

GARRISON SCHOOL SCIENCE FAIR – 2019

ALL STUDENTS INVITED TO PARTICIPATE!

The Garrison School Science Fair will be held the week of March 18th-March 20th, 2019.
We are looking forward to another year of impressive & innovative projects!

Project Submission Deadline Friday, March 8th!

Grades K-5 will set up their exhibits in the gym on Monday, March 18th from 7:15am-8:15am & judging will take place on the morning of Wednesday, March 20th. K-2 students will be encouraged, but not required to make brief presentations to the judges. 3rd-5th graders will be asked to present their projects.

Certificates of Participation will be awarded and top entries will be ranked. Winners will be eligible for participation in the **Tri-County Science Fair on Sat April 27th, 2019 in White Plains, N.Y.**

(Awards Ceremony to be held Monday, March 25th in the Gymnasium during school hours.)

Please note the following:

Grades 5-8 should use the Scientific Method (see attached information)

Grades K-4 are not required to use the Scientific Method.

We recommend the use of freestanding project display boards, available through Mr. Keegan and also in many office supply stores.

The fair will be open for public viewing in the gym on **"Family Science Night" from 5-7pm Wednesday, March 20th with fun activities for the whole family!**

Attached is a summary of the Science Fair format & guidelines. Useful resources include the science project books in the school library & science websites.

VOLUNTEER YOUR TIME FOR THIS GREAT EVENT!

We will need parent helpers for judging day to help bring children to and from their classrooms. It is a lot of fun to see the projects & help the kids as they are happy & enthusiastic about their projects but also a bit nervous about presenting! Parents needed from 9am-12pm Wednesday, March 20th.

If you have a background in Science, please consider helping us with judging this year. We could use your help! Wednesday, March 20th hours ranging from 8:30-2pm Depending on your availability.

All interested volunteers please contact Shahla Jannetta: mamashahla@gmail.com

SCIENCE FAIR INFORMATION

Each participant should choose a topic of interest & develop a project. Students in the 5-8th grades must use the scientific method and those projects should consist of a model, charts and/or diagrams, a prepared oral presentation for the Science Fair judges (10 minute maximum) and a written report.

K-4 students are not required to make an oral presentation but it is recommended as it helps the judges understand their projects and gives them practice in presenting. The judges are very gentle & kind. The projects can be on a project display board but can basically be presented any way the student is comfortable, especially if they are in the very young grades. A written report is also optional. This should be a fun experience for these students & used as an introduction to the world of science experimentation.

THE SCIENTIFIC METHOD:

Purpose – The problem or question for which you are seeking a solution

Hypothesis – Your educated guess about the solution to the problem

Research – Gathering information by consulting libraries, instructors and professionals

Experiment–Translating your knowledge & research finding into tests of your hypothesis

Conclusion – The proof or disproof of your hypothesis.

CATEGORIES:

Biology

Chemistry

Earth and Space Science

Engineering & Technology

Environment

Mathematics/Computer Science

Physics

Psychology (Middle School Only!)

THE PROJECT:

Your project display should contain:

Project title

Purpose

Hypothesis (grades 5-8)

Conclusion

YOUR NAME, SCHOOL, GRADE & AGE

(DON'T FORGET NAME!)

Oral Presentation (10 minute maximum):

Introduce yourself & how you got interested in your topic

Discuss your project, research & use of the scientific method (grades 5-8)

Discuss your findings & conclusion

Leave time for questions & answers

Written Reports:

Introduce & describe your topic; state your hypothesis; describe how you tested the hypothesis, the research you conducted & the conclusions you reached. Provide a bibliography (author, name of book, paper or website), title of journal (if necessary), publisher & date.

JUDGING CRITERIA:

Creative ability:

Originality, ingenuity and flexibility in confronting problems

Scientific thought:

Organization, accuracy, cause and effect reasoning, analysis, and synthesis of findings.

Thoroughness:

The completeness of your study and evidence of data gathering

Skill:

Quality of workmanship, mastery of technique, overall construction and look of project

Clarity:

Well organized and easy to follow project display and oral presentation

The Science Fair is very important to the Garrison School as we are the only school in this area who sends their students to the Tri-County Science Fair! Our students have been very successful at the Tri-County Science Fair & we would like to make sure this success continues!

Please join & help us with this very important program.

Thank You,

GUFS PTA