

2009 SCIENCE FAIR

HILL ELEMENTARY SCHOOL
THURSDAY, FEBRUARY 26TH
1:15-2:45 P.M. and 6:00-7:00 P.M.

Please sign up now for the 2009 Hill Elementary School Science Fair. It will be held on Thursday, February 26th. Set up will be from 12:45-1:15 p.m. Non-participating Hill students will get to see the projects from 1:15-2:45 p.m. Judging will also take place from 1:15-2:45 p.m. Parents can come view the projects from 6-7 p.m. that evening.

The Science Fair is a fun way to learn about science. Your project can be an experiment to answer a question or a demonstration of something interesting in science. You can do a project on your own or with one or more friends.

You will create a display to show the results of your project to family, friends, and the Science Fair judges. Grade K-3 projects will be "judged" in a non-threatening, positive way. Grade 4-5 projects will be graded in a positive manner with ideas on how to make the project and display better. Grade 5 will be able to participate in the city wide Pfizer-LPS Science Fair.

Fill out the registration form below and return it to the office by **Friday, January 30th**. After you sign up you will receive a handbook that will give guidelines and instructions for doing your project and creating your display. If you have any questions you can contact the Hill Science Fair Coordinator, Jodi Delozier at 420-6186 or tdelozier@pol.net. Thank you for participating and have fun!

1. Exhibitor's name _____
(Please print)

Partner with _____
(optional)

2. Circle your grade: K 1 2 3 4 5

3. Teacher's name _____

4. Circle the type of project: Experiment Demonstration

Project topic (if you've already decided): _____

5. I will need an electrical outlet (circle one): Yes No

6. Required: Student Signature _____

Parent or Guardian Signature _____

7. Phone number _____

FREQUENTLY ASKED QUESTIONS:

What are the steps involved in doing a science fair project?

1. Choose a scientific topic that is interesting to you. Some possible categories include:
 - Life Science – plants and seeds, animals, life cycles, body structure, the five senses, health and nutrition
 - Earth Science – air, water, weather, the Earth, ecology, space, geology
 - Physical Science – solids/liquids/gases, energy, light, sound, simple machines, magnetism, electricity, chemistry
2. Research the topic using the library or internet. Keep track of your references because you will need to include a list of them in your project.
3. Decide if you want to do a demonstration or an experiment:
 - In a **demonstration** you will do or show something to illustrate an interesting concept in science. A demonstration is used to teach how something works. For example, you could build an electrical circuit that uses a battery to light a bulb. You could use the circuit and your display to explain how electricity works.
 - An **experiment** involves setting up some kind of a test. Think of a question about your topic and perform experiments to get an answer. For example, you might ask if bean seeds would grow faster in the light or the dark. You could experiment by planting seeds in two different cups, and keeping one near a window and another in a closet. Measuring the growth of each plant will allow you to answer the question.
4. Prepare the demonstration or perform the experiment.
5. Prepare your project display according to the guidelines in the LPS Science Fair Handbook (this will be provided to you within a week or two after you sign up). This is usually done using a tri-fold cardboard display board, which is available in most office supply, craft, and discount stores. This board will be set up on a table at the fair, with your experiment or demonstration materials placed in front.
6. Bring your project display to the Hill multi-purpose room on February 26th for the Science Fair. A judge will look at your project and ask you questions about it. He or she will use a judging form to grade your project. Copies of the judging forms will also be included in the Science Fair Handbook. Reading these forms will tell you what things the judges will be looking for.

What if I need help with my project or can't think of an idea?

There are many different resources you can use for help with your project, including:

- Your teacher
- Your parents
- Library books (ask the librarian to help you find Science Fair books)
- The internet. There are many websites that can help you including:
 - <http://www.sciencebob.com/lab/sciencefair/sciencefair.html>
 - <http://school.discovery.com/sciencefaircentral/>
 - <http://www.all-science-fair-projects.com/>
 - <http://kids.yahoo.com/science/index>