

# HANDS-ON SCIENCE!

FEBRUARY 23, 5:30-7:00

CHECK OUT THE SCIENCE FAIR PAGE ON  
GAYMAN'S WEBSITE FOR INFORMATION AND  
UPDATES

**Suggested curriculum-related topics are listed below. Students are not limited to their specific grade-level topics.**

- Kindergarten
  - Nature
  - My Body
  
- First Grade
  - Collecting and Examining Life
  - Solids, Liquids, Gases
  - Weather
  
- Second Grade
  - Habitats
  - Rocks
  - Sound/Energy
  
- Third Grade
  - Life Cycle
  - Motion
  - Solar System
  
- Fourth Grade
  - Matter
  - Electricity
  - Watery Earth
  
- Fifth Grade
  - Weather
  - Energy
  - Nature's Recyclers
  
- Sixth Grade
  - Pollution/Clean Streams
  - Earth's Changing Surface
  - Human Body

# GAYMAN ELEMENTARY SCHOOL SCIENCE FAIR

The staff of Gayman Elementary School is sponsoring a Science Fair on **Thursday, February 23** from 5:30-7:00 p.m. We invite everyone in Gayman Elementary to participate. Projects may be completed by individuals, brother/sister, or student teams in grades K-6. The science fair page on Gayman's website contains links to helpful resources as well as copies of paperwork and information about important dates and deadlines.

## **WHY SHOULD STUDENTS GET INVOLVED IN A SCIENCE FAIR?**

Participating in the Science Fair gives all children the unique opportunity to observe and explore the wonderful world around them. Students get to investigate answers to questions, then design and create a project to display their discoveries using different intelligences. Children have an opportunity to collaborate with friends while extending their classroom learning. Most of all, the Science Fair is fun!

## GUIDELINES

1. Complete the contract and return it to school by **January 6**. ***A contract indicates a commitment. Please discuss this responsibility with your child.***
2. Projects are to be completed at home by the student(s). Parental guidance, support, and involvement are encouraged. Teachers can act as resources and/or mentors.
3. Students may use the Gayman library and references for science projects.
4. Trifolds can be used, and are strongly encouraged, to display information. These may be purchased at school (see Special Considerations form for information on ordering trifolds). Trifolds may also be found at local office supply stores such as Staples.
5. Total area for display may not exceed 30" x 40" (special permission for larger displays may be granted if necessary).
6. The entry must be labeled with NAME(s), GRADE(s), AND HOMEROOM(s).
7. Experimentation, creativity and discovery are encouraged.

If your student would like to participate in the Science Fair, please return the attached **Contract and Special Considerations form** to your child's homeroom teacher by **January 6<sup>th</sup>**. Please contact your child's homeroom teacher if you need extra copies of the science fair packet. The packet is also posted on the Science Fair page on Gayman's website.

## FAIR DISPLAYS

The following information should be presented.

Purpose- What are you attempting to discover or prove? What question are you investigating?

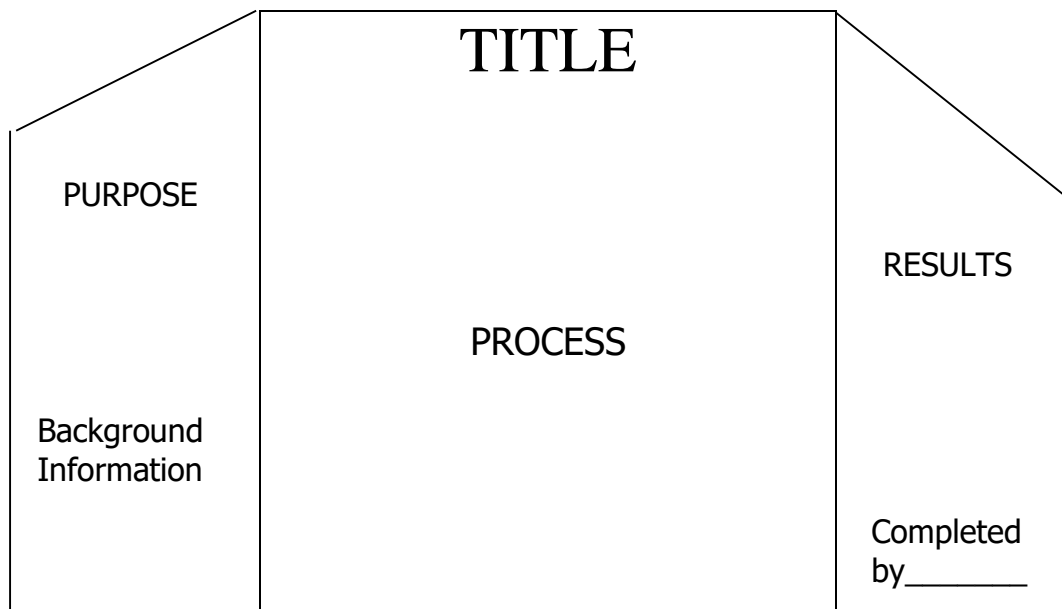
Background- Information needed to understand the purpose of the project/display. A statement explaining why you chose your topic is needed.

Process- What steps did you follow in conducting your research and/or experiment?

Results- What did you learn from of your research? Other information which you may display, but is not required, would include: magazine pictures, photographs, models, graphs and/or written material.

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Example:



# 2017 Science Fair Contract

## *Due January 6, 2017*

First and Last Name(s) \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

Grade(s)/Teacher(s) \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

Project Title \_\_\_\_\_

**By signing this contract, I agree to follow the guidelines for participating in the Science Fair. I also agree to see my commitment through to the end.**

Student Signature(s) \_\_\_\_\_  
\_\_\_\_\_

Parent Signature(s) \_\_\_\_\_  
\_\_\_\_\_

### ***Category*** ***(Please check One)***

The category you choose will be used to help us group and place your project in the fair.

Space & Beyond \_\_\_\_\_

Physical Science \_\_\_\_\_

Human Body \_\_\_\_\_

Plants & Animals \_\_\_\_\_

Earth Science \_\_\_\_\_

Simple Machines \_\_\_\_\_

Sound/Energy \_\_\_\_\_

Chemistry \_\_\_\_\_

## Special Considerations Form

Below you will find the form to order your 3-sided display board for your project as well as special requirements for your project. The display board is not required, but we think it will help you organize your information. Please complete the form below and return it to your teacher by **Friday, January 6**. We will get the boards to you as soon as they arrive.

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Please check all that apply

Name \_\_\_\_\_ Grade \_\_\_\_\_

- Enclosed is the \$3 for my board for my project  
(Please make checks payable to Gayman Elementary)
- No thanks, I do not need a board
- I am in need of an electrical outlet for my project
- My project will require a larger space than 30"x 40" inches
- I need a laptop or iPad (circle one) for my presentation. I know that I can bring my project in on a flash drive.
- Will be demonstrating at night - not to be touched during day.