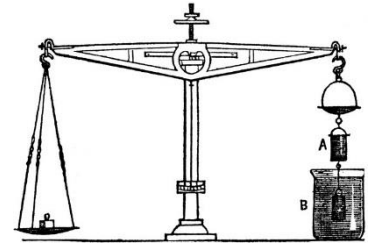


Richmond Science Fair



Tuesday April 14th 6:30-8:00



PTA is excited to host another fabulous Science Fair. Students are encouraged to participate in one of five categories:

EXPERIMENT (appropriate for all students)

You will conduct an experiment to find the answer to your question/ problem. Use *The Scientific Method* to take you through the correct process of asking a question, doing some preliminary research, making a hypothesis (your best guess at how it will turn out), planning and conducting your experiment, and analyzing your results. Make a display to demonstrate your findings.

INVENTION (appropriate for older students but open to everyone)

Everyone is an Engineer! You will use science, math and creativity to dream up and design an object or a process to solve a real life problem. Use *The Engineering Design Process* to take you through all the necessary steps: asking a question, brainstorming, planning, creating, testing, and making it even better.

RESEARCH PROJECT (appropriate for all students)

Someone has already found the answer to your question/problem, and you will look for their answer/solution by reading books, talking to experts, and gathering information from other sources such as schools and public libraries. Your display board will have drawings, photographs, charts, graphs, dioramas, etc. Examples: How does a solar cell work? How does a light bulb operate? How do clouds form?

COLLECTION (appropriate for younger students)

You will collect and organize something of interest, answering questions related to observations made while exploring your world. Examples: What kinds of insects can be found in my backyard? What types of tree leaves can be found on my street?

LIVING HISTORY (appropriate for older students but open to everyone)

We are all scientists but now you can “become” one of your Science Heroes! You will research a current or past scientist’s life. Create an informational poster, dress in period costume, and demonstrate their contributions to science by “becoming” a living interpretation of him/her at the Science Fair.

Register by sending the information asked for below via email to jody.lando@gmail.com with subject line "Science Fair", or turn in the form below to the Science Fair box in Room 110. You will get an email in a few days confirming receipt. If you need another form, visit the Richmond PTA website, richmondptapdx.com. Poster boards will be available for sale (\$3/board) in Room 110. Please register no later than **March 31, 2015**.

For QUESTIONS about the Science Fair, or if you’re interested in helping out in any way please contact Jody Lando at jody.lando@gmail.com We hope to see you on April 14th! Participants may check in starting at 6:10 p.m.

Richmond Science Fair Project Registration (due 3/31/15)

Student(s) Full Name, Grade & Teacher:

Contact Email & Phone:

Project Category:

Project Title & Description:

