Dear Parents,

Our school will be having a **Science Fair on Thursday May 10, 2018**! All students in grades K-6th, have the opportunity to participate. We hope that with your enthusiastic encouragement, your child will participate in the fair by preparing a project. This will be an exciting experience for your child! All projects are to be brought to school for display on **May 9th**. We are asking you to assist your child in preparing his/her exhibit.

The following benefits will result from your child's participation in the Science Fair:

- Critical thinking
- Problem solving skills
- Reinforcement of grade level science, literacy and math skills
- Fostering curiosity, awareness, and creativity
- Increased scientific knowledge
- Learning research techniques
- Growth in ability to work independently
- Having fun with science!

Attached is a Science Fair **Project Selection Form**. Please complete the form with your child and have your child return it to their teacher by the date listed at the top of the form.

Thank You,

Science Fair Committee

SCIENCE FAIR

PROJECT SELECTION FORM

Return this form to your teacher by

April 9, 2018

Student's first and last name (printed) _____

Grade _____ Room # _____ Teacher's name _____

Parent's/Guardian's signature _____ Date _____

Your child does have the option to complete a project with a partner. If that option is chosen, both students need to submit a project form with a parent signature.

Partner: _____ Grade:_____

Teacher: _____

Even though you can learn a lot from building a model or display, we recommend that you do an Experiment!!! Why? Well, they are fun, they are more interesting and most of all, they take you through the SCIENTIFIC METHOD, which is the way real scientists investigate in real science labs. Also **SLIME** and **VOLCANO** projects will not be allowed.

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

_____

_____

_____

My project will be (please check one):

☐ **EXPERIMENT**– 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** - 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. You will go through all the necessary steps: asking a question, brainstorming, planning, creating, and testing.

☐ **RESEARCH PROJECT** - 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?