

2016 Totem Falls Super Cool Science Fair

The Totem Falls Science Fair Committee is pleased to invite you to participate in the 2016 Super Cool Science Fair! Our goals are to generate interest in science and provide students with a fun environment in which to practice science.

Important Dates:

- Pacific Science Fair Assembly Wednesday, Jan. 6, 2016
- Registration starts Tuesday, Feb. 2, 2016
- Registrations due Thursday, Feb. 11, 2016
- Tri-fold boards distributed to participants Thursday, Feb. 18, 2016
- Science Fair 5:30-6:30 (setup), 6:30-8pm (display projects) Wednesday, March 9, 2016
- All School Science Fair Demonstration 8:30-10:50am Thursday, March 10, 2016
- Participant Pizza Party (follows demonstration day) Thursday, March 10, 2016

Students may participate individually, or in teams of up to three students. Teams may be made up of students from different grades. A team will be included at the grade level of the oldest student. All participating students will receive a variety of exciting awards, including a pizza party. Reminder: Students must prepare their own science projects, but parents are welcome to help as necessary.

Projects:

Grades K-6 will complete projects based on the Scientific Method (see check-off list).

(Detach Registration Form below and return to the main office by February 11)

Science Fair Registration

Individual Project _____ or Team Project _____

Name _____ Grade _____ Teacher _____
Name _____ Grade _____ Teacher _____
Name _____ Grade _____ Teacher _____

___ **Yes, I will help at the Science Fair!**

Parent Name: _____
Parent Signature: _____
Parent Phone Number: _____
Parent E-mail Address: _____

Project Check-Off List (Grades K-6)

Here are the sections that you need for your Science Fair Project. Together, they make up the **Scientific Method**.

Please see the following website for video clips on each of the sections which will provide you with examples and more information. They are well done and user friendly.

<http://www.jpl.nasa.gov/education/sciencefair/>

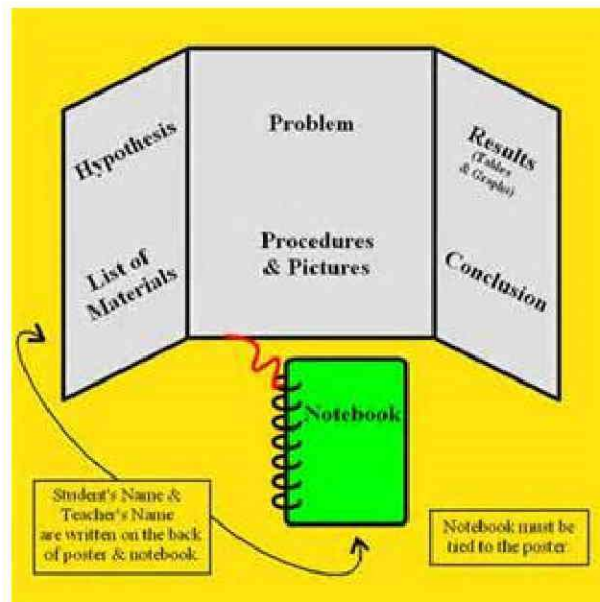
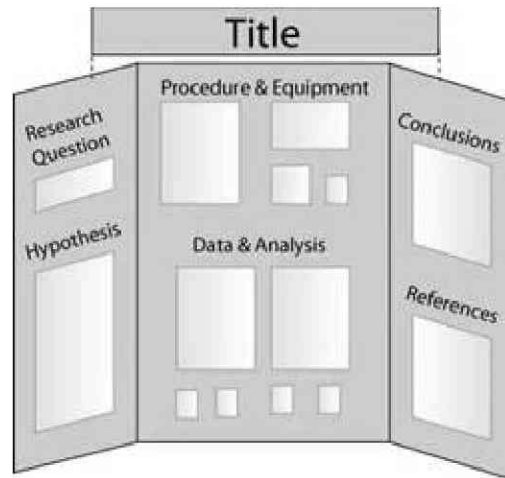
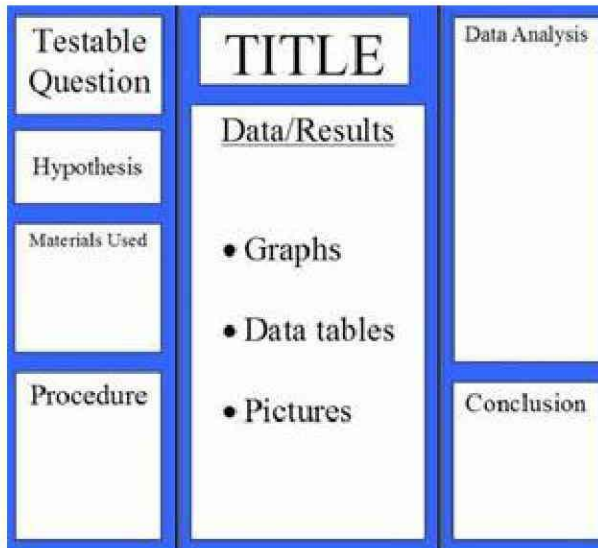
Did you include?	Check-off
Question (What question do you have that you want answered?)	
Prediction (Also called a hypothesis) (What you think will happen if you)	
Materials (List of all of the materials and supplies you used)	
Procedure (What you did, step by step. This can be done in a numbered list)	
Observations (What you saw happen. Don't forget to take measurements and record your measurements!)	
Data Chart (This is a chart made from your observations and measurements)	
Conclusion (What happened in your experiment when..... Was your prediction correct? How do you know?)	

Hint: Did you repeat your experiment to make sure that your information is accurate?

Another Hint: Did you show your observations on your Tri-fold presentation?

Very Important Hint: Only change one thing (called a variable) when you perform your experiment. This means that you are really testing to see how that one thing affects your outcomes.

Examples of how Tri-fold boards may look when assembled.



More Information about materials and guidelines:

Tri-fold boards will be distributed, free of charge, to each team. The board is used to display your science project. All of your sections (especially if you are following the Scientific Method) should be clearly labeled using big font and/or colors so that they are easily found on your presentation board. You may also include photos, pictures, charts, graphs and illustrations that support your research. Don't forget to watch spelling and neatness. If you are bringing in materials to display, remember that you only have the space directly in front of your board on the table. Your project will be assigned a number which will be placed on your board prior to handing them out.

Journals are very helpful tools during your research to help you write down everything that you have done and observed. Make sure to keep a good record of the times that you did things and the measurements that you took that support your research. Your journal is part of your research and should be displayed at the Science Fair.

Restrictions for Projects: The Snohomish County Fire Marshall and the Washington State Safety Board requires that you not use or bring anything with an open flame, that is flammable, any hazardous materials, or extension cords. Batteries are acceptable.

Cleaning up your space after the Fair: All projects may remain displayed overnight for the All-School Science Fair presentations the following day. Please remember to take home your project and to clean up your space after the All-School Science Fair on Thursday. Please remember that you may need special transportation home for your project on that day. Thank you in advance for helping to keep our school clean.

FYI: Snacks and water will be sold during the evening of the Science Fair.



Sometimes it is tough to come up with an idea for your project. For help, you can go to the library, or check out the following websites:

These sites give detailed suggestions for science projects:

- www.all-science-fair-projects.com/
- www.spikesworld.spike-jamie.com/science/index.html
- www.education.com/activity
- www.cool-science-projects.com/index.html
- www.sciencekids.co.nz
- www.need.org

These sites will link you to many other helpful web sites:

- www.ipl.org/div/projectguide/index.html
- www.sciencebuddies.org
- www.sciencefair-projects.org
- www.usc.edu/CSSF/Resources/GettingStarted.html
- www.sciencepage.org/scifair.htm

These sites list many ideas, but with fewer details:

- <http://members.ozemail.com.au/~macinnis/scifun/projects.htm#N5>
- www.scienceproject.com (also divides projects by age group)