

NORTH SHOREVIEW MONTESSORI SCHOOL

SCIENCE FAIR

May 12, 2010

SCIENCE FAIR GUIDELINES

The purpose of the Science Fair is:

- To stimulate in our students an active interest in science
- To provide educational experiences that are positive and enriching
- To give public recognition and encouragement to students who are interested in science
- To give students at North Shoreview Montessori an opportunity to be recognized for extended academic effort.

A science project shows why and how something happened. A successful science project tells a three-part story:

- What I wanted to know
- What I did to find an answer
- What I found out

Any North Shoreview Montessori School student in kindergarten through seventh grade may enter the Science Fair. **All work must be done by the students. Parents may give advice and direction, but should not do the project.** Suggestions for projects include: collections, experiments, demonstrations, plant and animal study, and protecting the environment.

All projects will be displayed on **May 12th** in the gym. Certificates will be awarded to all participants. Entry forms are due **April 19, 2010**. All entries must be brought to the North Shoreview Montessori gym at 8am **May 12, 2010**.

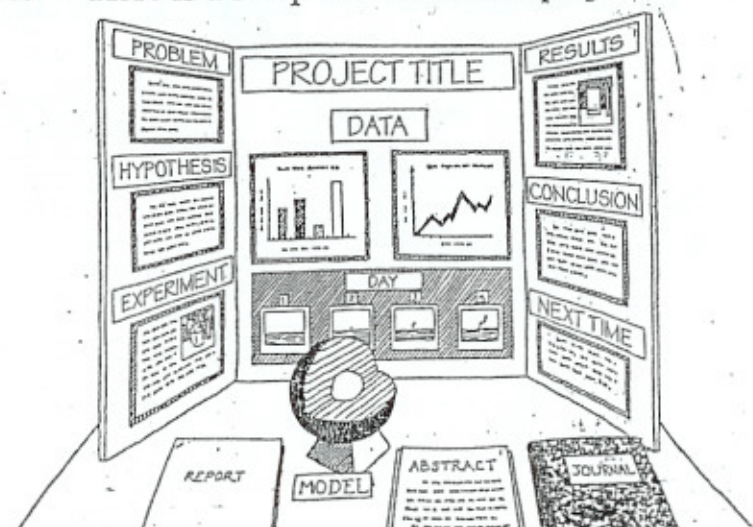
If you would like to enter the Science Fair, please fill out the form on the other side and return it to the office. If you have any questions, ask your teacher or Mrs. Fain or Mrs. Mamis.

Thank you,
The Science Committee

Parent volunteers will be needed on May 12, 2010 check out the school web site for further details shortly.

The finished project needs to have: Here is a sample of a finished project:

- Question/Project Title
- Hypothesis
- List of materials used
- Procedure
- Data
- Results/Conclusion



Science Fair Rules

To participate in the science fair you must turn in an application signed by you and one of your parents.

No more than two people per science project. Both students need to turn in permission slips.

Use of animals:

Animals may **only** be observed or involved in a science project in ways that **do not** harm them. Animals are **not** allowed at the science fair.

Volcanoes:

Volcanoes are limited to Kinder and First grades. The first 4 applications turned in for Volcanoes will be accepted.

Science project information must be displayed on a tri-fold board so that it can stand up on a table.

Scientists must conduct themselves in a responsible manor or they will have to leave the science fair.

Projects must be taken home by the end of the night of the science fair or they will be disposed of.

The Scientific METHOD

1st

Ask a Question or Make an Observation

What are you curious about, or what have you seen that makes you wonder?

2nd

Write a Hypothesis

What do you think is the answer to your question or the reason for your observation?

3rd

Make Predictions

What are some if/then statements that explain and confirm your hypothesis?

4th

Perform Tests or Experiments

What will you do to test your predictions? Your hypothesis may not have been correct. That's OK!

5th

State Your Conclusions

What did your experiment show? Did the experiment confirm your hypothesis?

Application

How does the information you found relate to everyday life?