



Blue Hole Primary Science Fair



All BHP students are invited to participate in our upcoming science fair! Our science fair is designed to promote problem-solving skills and an enthusiasm for science. **Submitting a science fair project is voluntary.** To participate in this very fun, rewarding event, please read on to find out important information, tips, and project requirements.

BHP Science Fair: February 7-11, 2022

BHP Science Fair Night: Thursday, Feb. 10 @ 5:00-6:30 pm

Entries need to be turned in between 7:15 a.m. - 7:45 a.m. on Monday, Feb. 7. Parents can park in the front lot and walk their children, with projects, across the crosswalk to the entrance doors. Staff members at the entrance doors will direct you to the designated location for science fair projects. Parents can assist students with project set-up. All projects must be picked up by Friday, Feb. 11 at 3:30 p.m. We can not send projects home with students on the bus. *Science Fair projects can also be taken home after our Science Fair Family Night on Thursday, Feb. 10 from 5:00-6:30 pm.*

Project Requirements

Individual projects must be completed at home with the help of an adult. Science projects usually provide parents with a great opportunity to work one-on-one with children. We encourage parents to work closely with your child during this process, but also know that *student work and participation are important.*

There will be three categories of science projects for each grade level. **Please choose one of these categories as you plan your child's project:**

Scientific Study Projects: The student researches and makes a display and/or model about the topic of choice. For example, a pre-K student may have a display board describing three facts they learned about dinosaurs and make a model of a dinosaur out of clay. Or a first grader may have a display board describing seven facts about airplanes and make a model out of wood or paper. Please make sure any models are easy for your child to bring and set up at school. Photos of models are also permissible.

Invention Projects: The student invents and builds an item that is useful to others and makes a display board explaining how the idea originated, how the invention can be used, and who might find it useful. If the inventor brings the invention to school, please make sure it is portable. Photos of the invention can be used, instead.

Scientific Experiment Projects: The student conducts an experiment using the scientific method and prepares a display board explaining the experiment. The display board must include the question, research, hypothesis, description of experiment (materials and procedure), and conclusion. An example of an experiment question might be "What ratio of vinegar to baking soda produces the best chemical volcano eruptions?" Research would be any reading that is done about baking soda and vinegar reactions summarized in one or two sentences. A hypothesis for this project would be a prediction or guess about the best ratio. The description includes what was used for the experiment and what occurred. The conclusion states the outcome of the experiment and a statement that answers the original question.

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Display Boards for Projects:

All projects **must** include a tri-fold display board so that projects are easily displayed. (Poster boards are too difficult to display and will not be accepted.) Tri-fold display boards can be purchased (i.e. at Hobby Lobby or office supply stores) or made out of sturdy cardboard. *Please include your child's name and grade, as well as the project category (Scientific Study, Invention, or Experiment), on the **back** of the display board.*

Participation and Prize Ribbons:

Participation ribbons will be given to **each** child who enters a project. Each category (described above) will have three prize ribbons per grade level (1st-3rd place). *Kindergarten, 1st grade, and 2nd grade students will present their projects to judges on Tuesday or Wednesday during the school day.* PreK students may present to judges if they choose to do so. Only projects turned in on time will be judged. After judging is concluded, participation and place ribbons will be attached to projects. Some classroom teachers choose to create class-wide projects. These Class Projects will receive participation ribbons.

Tips for Projects:

*Consider that neatness counts, but child work is important. Parents may help with spelling and writing for our younger students. The emphasis should be on projects that demonstrate your child's knowledge of the scientific processes or subject matter.

*Amount of money spent is not important: An expensive store-bought model is not as impressive as one that is created by the child. Creativity is encouraged. Models can be made of clay, Play-Doh, paper-mache, wood, string, Popsicle sticks, toothpicks, cardboard, paper, Styrofoam, fabric, or any similar craft material.

*If the project display contains edible items or perishable items, please use Ziploc bags or plastic wrap to contain the items. (This will keep little hands and little bugs from being attracted to your project display!)

*Plan ahead: You and your child will enjoy this process and the time spent together if you are not rushed. The deadline for submitting your project is Monday, Feb. 7 at 7:45 a.m.

*Please make arrangements to pick up your child's project by Friday, Feb. 11 at 3:30, latest. Please do not pick up your child's project before 6:00pm on Thursday, Feb. 10 so that it can be seen at our BHP Science Fair Night.

***NO live animals may be brought to school. NO latex may be brought to school- i.e. latex gloves or balloons. Please be cautious about displaying breakable items, such as glass beakers.**

BHP Science Fair Family Night: Thursday, Feb. 10 from 5:00-6:30 pm—During this event, families can view the projects on a come-and-go-as-you-wish basis. 1st and 2nd grade students have the OPTION of standing beside their projects and answering questions or presenting information to visitors from 5:30-6:00. This will be informal and relaxed, but will allow our 1st and 2nd graders an opportunity to present their projects as visitors walk up, if they would like!

If you have any questions, please contact your child's teacher, or Christi Moeller, Assistant Principal, at BHP: (512)847-3407. *We look forward to another great Blue Hole Primary Science Fair!*