

Homeschool Science Fair



Tuesday, November 14th

Love science?

Want a place to show off your science skills?

Then look no further!

The Homeschool Science Fair is the place for you. There will be four grade categories, K-2nd, 3rd-5th, 6th-8th, and 9th-12th AND three winners within each category! There will also be an overall winner who will take home the BIG TROPHY! All projects will be displayed in the library auditorium for everyone to see on Tuesday, November 14th.

You don't want to miss this event!



Using the scientific method is very important when conducting experiments! Take a second to consider the scientific method when thinking up ideas for your project. Be sure to include it in your presentation for the judges! You will be judged on your use of the scientific method!

Important Science Fair Times

- 9:00am-10:00am Set up projects
- 10:30-11:30am Project judging (all participants need to be present during this time to have your project judged.)
- 1:00pm Awards Ceremony

All projects need to be picked up no later than 8:00pm on Tuesday, November 14.

USING THE SCIENTIFIC METHOD

- 1 QUESTION**
Ask yourself, "What do I want to learn more about?", or "I wonder what would happen if . . .?"
- 2 HYPOTHEZIZE**
Research to help you make an educated guess, or hypothesis, and then answer your question.
- 3 EXPERIMENT**
Test your hypothesis by making a plan and conducting an experiment.
- 4 OBSERVE & RECORD**
Make careful observations and write down what happens.
- 5 ANALYZE**
Use your information to draw conclusions about your experiment. Was your hypothesis correct?
- 6 SHARE RESULTS**
Explain your results by presenting your experiment, observations, and conclusions.

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Safety Rules

1. Number one rule... think safety first before you start. Make sure you have recruited your adult to help you.
2. Never eat or drink during an experiment and always keep your work area clean.
3. Wear protective goggles when doing any experiment that could lead to eye injury.
4. Do not touch, taste or inhale chemicals or chemical solutions.
5. Respect all life forms. Do not perform an experiment that will harm an animal.
6. All experiments should be supervised by an adult!
7. Always wash your hands after doing the experiment, especially if you have been handling chemicals or animals.
8. Dispose of waste properly.
9. Use safety on the internet! Be sure to let an adult know about what websites you will be visiting, or have them help you search.
10. If there are dangerous aspects of your experiment, like using sharp tools or experimenting with electricity, please have an adult help you or have them do the dangerous parts. That's what adults are for, so use them correctly.

SMILE

There will be pictures as well as video taken during the Homeschool Science Fair by library staff. These will be shared on the Laurel County Public Library's social media pages. Please inform library staff if you do not want your picture taken.

Science Fair Rules

1. Only one student per entry, you can't work in a team of two.
2. Adults can help, in fact we want them to get involved. They can help gather materials, supervise your experiment and even help build the display. They just can't be with you during the judging.
3. You will be judged on the use of the Scientific Method (see front page of form for more info on the Scientific Method)
4. You cannot bring the materials of your experiment for the display or perform the experiment live. You will only be judged on your presentation and board.
5. Displays must be on display boards or poster boards. They must stand alone.
6. Please try to limit your presentation to the judges for less than 7 minutes. This will allow judges the opportunity to hear your presentation and ask a few questions.
7. Respect all adults involved in the fair... especially the judges!
8. All decisions of the judges and science fair committee are final.
9. All projects and experiments need to be safe for you and the library.



Parent Signature _____

Please print legibly below.

Name _____ Age Category (Please circle) K-2nd 3rd-5th 6th-8th 9th-12th

Address _____ City _____ State _____ Zip _____

Telephone _____ E-mail _____