

Science Fair!!!

All students in 5th grade are required to complete a science fair project at home. The science fair will be held on **Wednesday, November 17th** from 5-7 pm in the gym. While this may sound far away, your students need to begin this project *NOW!* The area of focus for this project should be something your child is interested in learning more about.

Students have the option of working alone or with one other 5th grade student. They **may not** work in groups or with another grade level. I have talked with the kids in science class on several occasions about the expectations of the final product. All projects must have the five parts of the scientific process clearly labeled and completed on their visual display.

These five areas include:

1. Ask a **question**
2. Conduct **research** on topic
3. Make a **hypothesis**
4. Conduct **experiment** that includes data that can be put into charts, graphs, and pictures
5. Draw a **conclusion**

The final piece will be to create a tri-fold poster board that displays the experiment.

How to get started:

All students need to submit their original idea to Mrs. Fognani by Oct. 14th. We have ruled out volcanoes and mentos in coke, or any other idea that is repeatedly presented. Fill out the form below and receive a stamp of approval to begin.

*All projects should be able to be applied to the real world.

Project Idea : _____

Mrs.Fognani's Stamp of Approval



Timeline and Checklist for Investigations – Experiment Type Projects:

Week 1 – October 31 – November 4

- _____ 1. Select a Topic/Come up with a question
- _____ 2. Form a hypothesis/predictions of what the results will be
- _____ 3. Come up with a *Title* for the project
- _____ 4. Plan the experiment (or procedures)
- _____ 5. Make a list of materials needed for the project

Week 2 – November 7 – November 11

- _____ 6. Conduct the experiment and make observations (allow a few days to a few weeks for this depending on your experiment; *take pictures now* for your future display – they will help explain what you did)
- _____ 7. Results: graphs, tables, pictures
- _____ 8. Formulate your conclusions

Week 3 – November 14 – November 16

- _____ 9. Prepare your display (leave at least a week for this. It always takes more time than you think).
- _____ 10. Prepare and practice a 3 to 5 minute long oral presentation that summarizes your project's hypothesis, procedure, observations, results, and conclusions.

**Remember all projects are due on: Wednesday, November 16, 2010.
Project setup will be from 5:00 – 7:00 p.m. that evening.**