

BUCKINGHAM ELEMENTARY SCHOOL PTO 2017 SCIENCE FAIR APPLICATION
Secondary Grades 4 - 6

The Buckingham Elementary School Science Fair will be held on Wednesday, April 19th and Thursday, April 20th, 2017. (Open house will be Wednesday, April 19th 6:30 – 8:00pm). If you would like to submit a project, **please return this application to the office or Mr. Radcliff (6th grade) NO LATER THAN April 6, 2017.**

Please note: If you do not submit this application, there may be no space for your project at the fair. **If you are entering a combined project, EACH STUDENT MUST SUBMIT A SEPARATE APPLICATION.**

Please **PRINT CLEARLY.**

Name: _____ Grade: _____ Teacher: _____

I am submitting:

- _____ An individual project
- _____ A combined project – 2 students (Please write your partner's name below)
- _____ A class project

My partner is: _____ Grade: _____ Teacher: _____

Project Title: _____ (optional: when signing in-we will check title)

Brief Description of Project:

***Note: no liquids or chemicals of a corrosive nature permitted in the gymnasium due to the floor; limited electricity available.**

***Note: No perishable items will be allowed in the gym with projects before Tuesday, April 18th drop-off.**

***Official rules are located on the Buckingham website: <http://www.cbsd.org/buckingham>**

I have read and understand the rules* and would like to submit a project.

(Student signature)

(Parent signature)

(Parent Name – please print)

(Phone number)

Parent Volunteers appreciated. Please check one or more times below.

- _____ I am able to help during project drop off on Tuesday, April 18th from 3:30 – 5:00pm.
- _____ I am able to help during project drop off on Wednesday, April 19th from 7:45 – 8:15am.
- _____ I am able to help during project take-down on Thursday, April 20th from 2:30 – 3:30pm.



BUCKINGHAM ELEMENTARY SCHOOL PTO 2017 SCIENCE FAIR APPLICATION
Secondary Grades 4 - 6

STEPS TO PREPARE A SCIENCE PROJECT

1. Select a topic. The Internet (search Science Fair projects) and the library are great sources for ideas. Mr. Radcliff will also have links on the school website. Remember a Science Fair project is a test or investigation to find an answer to a question, not just to show what you know about something. What question do you want to know the answer to?
2. Gather background information. Gather information about your topic from books, magazines, the Internet and people with knowledge about the topic you are interested in. This also includes surveys! Keep notes of where you get your information.
3. Make a schedule. It takes time to visit the library, buy supplies and record information.
4. Construct an exhibit or display. It has to be neat, but it does not have to be typed. Make it fun, but be sure people can understand what you did. Tri-fold poster board works well to display your information and helps displayed data stand alone.
5. Experimentation, creativity, and discovery are encouraged.
6. Practice presenting it. Practice explaining your project to someone. **YOU WILL HAVE AN OPPORTUNITY TO PRESENT YOUR PROJECT TO YOUR CLASS.**
7. If your project doesn't turn out the way you expected it to, it is still a Science Fair project. We still want your project at the fair.
8. Come to the fair, feel proud of your accomplishment and learn something from your fellow students. Most of all have fun! See you there.

SCIENTIFIC METHOD FORMAT

Run a controlled experiment and record data. Do the experiment using the method below. Keep notes and write everything down.

- **PROBLEM** – What is the question you want to answer?
- **HYPOTHESIS** – What do you think will happen when you perform your experiment?
- **PROCEDURE** – Collect and study your data. What steps did you follow as you performed your experiment? Be sure to include a list of materials.
- **RESULTS** – What happened after you conducted your experiment? List what you observed.
- **CONCLUSION** – What did your experiment prove or disprove about your hypothesis?