



Projects Due:

Tuesday, May 27th

Family Science Night

○ *Friday May 30, 6-7:30pm*

○ *Science Exploration Booths*

○ *Taco Dinners for sale!*

Start planning now

Choose to create

A demonstration project,
or

A more challenging
experiment project

GET CREATIVE! *

How do ice crystals form?

Why do paper airplanes fly?

When does bread turn fuzzy?

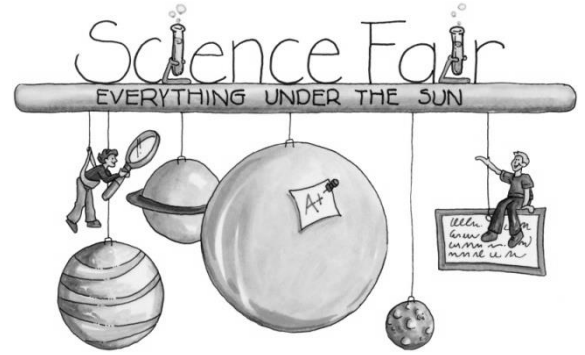
How can we keep our oceans clean?

The 25th Annual
**Farragut Science
Fair**

* No volcanoes, live animals or genetically modified teachers. No really.

The Science Fair project is mandatory for grades 4 & 5. The younger grades, K-3, are strongly encouraged to participate. It is a fantastic opportunity to allow children's curiosity to lead them towards science.

Science projects are due to our Cafetorium on Tuesday morning (May 27) before school. Please make sure your name and classroom are clearly visible on the project. Projects will be displayed for four days in cafetorium.



Please plan on taking your science project home after Family Science Night. The Cafetorium needs to be cleared on Friday evening.

The science project is **student created** at home; with parents/teachers acting as guides or advisors only. The choice of project, execution and display are to be age-appropriate student work.

Family Science Night, May 30 6-7:30pm

This is a chance for Farragut families to learn from each other's projects and appreciate the hard work that goes into each science project.

This year plan to PICNIC DINNER. Bring some cash, we'll have tacos available to buy. And come celebrate science with hands-on learning at science exploration booths.

Many science prizes will be raffled off on Family Science Night; all Farragut students attending that evening get one chance to win in the science prize raffle.

Science Project Display

The project can be displayed any way you like. Get creative. It must be **child-created** and able to stand on its own on a table. A small tri-fold display board works well. The science project should be described or explained step by step with words and illustrated through drawings, photographs, demonstrations, models, and/or collections. Charts and graphs are encouraged, where needed, to show counting and measuring.

Please: no live animals, food products or erupting volcanoes...great science projects all, but just bring in the photographs ☺

Science Fair Presentations

Each class will tour the Science Fair during the week with their teacher. The older grades will present their projects to their class. This is an excellent opportunity to

practice clear public speaking and concise explanations of the projects. Older grades may want to prepare and practice a presentation at home.

CHOOSING A PROJECT

- Experiment or investigation project: this is the most common type of project, where the scientific method is used to propose and test a hypothesis;
- Research project: collect information about a topic and present your findings;
- Demonstration project: a display of something scientifically interesting;
- Model project: building a model to illustrate a concept or principle;
- Collection project: displays a collection to illustrate a concept or topic.

A science project using a demonstration, model, research or collection may be easier for the younger students.

If you choose a experimental project, remember to follow the scientific method and present the method on the display.

1. Question: What are you trying to find out?
2. Hypothesis: What you think the answer to your question will be.
3. Materials: list everything you used to do the experiment.
4. Procedure: detailed step-by-step directions
5. Data/Results: What did you observe during your experiment?
6. Discussion: How did your results compare to your hypothesis or guess? How well did your experiment work? How might it be improved?
7. Conclusion: Restate your hypothesis and tell if it was incorrect or correct. Should be short and concise.

Science Project Topics

Science project ideas can be found everywhere and every day. If you're looking for help, check out the local library, the Farragut library, ask family, friends or (especially) your teacher. And, of course, the Internet is full of science project ideas (kids please ask parents' permission before accessing Internet). Here are a few of the many great sites:

<http://www.all-science-fair-projects.com> Many science project ideas and links

<http://www.sciencebuddies.org> List of project ideas and guides for grades K-12 by categories and difficulty level

<http://www.sciencefair-projects.org/> Ideas and experiments with illustrations

Please call with questions: Melissa Lane 310.202.8410 or melissa@lane.name