



2010 Rose Hill Elementary PTSA Science Fair Information and Entry Form

The 2010 Science Fair is Thursday, March 11th! The fair is open to all students at Rose Hill Elementary. The objective of the Science Fair is to explore science with a hands-on approach and reinforce classroom learning. Important information is contained on the next few pages:

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Important Dates and Times

February 24th: Last day to turn in entry form to **front office** (attached)
March 11th: Project Set up in the afternoon (detailed schedule will be sent in a confirmation packet)
March 11th: Science Fair 5:30 – 7:00 pm
March 11th: Project clean up 7:00 – 7:30 p.m.

Students: Some classes are required to participate. Please check with your teacher for more specific guidelines if your participation is required.

Parents: A parent's role is to encourage, supervise, provide materials and proofread written items before the final display is assembled. Help children gather the materials and supplies necessary and be available to oversee their progress. Encourage questions and discoveries, but make sure the child is doing the work. Give them plenty of chances to explore, learn and exercise some new skills or even exercise old skills more independently. This science fair will not be judged, it is not a contest, so let students complete their projects to the best of their ability, even if it doesn't seem to you like it would be "up to standard." **Simple projects are the best!**

Thank you,

Rose Hill Elementary PTSA

Note: Contact **Jennifer Pence** at jenericp@verizon.net or **Kim Haber** at khaber@lwsd.org with any questions.



ENTRY FORM

PLEASE TURN IN TO FRONT OFFICE BY Wednesday, February 24th 2010

NAME(s): _____

PHONE NO: _____

GRADE/TEACHER: _____

PROJECT TITLE: _____

Brief Project Description:

Soon after you turn in this entry form, to the office, you will receive a confirmation packet with additional information on the fair and schedule for project set up.

My project will include water or liquids Yes _____ No _____

My project requires a power outlet: Yes _____ No _____

My project does not include: Live animals, dangerous chemicals, open flames, projectiles or explosives.

Please initial _____.

General Rules and Guidelines:

1. All projects must be safe!
 - a. Live animals, dangerous chemicals, open flames, projectiles and explosives may not be used.
 - b. Any project that is deemed unsafe or inhumane will not be displayed; this will be determined by the Science Fair committee.
2. All students will be responsible for removing their displays, as well as leaving their area neat and clean.
3. If your project includes water or liquids, you **MUST BRING YOUR OWN PAPER TOWELS** and a tray to catch the liquids.
4. Running water, drainage, gas, or compressed air will not be provided.
5. Electrical power is very limited and cannot be guaranteed. Available power will be on a first come first serve basis (get the entry form in early).
6. Any project with liquids, especially volcanoes, must be presented inside a tub or basin. And, again, the participant must bring at least one roll of paper towels.

The Scientific Method

Note: Please modify this as appropriate for your child's grade and readiness level. For example, a Kindergarten write up may be less extensive than a third grader's.

| Step | Description |
|------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Question | <ul style="list-style-type: none">• Starts with "How will" ...• Uses the verb "affect" |
| Prediction | <ul style="list-style-type: none">• "If...Then" sentence that relates to the question |
| Materials List | <ul style="list-style-type: none">• Looks like a list• Includes specific amounts |
| Procedure | <ul style="list-style-type: none">• Steps are in a logical order• Each step begins with a verb• Repeating trials is mentioned• Recording results is mentioned |
| Data Collection | <ul style="list-style-type: none">• Clear and organized (table format recommended)• Shows data for each trial• Shows average |
| Conclusion | <ul style="list-style-type: none">• Investigative question is answered• Was your prediction correct?• Highest and lowest data are given as support• Comparing words are used |

SCIENCE FAIR PROJECT IDEAS, WEBSITES AND RESOURCES



Websites

- http://www.sciencebuddies.org/mentoring/project_ideas.shtml
- <http://www.all-science-fair-projects.com/category0.html>
- <http://school.discovery.com/sciencefaircentral/elmers/250projectideas.html#behavioral>
- <http://www.scienceproject.com/>

RHE Library Books

- Please see your librarian, Ms. Tracy, for help finding books about science or Science Fair projects.
- You can also go to Rose Hill Elementary's online resource list
<http://lwsdlib.lwsd.org/common/welcome.jsp?site=411>

King County Public Library Books

- *50 Nifty Science Fair Projects*,
by Carol Amato
- *100 Amazing Award-Winning Science Fair Projects*,
by Glen Vecchione
- *1,001 Ideas for Science Projects on the Environment*,
by Marion A. Brisk
- *Blue Ribbon Science Fair Projects*,
by Maxine Haren Iritz
- *Championship Science Fair Projects: 100 Sure to Win Experiments*,
by Sudipta Bardhan-Quallen