

BROOKHAVEN HIGH SCHOOL SCIENCE FAIR

All students are encouraged to participate in our Science Fair on Wednesday, Feb 16. The Fair will be judged during the day and medals will be awarded to each participant.

Guidelines: All information, templates, websites and forms can be found on the Brookhaven website www.columbusbrookhaven.org

1. Projects can be done by one student or by two students working as partners. Fair project work will need to be done at home as much as possible. Teachers will help you when needed. Superior projects will be eligible for the District contest in March at Columbus State Community College.

2. Your project must start with a testable question and then solve it. Your project cannot be a report that shares information only. Many Ideas and suggestions are available on the internet by searching for "science fair projects" or by going to this website: <http://school.discoveryeducation.com/sciencefaircentral/Getting-Started/idea-finder.html>

2. Once you have decided on a topic, fill out the Project Proposal, have your parents sign it and then go over it with one of your teachers. Project proposals are due no later than Jan 7 to give students time to work on their projects.

3. A science fair project has three parts:

A. A research report that must be at least one page long with a separate title page. Your report must include:

- A separate title page that has the name of your project, your name and the date on it.
- Project proposal signed by parent and teacher
- Hypothesis
- Background research
- Experiment design
- How data was collected
- Conclusion and answer for your hypothesis
- 3 references that you used (The Automatic Bibliography & Citation Maker <http://www.easybib.com/>) can help you put these references into your report.
- A notebook journal must be kept as the student works through background research, the experiment, results and conclusions.

B. A display board, powerpoint, prezi, cartoon movie or other presentation software that shows your project. You can purchase a display board at WalMart for \$4.00. The presentation should contain these items:

- Title
- Hypothesis you are solving
- Research that you did
- Materials needed

- Procedure
- Variables
- Results and conclusions
- Pictures are good

C. Oral presentation. You will present your project to a judge on Feb 16. Your display presentation and research report must be part of your presentation. You will need to talk about what question you chose to work on, how you did your research and what your conclusions were. You should dress neatly for your presentation.

4. Use of animals is discouraged. All projects must meet safety guidelines. Questions can be directed to any of your teachers.

Websites that are helpful:

<http://school.discoveryeducation.com/sciencefaircentral/>

<http://www.all-science-fair-projects.com/>

http://www.sciencebuddies.org/science-fair-projects/project_ideas.shtml

<http://sciencefairproject.virtualave.net/>

<http://www.sciencefair-projects.org/>

