



REDMOND ELEMENTARY PTSA SCIENCE FAIR

MARCH 25, 2009 - 6:30PM

DEAR PARENTS,

Here we are, ready to do science projects again! You may be wondering what you can or should do to help make your child's project a success. Here are some ideas:

- Give encouragement, support and guidance.
- Make sure your child feels it is his or her project. Make sure the work is primarily the work of the child.
- Realize the main goal of a science fair project is to help your child use and strengthen the skills he or she has learned and develop higher level skills. The main goal should not be the award.
- Being a volunteer organization the Redmond EI PTSA depends heavily on volunteers prior to and during the fair. If you can help, please email Cindy Poon csypoon@hotmail.com
- Aim high! Every one of our students is capable of preparing a science project suitable for the Washington State Science Fair For more information, go to their website: www.wssef.org
- Check out these website for more tips and ideas
 - www.sciencebuddies.org
 - www.sciencenewsforkids.org
 - www.discoveryeducation.com

Don't miss this opportunity to share with your child the joy and reward of learning science. If you have questions, want to volunteer, need help coming up with materials for the project, or are looking for ideas of how to help your child's project get off the ground, please feel free to contact me.

Sincerely,
Cindy Poon
Redmond EI PTSA Science Fair Chair



SCIENCE FAIR PROJECT ENTRY FORM

(THIS FORM MUST BE RETURNED TO TEACHER BY 3/9/2009)

SCIENCE PROJECT DUE IN CLASSROOM ON 3/25/2009

Student Name: _____ Grade: _____ Teacher: _____

Home Phone: _____ email: _____

Project Title: _____

Description: _____

Parent Signature: _____

Division (circle one): Research / Project / Team (each student submits an entry form)

Display Type (circle one): Poster / Table Top Display / Other (_____)

PTSA has 36x48 white cardboard display boards available to students at no cost. If you need a display board, please check here _____

How much table space do you need? (please check one)

- Standard (one third of a round table, 19" x 36")
- Large (half of a round table (30" x 60"))
- Wall Space, specify size
- Floor Space, specify size
- Other: _____

Parents, are you available to help with the fair?

- Set Up and/or Take Down
- Mentor other students with their projects at lunch
- Judge
- Other: _____

Name: _____ email or phone # _____



REDMOND ELEMENTARY SCHOOL SCIENCE FAIR

PRESENTED BY THE REDMOND ELEMENTARY PTSA

GENERAL RULES

Science Fair projects may be entered in one of three divisions:

- Research Division
- Project Division
- Team Division

Each division is subject to specific rules as described below.

RESEARCH DIVISION

Rules for the Research Division are less formal than those for the Project Division. Entrants who are considering registration at the Washington State Science and Engineering Fair should follow the Project Division rules.

- Research Division projects may be research projects or collections. The objective of these projects is to demonstrate that research has been performed and that the entrant has knowledge of the researched subject matter.
- The goal is to illustrate or model a science topic of interest, or demonstrate how a particular principle works.
- Each research project shall be the individual work of the entrant. Parents, teachers, and advisors may assist in a supervisory capacity only.
- A research exhibit board, poster, or report is needed for interested spectators and judges to assess the study and the results obtained.

PROJECT DIVISION

Rules for the Project Division closely follow the rules for the Washington State Science and Engineering Fair. Projects that meet these requirements are eligible to be submitted to the state fair which has a **March 21, 2009** registration deadline.

- Project Division projects should follow the Scientific Method.
- Each project shall be the individual work of the entrant. Parents, teachers, and advisors may assist in a supervisory capacity only.



The exhibit must 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.

- An abstract containing 250 words, or less, is required. It should be kept with the journal, and should explain the research's purpose, procedures, data, and conclusions. It also may include any possible research applications.
- A Project exhibit board is recommended for interested spectators and judges to assess the study and the results obtained.

TEAM DIVISION

Team projects may follow the rules of the Research Division or the Project Division as described above. Teams of up to three students are allowed. Team grade level will be determined by the highest grade level entrant on the team.

PRIZES

Every student entry will be awarded a certificate and a ribbon. Special award will be given to outstanding projects. This will be announced at the Science Fair.

EXHIBIT REQUIREMENTS

Exhibit Prohibitions (Consistent with Washington State Science Fair Rules):

The following materials and actions are prohibited:

- Water or other liquids (in sealed containers or not), dry ice, food (either human or animal), chemicals, soil samples, waste samples, all live material including plants and microbes), flames (open or concealed), highly flammable materials, syringes, pipettes, and similar items are all prohibited. If your project includes one of these items, do your experiments before the fair, and exhibit only the results (via descriptions, photographs, data, etc.). If the entrant believes that any of the materials are required to fully demonstrate the experimental concepts of his or her project, he/she may request waiver of the prohibition by contacting enrichment@redmondelpts.org.
- No live or preserved vertebrate or invertebrate animals or animal parts, including embryos, may be exhibited. Sealed insect collections are exempted from this prohibition.
- Photographs and other visual presentations of surgical techniques, dissections, necropsies, and/or other lab techniques depicting vertebrate animals in other than normal conditions may not be displayed on the exhibit, but may be contained in a notebook to be shown only during the judging interviews(s).
- Actions unbecoming, gentleman or a lady, destruction of another's property, knowingly falsifying a project may result in disqualification.
- Electrical equipment operating above 12 volts must be properly insulated, shielded, and grounded. Any apparatus producing temperatures that will cause physical burns must be adequately insulated.