

East Ridge Science Fair

Science is FUN, and EVERYONE can do science! The Science Fair will be on **Wednesday, May 10th, 6:30pm-8:00pm**. It is not formally judged. Parents who encourage curiosity help their children make a difference in the world!

Each project has three parts: **1. Do some science at home, 2. Create a display, 3. If possible, tell your class about it.**

1. Do some science at home: Need some ideas to get you started?

Collections: Many parts of nature can be safely collected, researched and classified. In addition to shells, leaves, or rocks, consider creating your own collection of model bird's eggs, or even collecting items that have shrunk in size as a result of advanced technology—like calculators! Good collections are organized and well-labeled.

Apparatus: You can build an apparatus, like your own telescope or weather-recording information. Sometimes building a model of how something works will teach you a lot about science, for example—how a heart works, a robot, or a telephone!

Demonstration: There are lots of project ideas online or in books that describe how to do what seems like a magic trick. These demonstrations can help explain a scientific concept. Unless your teacher has specified otherwise, the Science Fair projects do not have to be your original ideas. There are many books with demonstrations to amaze your class!

Research: All science projects involve looking around and asking questions. Many questions can best be answered by research. A research project may be a book report on an interesting animal, a famous scientist, or another topic of scientific interest, like black holes. Choose your favorite!

Experiment: Ask a question, make a hypothesis, then test one variable, record data, and report your conclusions. Many demonstrations can be adapted to create your own original experiment by changing one variable. For example, if you have done a demonstration of how you can make an egg float in salt water, you could then experiment to see if it would float in other dissolved solutions—like sugar water, or would it work with Epsom salts?

2. Create a display: Good displays have a title and an explanation of what you did and learned. Items other than the display board may be included, but please keep it simple. Remember that projects will need to fit in a backpack if your child rides the school bus.

3. If possible, tell your class about it. Please bring your project to school on the morning of Wednesday, May 10th. Check with your teacher if there will be time during the school day to present your project, and then bring your families back to school for the Science Fair. Practice at home what to say when presenting to the class. Tell in your own words what you have learned. Face the audience, get their attention, and use a BIG voice!

Family and friends are invited to come to East Ridge on **Wednesday, May 10th from 6:30pm - 8:00pm**.

Please remember to represent any living organisms or dangerous items with photos or drawings. The PTA or East Ridge Elementary is not responsible for any lost or broken items that come to school for the Science Fair.

If you have any questions, or would like to help with the Science Fair, please contact Ms. Schmidt at kschmidt3@nsd.org