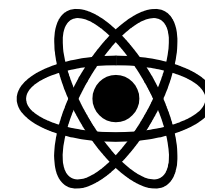


WAYSIDE SCIENCE SHARE PROCEDURES AND GUIDELINES



1. The Science Share is non-competitive and voluntary for students in grades K-4. **All 5th grade students are expected to participate.** Students can work in a small group (up to 3 people), with friends from other classes, with siblings, or individually. The purpose is for students to experiment with science using the scientific method and to have fun showing others what they have learned.
2. A variety of projects are acceptable, however, the project **must be an experiment** of some kind where the student is trying to answer a **testable question** and prove a hypothesis **using the scientific method.** **No models, please! (This includes volcanos and solar system models.)**
3. All projects are to be completed at home and brought to school as directed.
4. **All students who choose to do a project must submit a registration form.** Please be sure to write clearly on the registration form, so that the information can be entered accurately. **Completed forms must be submitted by noon on April 11, 2014.** Your project **MUST** be approved before you begin. You will receive a registration feedback form that lets you know if your project is approved or if you need to revise it.
5. All projects may be brought to **Room 40** beginning the morning of June 3rd, 2014. School staff will be present to assist students.
6. Projects will be viewed by all grades during school hours on **June 3, 2014**
7. All projects will be assigned a number and will be displayed in various places around the school. The projects are required to be stand-alone so that they can be easily displayed. (See #17) We will have science boards available to purchase for \$3.00 each (**cash only, please**).
8. The Science Share will resume that evening at **6:00 p.m. – 7:30 p.m.** for families and friends. All participants must dismantle and take their presentations home at the conclusion of the Science Share. Projects left behind that night will be discarded the next day.
9. Projects cannot have components that must be plugged in. **Electrical outlets are not provided.** If a project needs electricity, you must provide it by using a battery.
10. For projects involving liquids: **all liquids must have a tray, pan or other water-proof container under it.** We cannot provide materials for you. If there is no container provided, the project will not be allowed to be actively demonstrated. **Each student and/or parent is required to clean up after demonstrating.**
11. **Only observation of animal experiments is allowed.** Please check with your child's teacher for approval of any projects relating to animals.
12. Presentations must meet safety standards. The use of hazardous chemicals and equipment, poisons, live animals, electricity (in the form of AC current), matches, fires, Bunsen Burners, propane gas, strong acids and hot plates are prohibited. **Projects deemed dangerous or inappropriate will not be admitted to the Science Share. Students are encouraged to use photographs.**

13. Do not bring items that could pose an allergic reaction to other people attending the fair such as mold or mildew. You may use photos of mold only – no actual samples are allowed at the Science Share.

14. All projects should include the **7 STEPS OF A SCIENTIFIC INVESTIGATION**:

These are a must for all good projects.

1. *State Problem/Question (What are you trying to prove?)*
2. *Student Prediction/Hypothesis (What do you think will happen?)*
3. *Procedure (How are you going to prove it?)*
4. *Materials and References (What and who will be needed?)*
5. *Experiment/Observation – Performing experiment and recording information (Organizing data)*
6. *Results (What happened?)*
7. *Conclusion - Was your hypothesis correct or incorrect? What could have been improved? What did you learn from your project?)*

15. Purchase of expensive materials not normally available to students is not necessary. In general, modest equipment ingeniously used is more impressive.

16. All children must be accompanied by an adult during the evening event.

17. More about the project display:

Materials that can be used for the project panels are three sides of a large cardboard box, heavy cardboard, or Scholar Science Display Board (2-ply board with prescored foldout panels). The project **must stand by itself** and **can not be fastened to the table or walls**.

Display boards are available for purchase at the school for \$3.00 each (**cash only**) while supply lasts.

