

Halls of Wonder – Electricity & Magnets

Name: _____ Due Date: _____

Students will create a project on electricity or magnets for Halls of Wonder. The display board will need to be a poster board or tri-fold board to display all of the following requirements. The information may be neatly written in pen or marker; however, typing is strongly encouraged.

Requirements:

Your project must include:

- a) **Project title** (be creative and catchy)
- b) **Hypothesis** -What do you think will happen?
- c) **Procedures** - steps in building your experiment
- d) **Data/Analysis** (when applicable) – If you have to test your experiment a number of times, you will need this section (ex. Insulator/conductor test)
- e) **Conclusion** – What happened? Was your Hypothesis correct?
- f) **Pictures or graphs** – Should be related to your topic. Can be pictures of you building/testing your experiment.
- g) **1 paragraph giving background information** and facts about your topic.
- h) Generate **2 questions** for your audience relating to your topic. Include the answer but hide it!
- i) **1 paragraph reflection** – What did you learn from completing this project? What issues did you have? If you were to do the project again, what would you do differently? Why?

*You must have your experiment and board with you in class on the due date to show how your experiment works.

*You may **not** buy any kits that will help you build your experiment. All basic supplies such as a battery, 1 light bulb or wires can be provided by your classroom teacher if needed. We will collect these supplies after Halls of Wonder. Additional supplies will need to be purchased individually. Any perishable items such as lemons, fruits, and vegetables used will need to be replenished the day of Halls of Wonder.

*This project will be completed mainly at home with class time provided for specific support. You will have some class time to draft/complete the writing components for the project and a workday for assembling your board if needed (Date to be determined)

Tentative schedule:

_____ Week of ____ Class will review requirements and experiments and _____ choose individual experiments by Monday January 11th

_____ Week of _____ – In Class Writing Modeling and Work Time

_____ Week of _____ – Extended Class time for Assembling Board

_____ Day _____ Halls of Wonder!

My Experiment: _____

Student signature: _____ Date: _____

I understand that my child _____ is responsible for gathering the required materials for his/her project. I understand that this project will be completed at home with class time for writing and a day for assembling if needed.. I understand that the final project with a display board is due on Wednesday, February 3rd and the overall project is worth **2 test grades** (1 science and 1 writing).

Parent signature: _____ Date: _____

Halls of Wonder Rubric

Glue this to the back of your display board for grading.

Requirements: (points)	Scored:	Comments:
Neatness and Creativity (10)		
Project title, Hypothesis, & Conclusion (10)		
Procedures (10) – clearly written step-by-step		
2 questions for audience (5)		
Pictures/graphs/charts related to your topic and experiment (5)		
1 paragraph Reflection (10)		
1 paragraph for background information (10)		
Experiment (20)		
Knowledge of topic/Participation (20)		

Final grade: _____/100