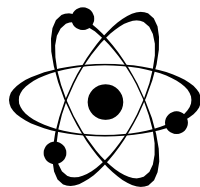


2017 NBS SCIENCE FAIR



North Boulevard is proud to announce the **5th Annual STEM Science Fair**, to be held on **Friday, February 17th** ! All NBS students in Grades 2 through 5 are invited to participate, and family members are invited to see all of the projects during fair viewing hours (details to be announced).

Students may work by themselves or with one other partner in the same grade. Each grade level has a specific curriculum-based science theme:

- **Grade 2: Earth Science**
- **Grade 3: Life Science**
- **Grade 4: Inventions** (improve an existing idea or create a new one)
- **Grade 5: Physical Science, Math, Technology**

Your child's teacher will have plenty of project ideas to suggest, and both the school library and the Pequannock Township Library have books specifically written about science fair projects. The internet is also a great resource for project ideas!

IMPORTANT:

- **Science Fair Proposal Form**...every child must submit a signed proposal to his/her teacher by **Friday, January 20th** (1 form per project)
- **36" x 48" tri-fold display board**...required for every project. You can either purchase one on your own (about \$8 at Staples) or through the HSA for a discounted cost of \$3.00 cash (please send in \$ with your proposal by **Friday, January 20thth**).

Every student will be awarded a ribbon for participating :) We hope that with your encouragement and support, your child will enjoy participating in the fair with a project that

will cultivate his/her interest in science. We look forward to providing this exciting experience for your young scientist!

Sincerely,

The Science Fair Committee

Questions? Contact Jenn Spillane at jenninc2@gmail.com

Science Fair Guidelines

General Guidelines*

- Students may work alone or with a partner in the same grade.
- Work exhibited should be done by the student(s). Help from parents, teachers, or professionals is fine, but the student must do his or her own work.
- Project materials should not cost any more than \$50 to build/prepare.
- All projects must be approved by the Science Fair Committee.
- Due to limited space, the project must be no larger than the width of the display board (48").
- Students are responsible for the setting up and removal of their projects. Set-up will be first thing on the morning of the fair, February 17th (students only, please).
- Projects must be taken home at the end of the day.
- There should be no "give-aways" distributed to students from project participants or stations ie: balloons or other items.
- If a food item is included it may NOT be consumed by any student during the Fair

Safety Guidelines*

For the safety of all, the following elements will NOT be allowed:

- Projects requiring an electric outlet (battery power only)
- Live animals, including insects.
- Dangerous/caustic chemicals, drugs, or dry ice
- Food or drink meant for consumption at the science fair
- Use of heat, flame or explosives
- Sharp instruments, blades, glass or other hazardous objects

****Principal Loeffler reserves the right to turn away any projects that do not meet all guidelines!***

Science Fair Project Proposal Form



Please complete this form with your child and submit to his/her teacher
no later than January 20th.



****Students working with a partner only need to submit this form once.***

Project Title (for example, "Potato Powered Clock"): _____

The question I intend to investigate/the project I intend to explore is: _____

Materials I plan to use: _____

- Does your project idea satisfy all of the science fair general guidelines?
- Does your project idea meet all of the safety guidelines?
- Do you have enough time to practice demonstrating your project at home before the science fair?

Sign me up! I am ready and willing to commit to my science fair project!

Student #1 name: _____ Class: _____

Student #2 name (if applicable): _____ Class: _____

Science Fair Permission Slip

I give my child permission to participate in the NBS Science Fair. I have read and understand the above guidelines with my child and believe he/she can follow through with the project. I plan to support my child and encourage him/her to complete the project independently.

Parent #1 Signature: _____ Date: _____

***EMAIL ADDRESS:** _____

Parent #2 Signature (if applicable): _____ Date: _____

YES! Please order a display board for my child. I have enclosed \$3.00 CASH.

YES! I am willing to help the day of the science fair if needed.

Committee Review/Approval: _____ **Date:** _____

DISPLAY GUIDELINES

Grades 2, 3 and 5

Once you've asked your question, developed your project, conducted your experiment and recorded your results, you are ready to construct your display. A traditional science fair display board will organize your project highlighting the scientific method. Please organize your tri-fold display board according to the following guidelines:

[LEFT PANEL]	[CENTER PANEL]	[RIGHT PANEL]
Question	PROJECT TITLE	
Hypothesis	Data	Results
Experiment	(Illustrations/Photos)	
Procedure		Conclusion
Materials	(Graphs/Charts)	

Your time to shine!

Your project title and other headings should be neatly written and large enough to be read at a distance of 3 feet.

Don't forget your name and grade at the top of the board!

DISPLAY GUIDELINES

Grade 4 - Inventions

Once you've asked your problem or need, developed a new invention (or improved upon an existing one), conducted your experiments and recorded your results, you are ready to construct your display. A traditional science fair display board will organize your project highlighting the scientific method. Please organize your tri-fold display board according to the following guidelines:

[LEFT PANEL]	[CENTER PANEL]	[RIGHT PANEL]
Problem or Need	PROJECT TITLE	Data/Chart/Graph
Hypothesis	Steps in Designing/Testing Invention	Results
Materials	Labeled Diagram of Invention	Conclusion
Project Summary	Pictures of Invention in Use	

Your time to shine!

Your project title and other headings should be neatly written and large enough to be read at a distance of 3 feet.

Don't forget your name and grade at the top of the board!