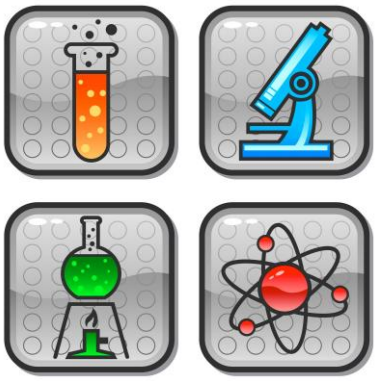

Glencoe Elementary School Science Fair

Thursday, April 6, 2017
5:30 PM

Science Fair Entry Form

You can also fill this form out online at:
http://tinyurl.com/glencoe-science-fair

DEADLINE: This Entry Form must be submitted to the front office no later than March 24, 2017
Questions or would like to volunteer? emee@ejpevents.com

(Please Print)

Student's Name: _____

Teacher: _____

Project Title: _____

Project Description: _____

Do you need an electrical outlet? _____

(Circle Yes or No)

Student's Signature: _____

My child, _____

Yes NO

has permission to participate in the 2013 Glencoe Elementary School Science Fair.

Parent/Guardian Signature: _____

You may use the following check-list to plan and organize your science fair project.

(This page is for you to keep.)

_____1. Choose a topic. (Mrs. EFB has many books with project ideas.)

_____2. Plan and prepare project. Begin now and work a little each day to allow enough time to complete. Review “The Scientific Method” on how to plan your project.

_____3. Complete the attached Entry Form and turn it into the office by Thursday, March 23rd. You can also complete this online at: **http://tinyurl.com/glencoe-science-fair**

_____4. Interpret Results and Draw Conclusions from the experiment.

_____5. Construct your display board, including titles, pictures, diagrams, charts, graphs, data, report, etc.

_____6. Set up completed project/display board in the Cafeteria on Thursday, April 6th, 2017 starting at 4:30 pm and completely set up by 5:30 pm. The Science Fair starts at 5:30 PM.

Have Fun!

The Scientific Method

(This page is for you to keep.)

I. PROBLEM (I wonder…)

- What am I in learning more about?
- What am I trying to find the answer to?
- Write a statement or question about the focus of your project.

II. HYPOTHESIS (I think…)

- Brainstorm ways to find some answers about the PROBLEM.
- Develop wording about the PROBLEM that can be tested.
- What could the answer to the PROBLEM be if I tested it?

III. EXPERIMENT (I do…)

- Design an experiment that will test the HYPOTHESIS.
- Note: Not all studies test hypotheses. Some involve detailed observations, for example: "What kinds of birds visit my bird feeder?" or, "How long does my dog sleep per day?" These are great studies for budding scientists.
- Carry out the experiment. (Follow safety precautions.)
- Collect data and organize it in a clear manner to be understood by others. (tables, graphs, charts, photos, etc.)
- Gather enough data to draw valid CONCLUSIONS

IV. ANALYSIS – Interpreting the Results! (I understand…)

- Study the data and interpret the results of the EXPERIMENT.
- Analyze results by looking at patterns and trends.
- Do the results of my answer or agree with my HYPOTHESIS? (It's OK if they don't!)

V. CONCLUSIONS (I found out…)

Study the INTERPRETATION of the data. What did I learn?

Try to answer the statement of the PROBLEM.

CONCLUSIONS are only based on the data collected.

The success of your science fair is not based on proving your HYPOTHESIS right or wrong, but in applying the scientific method properly.