

2019 Science Fair Night

Sponsored by Kenbrook PTA

Thursday, February 28th

6:30 – 8:00 PM



Mad Science Fire & Ice Show



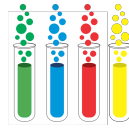
Student Project Display Expo

Make-and-Take SLIME Stations



All students who create a science fair project will receive a ribbon and will be entered in a drawing to win cool prizes!





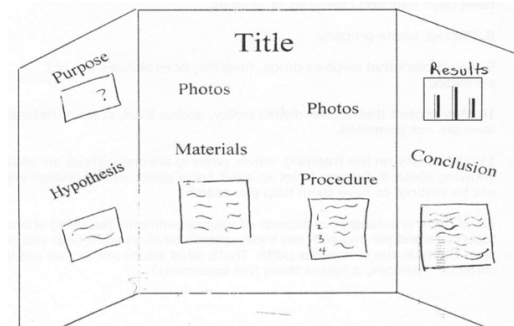
SCIENCE PROJECT STEPS

- **Choose a topic** that interests you. Find a science project idea at <https://www.sciencebuddies.org>
- **State your purpose as a question.** What is it that you want to find out by doing this project?
- **Research your problem.** Look at any books/websites that might help you, make observations by simply looking at things, talk to people, and find out as much as possible about your topic. Write down any ideas you have and where you got them.
- **Form a hypothesis.** What do you think is going to happen? Based on what you know or found out from step #3, what do you think the results of your experiments will be? After doing the experiments, it may turn out that your guess was wrong. It is okay if this happens.
- **Plan your project.** How will you test your hypothesis? What experiments will you do? How will you measure the results? Where will you keep your information? Be sure to keep notes and write down everything you do and what happens.
- **Collect all your materials.** Find a place to keep things where others won't bother them.
- **Conduct your experiments.** Use something to measure your experiments: a ruler or yardstick if you are measuring distance, a clock to measure time, etc.
- **Record your data.** As you do your experiments, you will want to write down what you saw or found out. Organize this information in an orderly manner. Put the date, time, and any other useful information. Write your measurements clearly.
- **Draw conclusions.** What did you learn from your experiments? Have you proved or disproved your hypothesis? You made a guess about what you thought would happen. Now tell what really did happen.
- **Prepare your titles, charts, graphs, drawings, and diagrams.** Make them large enough to see, neat, and colorful.
- **Construct your science fair display** on a tri-fold display board.

**CHECKLIST
PROJECT POSTER BOARD**

1. **Statement of Purpose** – State the purpose of the project **in the form of a question**.
2. **Hypothesis** – State the hypothesis (educated guess that answers the project question)
3. **Materials** – List the materials used in the experiment
4. **Procedure** – Describe how the experiment was carried out. Provide a step-by-step explanation of how you conducted the experiment. Include drawings or photographs to help clarify your procedures.
5. **Data/Results** – Present data tables and graphs that show the outcome of your experiment
6. **Conclusion** – compare your results to your hypothesis. Did you findings support your hypothesis or not?

Miscellaneous: Be sure to include name(s)
Include photographs or drawings
This is a visual way to communicate to others so take your time and do a good job.



- **Prepare and practice your presentation.** You will have an opportunity to share your project with your classroom during Show & Share. Be able to tell about what you used what you did in your experiments, and what you found out. Know it well enough that you don't have to read it from the display.
- **Bring Project Boards** to school on **Monday 2/25**

