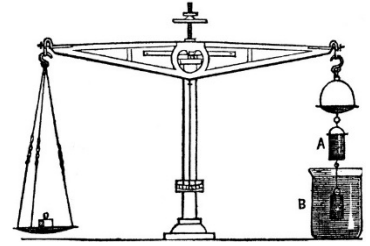




Richmond Science Fair

Friday April 28th 6:30:00pm



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.

New for 2017: Online registration - please register [online](https://goo.gl/jHTwzp). (<https://goo.gl/jHTwzp>)

Forms will be available in the main hallway for those not able to register online. Please turn in the completed form to the Science Fair box in Room 110 if not able to complete online. Group projects are allowed, please choose a team name so we can easily coordinate teams. You will get an email confirming receipt shortly thereafter. Poster boards are available for sale (\$3/board) in Rm 110. Please keep any exhibits in front of display posters (approx. dimensions 3.5 ft. x1.5 ft.). Please register no later than 3/24/17. For QUESTIONS or if you’re interested in volunteering please contact Heather Dorsey at heather.dorsey@outlook.com. We hope to see you on April 28th!

We do not discriminate on the basis of age, color, creed, disability, marital status, national origin, race, religion, gender, or sexual orientation.