

# BENNETT ELEMENTARY SCHOOL

# SCIENCE FAIR

OPEN TO ALL BENNETT STUDENTS (GRADES K - 5)

Projects Due: Morning, Wednesday, February 19, 2020  
 Family Viewing: Evening, Wednesday, February 19, 2020  
 Classroom Viewing: Morning, Thursday, February 20, 2020

## Minimum Project Requirements:

- K—1: Each participating student and his/her parents investigate a science topic together. A simple experiment may be done as part of the investigation. Together, each participating student and his/her parents make a display showing what they learned.
- 2 — 3: Each participating student investigates a science topic with parental assistance (*meaning parental involvement is appropriate; however, students should do as much of the work as is both possible and practical*). It is preferred that an experiment be done as part of the investigation, though an experiment is not required. With parental assistance, each participating student makes a display showing what he/she did and leaned.
- 4—5: Each participating student investigates a science topic. An experiment must be done as part of the investigation. Each participating student must follow directions for completing his/her investigation as described by his/her fourth-grade or fifth-grade classroom science teacher. Each participating student makes a display showing what he/she did and leaned. The participating student MAY submit a written research paper that summarizes the research done for the project or on a topic related to his/her investigation. A bibliography of two or more resources that tells from where each participating student found information that helped him/her design the experiment and make a hypothesis **MUST** be included as part of the abstract or display board. (*Parental involvement for fourth and fifth grade investigations should be **minimal**. Fourth and fifth grade students must plan and complete their own investigations, displays, and reports. A parent may only supervise and critique his/her child's work for safety; age appropriateness; validity and accuracy of process, results, and conclusions; and timely completion.*)

## Registration Deadline:

To participate in the Bennett Elementary School Science Fair, students must complete and submit a PROJECT REGISTRATION FORM by February 12.

A copy of the registration form for SECOND-GRADE AND THIRD-GRADE STUDENTS is printed on the back of this announcement.

**IMPORTANT NOTE:** Projects that involve humans and/or vertebrate animals will **NOT** be permitted unless a "Human/Vertebrate Animal Protocol Form" is completed and approved. Please contact Mrs. J. Rimkus to secure "Human/Vertebrate Animal Protocol Form," if needed.

For Questions contact Mrs. J. Rimkus by email at rimkusjl@pwcs.edu.

# Bennett Elementary School Science Fair

## Project Registration Form for Grades 2-3

A science fair project at the 2-3 level is meant to be a fun learning activity for a second or third-grade child and his/her parents. The child chooses a topic to investigate and the parent acts as a facilitator for the child. This may mean helping the child find books and other materials related to his/her topic of interest, looking for and suggesting possible experiments the child can do, helping the child set up an experiment, supervising the child to make sure the experiment is done correctly and safely, and helping the child think of ways to display what he/she did and learned. Though experiments are not mandatory, they can make the study of some topics more thorough, interesting, and exciting. An appropriate alternative to an experiment would be the construction of a model that demonstrates what the child learned. All grade 2-3 projects will receive a participation ribbon. Grade 2-3 projects are not judged.

### **Two Sample Projects for Grades 2-3:**

**Example 1:** Your child decides that (s)he wants to know why some people add plant food to their houseplants. You suggest that your child do an experiment to find out how plant food helps a plant grow. You ask your child how an experiment may be set up. With your guidance, your child plans an experiment to grow two house plants -- one with plant food and one without. Your child keeps track of how the plants grow by taking pictures, measuring their heights with a ruler, and making notes about how green each plant looks. After keeping a record for several weeks, your child makes a display board for the science fair that describes what (s)he did and shows pictures of her/his plants. Again, Grade 2-3 projects are not judged.

**Example 2:** Your child decides that (s)he wants to study volcanoes. You help your child find books about volcanoes. After reading the books, (s)he tells you what (s)he learned. (S)he then asks to make a model of a volcano to show how it works. You help her/him choose materials to make a volcano model. After making the model, your child also makes a display board that shows other information (s)he learned about volcanoes. Both the display board and a “**non-working**” model of the volcano can be displayed in the science fair. Again, Grade 2-3 projects are not judged.

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**Please complete the information below to enter a grade 2-3 project in the Bennett Elementary School Science Fair and return this form by February 12.**

**NAME OF STUDENT** \_\_\_\_\_ **TEACHER** \_\_\_\_\_ **Grade** \_\_\_\_\_

**TITLE OF PROJECT** \_\_\_\_\_

**SIGNATURE OF PARENT:** \_\_\_\_\_ **DATE:** \_\_\_\_\_

**PLEASE NOTE:**

Projects which involve experimentation with vertebrate animals or humans will not be allowed in the science fair unless a project protocol has been completed and approved.

Projects may not display any live or preserved animals. Project displays may not contain combustible, flammable, or other fire causing materials. Project displays may not contain any potentially hazardous chemicals (all other liquids or chemicals must be in SEALED, NON-GLASS containers). Project displays may not include food (human or animal), bacteria cultures, yeast cultures, mold, fungi, or other microbial cultures (living or dead). Project displays may not contain sharp, pointed, or other possible hazardous objects.

**The Bennett Elementary School Science Fair Committee reserves the right to remove any objects, materials, and other items which they determine to be unsuitable for display in a science fair exhibit.**