



Dear Parents,

Memorial Elementary P.A.C.E. is proud to present that we will be having our annual **Science Fair on Friday, April 6 2018 at Hopedale Memorial Gym!** Experts in the field will be judging and awarding medals for the winners. We hope that, with your enthusiastic encouragement, your child/children will participate in the fair by preparing a project. A general rule of thumb to go by is:

- 4th - 6th graders should be doing almost the entire science project by themselves.
- 2nd and 3rd graders should be able to do many parts.
- Kindergarteners and 1st graders will need help for most of the project.

We are confident the following benefits will result from your child's participation:

- Reinforcement of grade level science, literacy and math skills
- Fostering curiosity, awareness, and creativity
- Learning research techniques
- Having fun with science!

In addition to the opportunity to work on a project, the science project allows children to use critical thinking and problem solving skills learned in science and in math. How to get started? The first thing to do is figure out what you want to find out. What are you interested in? Electricity? Magnets? Bugs? Slime? Mold? Weather? Focus on what you love to do most and have a fun, curious attitude. Once you have that down, it's time for the fun stuff—research, questions, experimenting, and results. A great website to go to for ideas is <http://www.sciencebuddies.org>.

Attached is a Science Fair **Project Selection Form**. Please complete the form with your child and return it the school by **February 1**. You are welcome to do the project with a partner or two. **Just designate all names on one form.** After your child selects their "project type" of collection, invention, research project or experiment they can go on the P.A.C.E. website under "Science Fair" for their appropriate packet to download to use for instructions. We look forward to your participation!

Please contact davidhodgdon@hotmail.com if you have any questions.

*"Science is not merely a collection of facts printed in an encyclopedia.
It is a living adventure of the human spirit." _ (Source unknown).*

Sponsored by 

Science Fair Project Selection Form
PLEASE RETURN BY February 1, 2018

Student's first and last name (printed) _____

Student #2 (if applicable) _____

Student #3 (if applicable) _____

Grade _____ Parent's/Guardian's signature _____

Date _____ Email _____

THE ORIGINAL SCIENCE QUESTION (KNOWN AS A PROBLEM) OUR PROJECT WILL ANSWER (SOLVE) IS:

*I need an electrical outlet. **Yes** or **No**
* I will use **Poster Board** or **Table Display**

*My project will be (please check one):

_____ **COLLECTION** (K-2nd ONLY) - You will collect and organize something of interest, answering questions related to observations made while exploring your world. Examples: What kinds of insects can be found in my backyard? What types of tree leaves can be found on my street?

_____ **EXPERIMENT** (K-6th) - You will conduct an experiment to find the answer to your question/problem. Using **The Scientific Method** will take you through the correct process of asking a question, doing some preliminary research, making a hypothesis (your best guess at how it will turn out), planning and conducting your experiment, and analyzing your results.

_____ **INVENTION** (3rd -6th ONLY) - Everyone is an engineer! You will use science, math, and creativity to dream up and design an object or a process to solve a real life problem. Using The Engineering Design Process will take you through all the necessary steps: asking a question, brainstorming, planning, creating, testing, and making it even better.

_____ **RESEARCH PROJECT** (K-6th) - Someone has already found the answer to your question/problem, and you will look for their answer/solution by reading books, talking to experts, and gathering information from other sources such as schools and public libraries. Your display board will have drawings, photographs, charts, graphs, dioramas, etc. Examples: How does a solar cell work? How does a light bulb operate? How do clouds form?

Sponsored by

