Name: _____ Grade: _____

MOUNT PROSPECT SCHOOL SCIENCE FAIR
FRIDAY, APRIL 20, 2012
6:30-8:00 PM

If you are interested in solving scientific problems and enjoy doing experiments, then join other students in participating in the seventh annual science fair. Students will have the opportunity to display and explain their experiments at the science fair on April 20, 2012. ***All the work will be done at home and done by you***. Students will be responsible for recording their information in a journal, purchasing all materials, designing an experiment, and creating an exhibit to be displayed. Students will meet and share their journals with a science fair advisor. Who will answer questions and provide suggestions. Students will meet at least three times with an advisor; a reminder will be sent home regarding the dates of those meetings.

Scientific Method

As you develop your experiment, you are encouraged to use the scientific method.

1. Question (What do I want to learn?)
2. Procedure (How will I learn it?)
3. Hypothesis (What do I think will happen?)
4. Materials list (What do I need to carry out my experiment?)
5. Observations (What did I see?)
6. Results (What happened?)
7. Conclusion (What did I learn?)

Suggested Timeline

January 11th - January 20th

- Discuss the science fair with your parents
- Decide if you want to participate
- Sign up on January 20th by filling out a contract and placing it in the Science Fair envelope in your classroom.

January 23rd – February 15th

- Decide on how you will create your experiment. Record it in your journal.
- Collect or buy your materials for your exhibit, record them in your journal.
- Speak to specialists that have information about your hypothesis. For example, if you are creating an experiment dealing with electricity, you might want to speak with an electrician.
- Have a Science Fair conference with one of the Science Fair advisors.

February 15th – Have a conference with one of science advisors.

February 16th – March 2nd

- Continue to write down what you are doing with your experiment in your notebook including drawings. (You must make a minimum of 5 journal entries.)
- Assemble your experiment; decide what additional equipment you will need.
- Record your information each time you work on your experiment.
- Prepare questions or comments that you want to ask a science fair advisor.
- Complete at least five well-organized journal entries.
- Have a second conference with a Science Fair Advisor.

March 2nd – Have a second conference with a science fair advisor.

March 5th – March 23rd

- Continue to work on your experiment.
- Complete at least five well organized journal entries.
- Decide how you want to display your experiment. Draw a picture of this in your journal.
- Have a third conference with a Science Fair advisor.

March 26th – April 18th

Have a conference with a Science Fair advisor if necessary.

- Prepare your exhibit – write down your title, name, problem, your hypothesis, procedures, and describe the conclusion of your experiment on a display board. You have **three feet of space** for your display board and experiment:
  - Include your experiment or a picture of your experiment.
  - Make your journal available.
  - Inform the Science Fair advisors if you need access to water or an electrical outlet.

April 20th

- Bring in your display board to school
- Set up your experiment in the gymnasium or cafeteria between 6:00 and 6:30 PM.
- Be prepared to explain your experiment to the visitors who attend the science fair from 6:30-8:00 PM.
- Leave experiments in school to display for Monday, April 23rd. Take your experiment home on April 23rd.

Please remember you can display your experiment even if you did not prove your hypothesis.