The Science and Technology Fair is Coming: February 27th 2013!

*This is an optional activity and is to be done completely at home.

IDEAS must be approved and are due by December 14th.

Ideas can come from a question you have, can be found in books in the library, and can come from websites on science fairs.

Please print the IDEA APPROVAL form, complete, and return to your teacher to be approved. You will receive an experiment worksheet once your idea is approved. Approved and completed projects are due at school on February 25th. Students will visit the Science Fair on the afternoon of February 27th. It will be open to the public on February 27th from 5:30-7pm.

PARENTS and FAMILIES: Want to get involved too? Please contact Mrs. Sackadorf if you work in a science, technology, math or social studies related field and could set up a display about your job, and how it uses any of the sciences for our fair. We have had rocketry, physics, biology, medicine, mapping, technology, and many other related fields represented in the past. It would be great to have you share with all our students and families! Thanks.
Important information… PLEASE READ!

****If you are interested in doing your own science experiment, at home, for our science fair, there a few simple rules and steps to follow.

1. Choose a science experiment that you are interested in completing. Most good science experiments that follow the scientific process answer a question that you have. For example, “Which chocolate melts faster, white, dark or milk chocolate?” Check the internet and library for ideas or create your own. Make sure you are doing an “experiment” and not creating a model. We are trying to follow the scientific method. NO volcanoes or models of the eye, etc.
   - PLEASE no animal experiments and remember to be SAFE!

2. Fill out the “Idea Approval” form and return it to your teacher by December 14th. ALL projects must be approved by a teacher. We MUST have approval forms so we can ensure safety, plan out our space requirements, and the set up the fair.
   * Students may work in groups- in which case, only one request form needs to be turned in but it must include all the students full names and teachers on it so that proper recognition can be given. Cross grade groups are fine.

3. Approved projects will receive a packet containing helpful planning worksheets by December 20th. Some projects may require considerable time to complete the experiments- so plan accordingly.

4. Display boards are required in order to present the project. Please purchase a tri-fold, corrugated cardboard display board like the ones available at most office supply stores. You may purchase any color, but please try to purchase the tri-fold type only- this will help us have an easy set up of our fair. They can be purchased for under $9.00 at most office supply stores such as Office Depot, Staples, and Office Max.
   To see one visit:

5. Use the “Scientific Method” worksheet that you will receive once your idea is approved to be sure you include all the required elements on your display.

6. All projects are due at school on Monday, February 25th. Clearly label all materials and displays with the student name and grade.

7. The school display should not include any glass, liquids, animals, or hazardous materials. It should also NOT include items that can spill or cause a mess during the fair.

   ***Photos and drawings should be included in the display if appropriate or in lieu of materials that could be dangerous or messy at school. Thanks!

8. Students will not need to stand at their project to display it during the fair. It should be self explanatory.
Science Fair Idea Approval Form

Students wishing to participate in the science fair must complete this form and return it to their teacher by December 14th for approval. It will be returned to you when approved.

The two types of projects that we ARE looking for:

Investigative:
In this type of project you ask a question, construct a hypothesis, test your hypothesis using an experiment and draw conclusions from your experiment. These are the most fun!

Laboratory Demonstration:
In this type of project you repeat an experiment and retest a hypothesis. These experiments can be found in books, on the net or your science classroom. You still have to do the testing.

Student’s Name and teacher: (or all names if working in a group- please no more than 4 to a group- one paper per group)

**First student listed is in charge of approval and other forms.

Student: ___________________________ Teacher: ___________________________

1. ________________________________________________________________

2. ________________________________________________________________

3. ________________________________________________________________

4. ________________________________________________________________

My idea for a science project: The big question I will ask.
____________________________________________________________________
____________________________________________________________________

How I will do the experiment:
____________________________________________________________________
____________________________________________________________________
____________________________________________________________________
____________________________________________________________________

Approved by: ___________________________ (Marlin or Sackadorf)