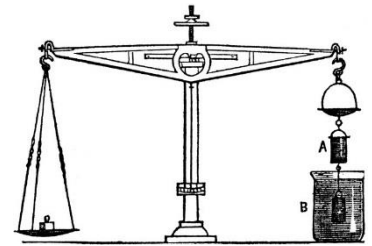


Richmond Science Fair



Friday April 1st 6:30-8:00



PTA is excited to host another fabulous Science Fair. Students are encouraged to participate in one of 5 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)

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 below via email to heather.dorsey@outlook.com subject line "Science Fair", or turn in the form below to the Science Fair box in Room 110. You will get an email confirming receipt shortly thereafter. If you need another form, visit the Richmond PTA website, richmondptapdx.com. Poster boards are available for sale (\$3/board) in Rm 110. Please register no later than **March 11, 2016**.

For QUESTIONS about the Science Fair, or if you’re interested in volunteering for the event please contact Heather Dorsey heather.dorsey@outlook.com. We hope to see you on April 1st! Participants may **check in starting at 6:10pm**.

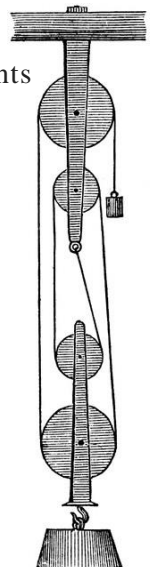
Richmond Science Fair Project Registration (due 3/11/16)

Student(s) Full Name, Grade & Teacher:

Contact Email & Phone:

Project Category:

Project Title & Description:



Please strive to keep any exhibits in front of display posters (approx. dimensions 3.5 ft. x1.5 ft.). Limited power supply options. Please indicate if needed