

2019 BMES Science Fair

Brief

- Who:** Bells Mill Elementary School
- What:** 2019 Science Fair
- When:** **Friday, April 12th**
- Set up: 8-9:00am (All Purpose Room)
 - Session I: Daytime viewing: 9:30 – 11:15am
 - Session II: Community viewing: 7-8:00pm
- Where:** All Purpose Room
- Why:** Interdisciplinary experience fostering creativity, developing confidence, and fostering a spirit of scientific inquiry
- How:** “It takes a village” Teachers, Parents, Children, Volunteers

Science

- Club Bells Mill: Up Up and Away! Featuring Mad Science of Washington
- PTA: Traveling Planetarium (K-3)

Registration

PTA Sponsored event supported by parents, teachers, students and BMES community.

Sign-up genius:

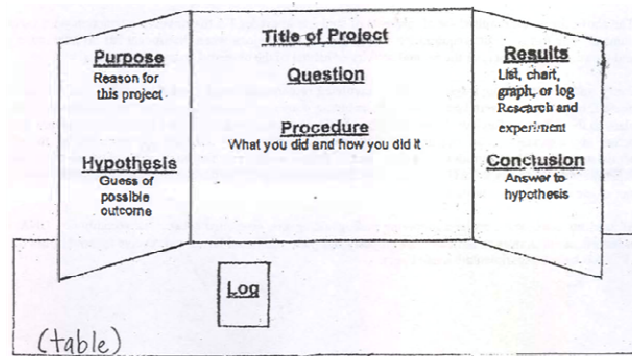
- Student Participation (Name, Teacher, Science Project ID)
- Volunteers

Science Fair Participation

- Choose a topic that will allow you to do an experiment to answer a question.
- Guide your young scientists
- Equipment
- Poster Board or Presentation
- Bring presentation to school
- Participate in presenting

Science Project Display

- Display should clearly show what the experiment was about and that the scientific method was followed during the experiment.
- Guideline of information
- Question may be the title
- Photographs, graphs, charts and drawings should be used to show procedure, observations, and results of the experiment.
- Write name, grade, and teacher's name on the BACK of your science project display.



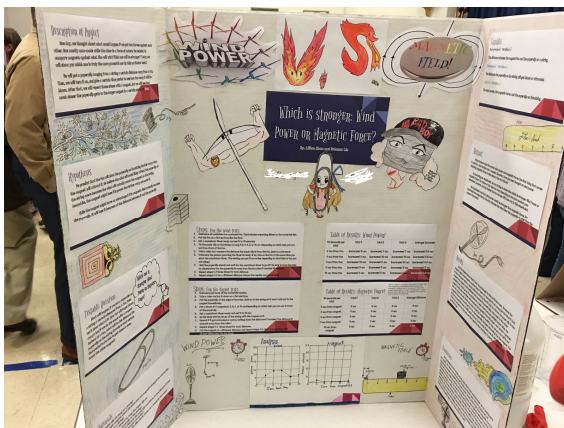
How to Prepare a Science Fair Project

- **Select a Topic:** choose something your interested in and something you want to learn more about. Talk to teachers, parents, or librarians for ideas. A hobby might lead to a good topic. Choose a topic that will allow you to do an experiment to answer a question.
- **Purpose:** tells why you are doing the science project and what you hope to learn.
- **Hypothesis:** make a guess about what you think is going to happen when you perform experiment.
- **Research:** After topic has been selected, start research process. Read books and articles about the selected subject.
- **Experiment:** Plan and organize an experiment. Collect needed material. Perform experiment under controlled conditions. Keep careful records in a special notebook.
- **Procedure:** Write the step-by-step procedure you plan to follow to perform experiment. Write daily procedure, date, observations, and results in a log or journal.
- **Data** – record data
- **Results** – summarize using charts and graphs
- **Conclusion:** Write conclusion and compare what happened to your hypothesis.
- **Exhibit:** This is the visual presentation of your project, so prepare carefully using graphs, charts and clear bold lettering to highlight display. Take pictures or make drawings of experiment.

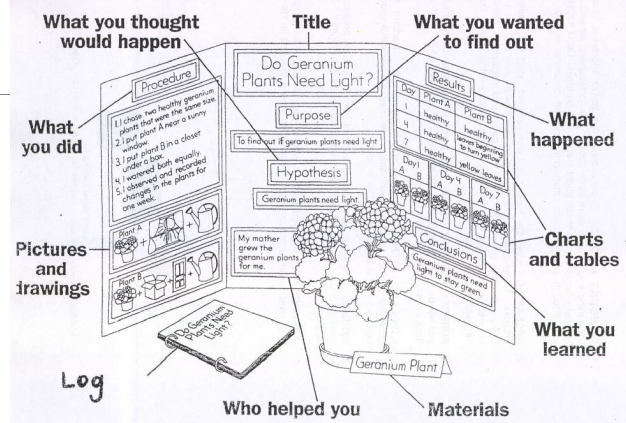
Science Research Poster

- **Science Poster** – youngest children who are curious about a science topic. Child will research topic and create an informative poster on the topic.
- Use at least 2 sources of information
- Prepare a poster attractively presenting the information
- Models and collected must be neatly presented
- Be knowledgeable of the research and able to present

Sample Poster



Displaying a Science Fair Project



About Science Projects

- Projects must be safe. All material/setup must be durable and safe.
- Project must not hurt anyone or not hurt animals.
- Dangerous chemicals are not allowed.
- No open flames are allowed.
- Each project (poster/demo setup) is limited to a tabletop area approximately 36 x 48", and should be able to stand by itself. We recommend using a tri-fold display board.
- On the top right corner of the poster board, please use marker to write the grade of the young scientists.
- Students can team up in a project

What will young scientists receive?

- A memorable hands on experience
- Ribbon
- Certificate with their name

Any questions?

Contact information:

- Ms. Jennifer Dugan jdugan.jdugan@gmail.com
- Ms. Jia Li jiali.lgw@gmail.com

Thank you for your participation!