

# P.S. 32 Science Fair News 2015

Dear PS 32 Parents and Science Fair Participants,

It's science fair time again! Last year, was a huge success! I am looking forward to seeing the amazing work of all of our young scientists this year! **For students in grades 3<sup>rd</sup> - 5<sup>th</sup> participation in the science fair is mandatory as part of their grade for Science.** Participants in grades K-2 must have submitted a signed permission slip to participate in the science fair.

This year we will have Science Fair presentation week during the week of February 9<sup>th</sup> - February 13<sup>th</sup>. During this time, participants will have an opportunity to present their project. Presentations will take place during the regular Science period. Parents will be invited to attend these sessions. **The top 1 projects from grades K, 1<sup>st</sup> and 2<sup>nd</sup> and the top 20 projects from grades 3<sup>rd</sup>, 4<sup>th</sup>, and 5<sup>th</sup> will be chosen.** These projects will move on to the next round of judging at the Science Fair on Friday February 27<sup>th</sup> in the school's gym.

In this packet you will find information to help guide you along the way. Please carefully review the information in this packet with your parents and refer to it as you progress.

Have Fun!!

Ms. Ellerbee



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## SCIENCE FAIR PROPOSAL PAGE

Give a brief description of your science fair project idea. This page will not be returned to you unless I think your project needs to be further developed. Please return this signed form by Monday January 5, 2015.

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Student's Name \_\_\_\_\_ Class \_\_\_\_\_

Parent's Signature \_\_\_\_\_

## Science Fair Rules and Guidelines:

- All projects, regardless of project type or grade of the participant, must be displayed on a tri-board. Tri-boards can be purchased from the school for \$1. Supplies are limited this year so they will be sold on a first come first serve basis. Tri-boards can also be purchased at any office supply store.
- All projects must be brought in during the week of February 9<sup>th</sup>-13<sup>th</sup>. Projects will be presented during the regular science period. Projects that qualify will move onto judging on February 27<sup>th</sup>. Parents will be invited to attend class presentations.
- Models must be able to fit on a space that is 3ft long by 3ft wide.
- Students may work in groups no larger than 4 on science fair projects. However, students in grades 3-5 should only partner up with students in grades 3-5.
- If the project moves on to be judged at the Science Fair, participants must be prepared to speak to and answer judges' questions.
- Experimenting on animals for the sake of the project is strongly prohibited.
- Any projects requiring heat or hot objects must be carefully supervised by an adult
- Use caution when cutting objects.
- If research online is needed, only use a computer with a parent or teacher.
- **Parents and guardians are guides and are strongly encouraged to assist children as needed. However, the project must be a work of the child's.**
- **PRACTICE, PRACTICE, PRACTICE!** Practice presenting your project to people at home, friends, family, your neighbor or anyone who will listen.

## Important Dates

- Proposal Deadline: **Monday, January 5, 2015**
- Tri-board Due Date: February 9-13<sup>th</sup>. Each grade will get more information on this.
- **Science Fair Presentation Week (1<sup>st</sup> Round): February 9<sup>th</sup> - 13<sup>th</sup>**
- Science Fair Date (2<sup>nd</sup> Round and Judging): **Friday, February 27<sup>th</sup>**
- Upper and Lower Grade Winners will be announced on: **TBA**
- Science Fair Button Day: Friday March 6, 2015

## PS 32 SCIENCE FAIR CHECKLISTS AND TRI-BOARD ARRANGEMENT

### Checklist for Participants Conducting Experiments

	Done	Still Working On It
My experiment has a title		
My experiment starts with a question		
I stated my hypothesis		
I developed a plan or procedure to test my hypothesis		
I collected data using tables and/or charts		
I reported a conclusion		
I discussed the variables in my experiment		
My work is neatly organized, labeled and displayed on the tri-board		

### Tri-board arrangement for Experiments

	Title	
Question:		
Hypothesis:	Pictures	Variables:
Procedure/Plan:	Data Tables and/or Charts	Results and Conclusion:

## Checklist for Participants Making Models (Dioramas, Simulators, Demonstrations)

	Done	Still Working On It
My model can fit on a space that is 3 feet long by 3 feet wide		
My model closely resembles the "real thing" and how that thing works		
My model is clearly labeled or includes a Key		
My tri-board includes color images or photos of the real thing, information on how it works and it's importance		

### Tri-board arrangement for Models

	Title	
Comparison of model to "real thing"	Image of The Actual Thing	Facts about "Real Thing"
Materials used to create the model	Drawing of Model Design	

## **HELPFUL WEBSITES**

The websites listed below can offer you some support and ideas on how to successfully complete a science fair project.

<http://www.loc.gov/rr/scitech/selected-internet/scifair.html>

<http://www.sciencebuddies.org/>

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

<http://sciencefair.math.iit.edu/links>

I will be available to offer you some support and guidance as you engage in your project. Email your questions to [tanisha.ellerbee@ps32.org](mailto:tanisha.ellerbee@ps32.org) or drop a note in my mailbox.

**HAVE FUN SCIENTISTS!!**