

LAKE WILDERNESS ELEMENTARY SCHOOL
PTSA Science Fair
March 7, 2012
GYM B 6:00-8:00 p.m.

Calling all young scientists! It's time for the LAKE WILDERNESS ELEMENTARY SCHOOL SCIENCE FAIR!

All students are encouraged to participate by working on a science project at home, and displaying it proudly at the fair for the world to see. Below are the basic guidelines. Be sure to check out the Lake Wilderness Elementary school PTSA website for more details.

Register to participate. All young scientists wishing to display a project at the fair must register in advance by completing the science fair ENTRY FORM and submitting it to Office A. Final registration deadline is February 29th. You may change the project title after registration, but, you'll need to let the science fair committee know about the change.

Project ideas should come from you, and the project should be driven by you. Parents should use their best judgment in deciding when to get involved, such as when there is a potential safety issue. For young students, parents may provide some guidance, but it is important that the student be able to call the project their own.

Need help choosing a topic? When it comes to choosing a topic, the sky is the limit! What have you wondered about? The best topics come from your own genuine curiosity about how something works, or why something is the way that it is. But if you have trouble thinking of something on your own, the internet is full of resources to help you choose a topic.

Science Fair books and other science reference books are available from the King County Library System or bookstores:

- Quick-But-Great Science Fair Projects by Shar Levine and Leslie Johnstone, 2002
- Science Fair Projects: Energy by Bob Bonnet & Dan Keen, 1997
- Science Fair Success by Ruth Bombaugh, 1999
- Great Science Fair Projects by Phyllis Katz and Janet Frekko, 1992
- Science Fair Success Using the Internet by Marc Alan Rosner, 1999
- How to Build Your Own Prize-Winning Robot by Ed Sobey, 2002
- Microscope Science Projects and Experiments: Magnifying the Hidden World by Kenneth G. Rainis, 2003
- Science Fair Success in the Hardware Store by Salvatore Tocci, 2000
- Blue Ribbon Science Fair Projects by Maxine Haren Iritz, 1991
- Sure-To-Win Science Fair Projects by Joe Rhatigan with Heather Smith, 2001
- The Complete Handbook of Science Fair Projects by Julianne Blair Bochinski, 1996
- Science Fair Handbook, [contributors, Danna Voth and Mike Moran], 2004

General Science and Science Fair Websites (*internet access is available at local King County Libraries*)

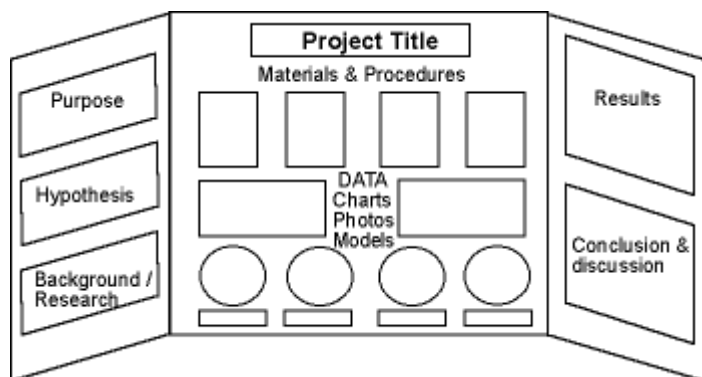
- <http://www.stevespanglerscience.com/experiments>
- <http://www.super-science-fair-projects.com/elementary-science-fair-projects.html>
- <http://www.easy-kids-science-experiments.com/>
- <http://kids.discovery.com/>
- <http://pbskids.org/zoom/activities/sci/>
- <http://kids.nationalgeographic.com/kids/>
- <http://www.sciencefairadventure.com/MedicineAndHealth.aspx>
- http://www.sciencebuddies.org/science-fair-projects/project_ideas.shtml

The exhibit should include a journal (i.e., a research paper) illustrating the results of library research, hypothesis (es) and rationale, procedures used, data collection, analysis and conclusions.

A Project exhibit board is recommended for interested spectators and judges to assess the study and the results obtained. In most cases you will use a standard, three-panel display board that unfolds to be 36" tall by 48" wide. (other sizes accepted)

No food, animals or sharp items (for example, syringes, needles, pipettes, knives) can be on display.

Here is a sample how you can organize a project display board.



Judging and awards. Our science fair is non-competitive, as our goal is simply to encourage scientific exploration and discovery and promote a deep lifelong passion for science. Each participant will have an opportunity to briefly present their project to a judge, and will receive a ribbon and a certificate.

For the students interested in participating at Washington State Science Fair and Engineering Fair (March 30, 31 2012 in Bremerton, WA), please check their web site: <http://www.wssef.org/>

Volunteers needed! A big event like the science fair wouldn't be possible without the help of numerous volunteers. We have all kinds of different jobs to be done, so if think you can spare an hour or two on the day of the fair, we would love your help. Contact: science@lwptsa.org

PTSA Lake Wilderness Science Fair Committee