throughout your experiment. You may add as many additional pages as needed.

Date	Time	Measurements/Observation/Comments