

Science Research & Exploration Project Using Technology

Your child will be researching a chosen topic, conducting an experiment or exploration, and displaying their work and results using technology. Much of the work will be done in class, but some will be done at home. Grades will be given based on the following:

- Notes on research: 10 points
- Exploration Project/Experiment: 30 points
- Use of Scientific Method: 10 points
- Display of All Information Using Technology: 50 points

(Organization/Accuracy of Information - 30 points, Creativity - 20 points)



100 points = 4+

95-99 points = 4

90-94 points = 4-

85-89 points = 3+

75-84 points = 3

70-74 points = 3-

65-69 points = 2+

55-64 points = 2

50-54 points = 2-

49 points & below = 1

****This project is due no later than Thursday, June 7th.****

Work in Class:

- Gaining background knowledge on topic
- Notetaking
- Understanding Scientific Method & researching project
- Finished Project using Technology (Keynote or Powerpoint Presentation)

Work at Home:

- Exploration/Experiment
 - Use scientific method & notes taken in class for experiment
 - Take photos or video of experiment (various steps) & store on flashdrive



Exploration/Experiment

You are to choose an exploration or experiment that is related to the topic you have chosen. Think of it as a science fair project for now. Please remember to choose an experiment that is grade-level appropriate. If unsure, please ask before beginning.

Remember to review the handout on the scientific method and use it to take your notes before, during, and after you test your hypothesis. A good resource I found on the internet for project ideas is: sciencebuddies.org. Click on the purple tab labeled, "Project ideas". Once there you can click, "Search the Projects Ideas Library." It seemed to give good, detailed information on how to conduct an experiment. I'm sure there are many other good sites out there too, if this one does not have what you are looking for.

Don't forget to take photos and/or video of the various steps of your experiment to document along the way. You will use these photos in your presentation slides for your finished project. Bring the information and photos (on your flashdrives) back to school so you can include them in your presentation.

If you have any questions, you can email me at:

lmiyoshi@nlmusd.k12.ca.us

Happy Exploring!!

Mrs. Miyoshi

