

Science Experiments Control Sheet

(put your name at the beginning of the title then replace this line with a project description)

Science is in the business of asking questions, making observations, forming hypothesis, performing experiments, analyzing data, and then forming conclusions and publishing the information. For the next few weeks you will be "doing science" by running through that process with a topic of your choice. You will doing some of the work in class, but most of this project will be done on your own time and outside the classroom. Below is a list to you manage your time.

Step	Date Range	Your Notes or Comments
1. Review the scientific method and experimental design.		
2. Browse a variety of resources that list experiment ideas		
3. Think of some topics that interests you as well as a specific questions to ask.		
4. Determine the project category		
5. Post ideas on the form and monitor the spreadsheet for my comments and suggestions.		
6. Wait for my approval (when the line on the spreadsheet turns blue)		
7. Read some Science World articles on writing procedures, then write yours.		
8. Write topic, description, question, materials, procedure, and method of data collection.		
9. Conference with me about your proposal and revise as needed.		
10. Fill out the " measurements and units " form (view examples here)		
11. Explain your project to your parents.		
12. Perform your experiment and gather data.		
13. Read Science Worlds on organizing and displaying data, then do yours		
14. Analyze your data and write some conclusions		
15. Post all of the information about your experiment onto the science page of your website		
16. Present your experiment page to a parent and another adult and get feedback		