Oral Presentation

Be able to show your knowledge to the judges by being ready to answer the following questions:

- Describe the question.
- Describe the hypothesis.
- Describe the experiment.
- Describe the results.
- What did you learn?
- How can this be used in the real world?

Unacceptable for display at school:

No live animals or plants, glass, sharp items, liquids, chemicals, gases combustible materials, batteries with open top cells, microbial cultures or fungi (living or dead), animal or human parts, open or concealed flames, aerosol cans of household solvents, controlled substances including poisons or drugs, and any equipment or device that would be hazardous to the public.

BOTTOM LINE: Students should only bring display boards and journals to school.

UNC- Charlotte Regional Science Fair 2012

All 3rd – 5th grade students are eligible to enter the UNCC Regional Science Fair. This is a great educational opportunity especially for kids with an interest in Science or Technology!

It is not necessary to win or place at Beverly Woods Science Fair to enter the UNCC Regional Science Fair.

Online registration for the UNCC Regional Science Fair must be completed by January 20th, 2012 at http://education.uncc.edu/cstem

The UNCC Regional Science Fair is being held on February 4th, 2012.

Questions?

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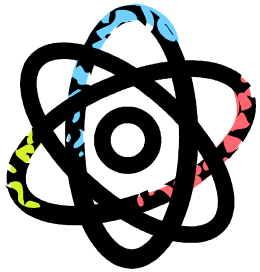
Beverly Woods Elementary School

Science Fair



2011-2012

Important Dates

- ***Project Registration Due***
  December 1 – January 16
- ***Projects Due In Classrooms***
  Tuesday, January 24
- ***Oral Presentations & Project Judging***
  Wednesday, January 25
  8:15 am-2:00 pm
- ***Science Fair Parent Night***
  View Projects: Jan. 26, 6:00 pm
  Awards Ceremony: 6:45 pm

Science Fair Registration

Student Name_____

Teacher_____

Grade_____

Proposed Project Title:

_____

_____

Parent/Guardian Signature:

_____

Please cut out and return to your homeroom teacher

Start Your Project

It is time to pick your science project. It is best to find a subject that interests you. If you are unsure what you want to do, the school and public libraries have books which contain great science project ideas. Also check these websites for more ideas:
www.sciencebuddies.com
www.all-science-fair-projects.com
www.sciencemadesimple.com
www.terimoore.com

When you finish this step you should know:

- Problem/Purpose -What question you are trying to answer with your experiment?
  - Hypothesis – What do you think will happen in your experiment? (This should be your prediction as to what will happen before you do your experiment.

Project Journal

As you begin your experiment, you want to keep a project journal. A project journal is the handwritten records of your project. (This is your rough work and should not be perfect!) A project journal should include:

- How you got your idea. This should include any additional information you learned about your subject when you did your research.
- What you did for your experiment? Be sure to write down all the materials you use as well as each step of the experiment.
- Your results as you collect them. What were your observations?
- Works cited – If you used outside sources such as books, articles, or websites, be sure to give them credit.

Experiment

Now for the fun part, conduct your experiment! Remember to use any necessary safety precautions. If possible, repeat your experiment at least 3 times to be sure you have accurate results. Consider taking some pictures as you perform your experiment so that you can show everyone what you did on your display board.

Display Board

It's time to gather all your information and put it together to present your project. A standard 36" tall x48" wide tri-fold display board works best. The display board is meant to share your experiment with observers and judges. This information may be handwritten or typed. Some of it will already be in your project journal in rough form. You should NOT need to repeat your experiment at school. You should only have your board and journal at school. Your project should contain the following:

- Title
- Purpose– What question were you trying to answer with your experiment?
- Hypothesis – What did you predict would happen during your experiment?
- Materials – What supplies were needed to conduct your experiment?
- Experiment (or Methods) – Write exactly what you did in your experiment, so that someone else could do your experiment by following your directions.
- Results/Analysis - What did your experiment find? Tables, graphs and figures are good ways to display your data. Be sure to put clear titles and labels so that other can read your data.
- Conclusions - Interpret your data. Did your results support your hypothesis or not? If not, what might explain the results you did get?
- Summary – 1-2 paragraph summary of your project. (3^{rd} – 5^{th} grade only)