GET READY FOR ELEANOR ROOSEVELT’S
12th ANNUAL SCIENCE FAIR
FRIDAY, March 10th, 2017, 7:00 – 8:30 p.m.

Everyone (K-5th grade) is invited to participate!
Presentations will not be judged, and all participants will have the opportunity to present their experiments to a scientist or science mentor and earn an award.

Registration forms are available in the web blast, so start thinking of science project ideas now!

**Registrations are due by March 3 and must include a project title and description**

Registration forms will need to have a title and parent/guardian signature. Students can create a project alone, or as part of a group of up to 3 students. Group registrations (plus $1 fee per student) should be submitted together.

**Students:** The Science Fair is an opportunity for you to test your ideas under adult guidance. If you have ever asked yourself: "I wonder what would happen if..." or "Is that really true?" you have the start of a great Science Fair experiment. You may also get ideas by asking your parents to search the web by typing "elementary school science fair projects" into your favorite search engine or visiting http://pbskids.org/zoom/grownups/science/finding.html.

Classroom and school libraries have books with project ideas. In addition, the Bucks Country Free Library system has over 100 books about Science Fair projects. The public library catalogue is available on-line at www.buckslib.org Here are just a few:

- Science fair projects by Dana M. Barry
- Quick-but-great science fair projects by Shar Levine
- Crime-solving science projects by Kenneth G. Rainis
- Janice VanCleave's guide to more of the best science fair projects by Janice Pratt VanCleave
- Kidsource : science fair handbook by Danna Voth
- 101 Great Science Experiments by Neil Ardley
- Science Surprises Grades 2-5 by Sandra Markle

Once you select a project, start working! Form hypotheses, test them, draw conclusions. Display your project on a tri-fold board. They can be bought at Office Max, Staples, Michael's and AC Moore. A suggested project layout is included in the web blast.

Remember Safety First!
- Matches, flames or flammable liquids are not allowed.
- Messy projects must have a parent or guardian at the display at all times plus a roll of paper towels.
- Projects involving electrical circuits and those requiring use of an electrical outlet must also have an adult present at all times.
- No live animals.
- We reserve the right to reject proposals that are harmful or are unsafe for any reason.

**Parents:** A project does not need to be complex or complicated or take a lot of time to complete. Participation with even a simple project can be a great experience for the students, so please consider encouraging your student to join in. If you need help with project ideas, feel free to reach out to Rebecca or John.

Questions? Contact: Rebecca Gentile at rebeccagentile2000@gmail.com or John Oleynick at john.oleynick@gmail.com.
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REGISTRATION FORM: Please return to your homeroom teacher in an envelope marked Science Fair by Friday, March 3. Group projects must include payment of registration fees and permission slips from the parents of ALL members of the group in one envelope. Groups limited to 3 students. You may have a larger group if all participants are from the same family.

Name of student __________________________________________________________

Teacher and Grade level ______________________________________________________

Project Title (required)_________________________________________________________

Brief description of the project (required)_________________________________________

____________________________________________________________________________

Is this project messy (for example, does it use liquids or powders)? Yes or No
If yes, an adult with paper towels must be present at all times and prepared to clean up.

Will this project require you have access to an electrical outlet? Yes or No
If yes, you will need to provide your own power strip and extension cord.

Does this project fizz, bubble or pop? Yes or No
If yes, you will need to provide your safety goggles or glasses (available at dollar stores).

Please note: no live animals are allowed in the school.
Group projects -- signed registration slips and entry fees for ALL must be enclosed in one envelope.

My student has permission to participate in this year's ER Science Fair. I approve of their project and I have included $1 registration fee per student.

Parent/Guardian Signature:________________________

e-mail_________________

telephone #______________

***ALL families of participants will receive an e-mailed registration confirmation***
For safety and fairness, we cannot allow walk-ins or unconfirmed student participation.

Questions? Contact: Rebecca Gentile at rebeccagentile2000@gmail.com or John Oleynick at john.oleynick@gmail.com.
Displaying a Science Fair Project

Title: Do Geranium Plants Need Light?

Purpose: To find out if geranium plants need light

Hypothesis: Geranium plants need light to stay green.

Results:

<table>
<thead>
<tr>
<th>Day</th>
<th>Plant A</th>
<th>Plant B</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>healthy</td>
<td>healthy</td>
</tr>
<tr>
<td>4</td>
<td>healthy</td>
<td>healthy</td>
</tr>
<tr>
<td>7</td>
<td>healthy</td>
<td>yellow leaves</td>
</tr>
</tbody>
</table>

Conclusions:

Geranium plants need light to stay green.

Materials:

- Geranium Plant

Research paper:

- "Do Geranium Plants Need Light?"

Pictures and drawings:

- Images of geranium plants

What you did:

1. I chose two healthy geranium plants that were the same size.
2. I put plant A near a sunny window.
3. I put plant B in a closet under a box.
4. I watered both equally.
5. I observed and recorded changes in the plants for one week.

Who helped you:

- My mother grew the geranium plants for me.

What happened:

My mother grew the geranium plants for me.

What you learned:

- Geranium plants need light to stay green.