



2019 Beverly Woods Elementary Science Fair



Students – put on your thinking caps and start designing your experiment! The BWE Science Fair will be here soon. See below for details.



Bring Projects to your Classroom: Tuesday, March 5

Project Judging and Oral Presentation: Thursday, March 7

Science Fair Gallery Crawl: Friday, March 8 (to be coordinated by grade level)



For more information, check out the **BWE Science Fair wiki page** at:

<http://schools.cms.k12.nc.us/beverlywoodsES/Pages/BeverlyWoodsScienceFair.aspx>

or contact:

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PLEASE NOTE: The Science Fair is voluntary for all students. Students in Grades K-2 who complete projects will present their projects to their classroom and will be judged at that time by BWE 5th grade students. Students in Grades 3-5 that complete projects will present them as in previous years to outside judges in the gym. A project journal will not be required.

*****Turn Over Page for Guidelines*****



How to Complete Your Science Fair Project

Guidelines for ALL students

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.education.com/science-fair/

www.ars.usda.gov/oc/kids/fair/ideas/

www.si.edu/Encyclopedia_SI/nmnh/buginfo/scifair.htm

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.)

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.

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, controlled substances including poisons or drugs, and any equipment or device that would be hazardous to the public.

Display Board

It's time to gather all your information and put it together to present your project. A standard 36" tall x 48" 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. DO NOT repeat your experiment at school. You should only have your board at school.

Your display board should contain the following information:

- Title, Student Name, Teacher and Grade
- 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. Include photos or sketches to describe your experiment.
- 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 others 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?
- Works Cited – If you used outside sources such as books, articles or websites, be sure to give them credit.

