



GISNY NEWSLETTER Dec. 19, 2018

Science Fair 2019

We are excited to announce our fourth Science Fair at GISNY on Thursday evening, March 21st, as well as Friday, March 22nd during school hours. We hope many third, fourth and fifth graders will participate. If your child is interested in joining the Fair, please read carefully through the attached flyer as it contains important information about the process. Registration forms are due on Thursday, January 10th. Students are allowed to participate as a group but it is necessary to fill out a registration form for each child which has to be signed by the parents.

We would like to take this opportunity to introduce our very first International Science Fair on Thursday May 9, 2019!

Selected students from our GISNY Science Fair will be invited to the **International Science Fair at the German International School New York**, which was chosen by the Goethe Institute to be part of the **Year of German-American Friendship 2018/19** along with 300 other projects and 1000 other events all across the United States. **In cooperation with the Goethe Institute, the Federal Foreign Office BDI and The Voice of German Industry**, the Science Fair will be “wunderbar together” showcasing the work of our students together with students from nearby elementary schools. We hope many of you will join us in taking this opportunity to meet and socialize with our neighboring schools.

We are looking forward to seeing many of you there!

-Corinna Guerriere and Jork & Eva Schmoeckel

Parent Info Night | 4th to 5th Grade Transition

We invite you to join us for our **4th to 5th Grade Transition** evening on Jan. 15, 2019 @ 7.30PM. This evening will focus on the transition from grade 4 to grade 5 at GISNY. Parents of all grades are invited to learn more about our education model in Gymnasium, English and DeutschPlus language concepts, Ethics/Religion courses, and athletic programs. A presentation will be led by faculty members with time for questions and answers.

To learn more and register, please visit <http://www.gisny.org/informationeveningregistration>

*Wir laden Sie zu unserem Informationsabend über den **Übergang von der 4. in die 5. Klasse** am 15. Januar 2018 um 19:30 Uhr ein.*

Diese Veranstaltung informiert Sie über den Übergang von Klasse 4 in der Grundschule zur Klasse 5 im Gymnasium an der GISNY. Eltern aller Klassenstufen sind willkommen und werden über folgende Themen

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informiert: unser Ausbildungsmodell am Gymnasium, den Fachbereich Englisch, unser DeutschPlus Konzept, Ethik- und Religionsunterricht und über unser außerschulisches Sportangebot. Die Präsentation wird von Mitgliedern des Lehrerkollegiums geleitet, die auch zur Beantwortung Ihrer Fragen zur Verfügung stehen.

Für weitere Informationen und um sich anzumelden, bitte folgen Sie diesem Link:
<http://www.gisny.org/informationeveningregistration>

Die deutschen Kirchengemeinden in New York laden herzlich ein zur Feier der Weihnachtsgottesdienste:

Evangelisch-Lutherische St.-Pauls-Kirche New York (315 West 22nd St, New York 10011):

24. Dezember (Heiligabend) 14 Uhr Familiengottesdienst mit Krippenspiel; 16 Uhr Christvesper.

25. Dezember (Weihnachtstag) 10:30 Uhr Festgottesdienst mit Abendmahl und Musik.

Deutschsprachige Katholische Gemeinde New York: 24. Dezember (Heiligabend) Christmette mit Krippenspiel

(Kapelle der Stepinac High School-950 Mamaroneck Ave, White Plains 10605).



GISNY Science Fair

Create your own science project and share it at school

What is a Science Fair?

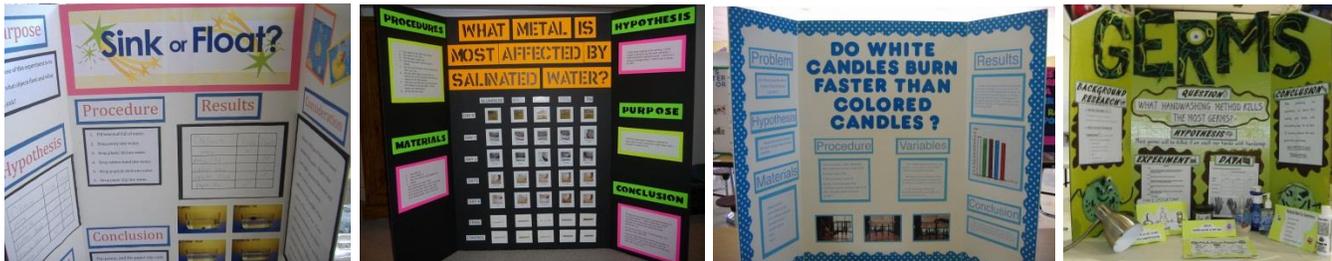
Kids from 3rd, 4th and 5th grade select their own science project, work either alone or together with a friend, conduct the experiment at home, create a presentation on a tri-fold presentation board, and bring it to school to explain the experiment to other kids in the elementary school, teachers, and parents.

What are some examples of Science Fair projects?

- Have you ever watched ants carrying bits of food? What food from your kitchen do you think an ant likes most?
- How long does it take ice to melt at room temperature compared to a warm stovetop or the refrigerator?
- What happens when saltwater from the ocean evaporates?
- Can you learn to predict the weather from the clouds?
- Can you use a magnet to find traces of iron in food, dollar bills, and other household materials?
- Why does a balloon stick to the wall after you rub it against your shirt?

How does the GIS Science Fair work?

Our GIS 3rd, 4th and 5th grade Science Fair will take place on Thursday, March 21 2018 at 7pm and on Friday, March 22 2019 during school hours. Students who choose to participate will display their science, technology, engineering or math project for fellow students and families. Participation is optional. Students may work with a partner or work alone. The presentation may be completed in German or in English. Information and resources for preparing your Science project are attached.



Science Fair Registration Form

Please complete and return to homeroom teacher by Thursday, January 10, 2019

PERMISSION: I give my child permission to participate in the GIS Science Fair on March 21 / 22, 2019. I understand that my child will miss class in order to present his/her science project at the fair. I understand that photographs of my child participating in the Science Fair may appear on the GIS website, newsletter, or yearbook.

Student's name _____ Grade _____ Teacher _____

Partner's name (optional) _____ Grade _____ Teacher _____

Home phone _____ Parent cell phone _____

Parent email address _____ Parent Signature _____

Questions? Corinna Guerriere cguerriere@gisny.org OR Jork Schmöckel jschmoeckel@gisny.org



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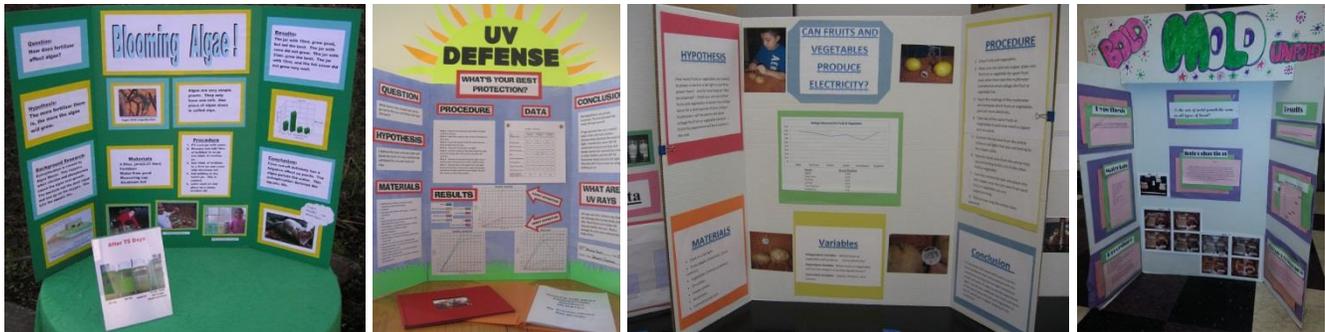
Create your own science project and share it at school

Important Dates

Thursday, January 10	Science Fair Registration Form due to homeroom teacher
Thursday, February 7	Meeting in aula during recess at 10:05 for registered students. Written Project Proposals are due. Presentation boards will be distributed
To be announced	Practice sessions for participants. Note cards only, presentation boards and other materials are NOT to be brought to school
Thursday, March 21	Set presentations up in school at 6:30pm Science Fair takes place from 7pm – 8:30pm
Friday, March 22	Science Fair takes place during school hours.

What are the guidelines?

- If you are doing an onsite experiment, you must be able to repeat it multiple times throughout the fair
- Candy, food and other giveaways may not be distributed at the Science Fair
- Please no: live animals, open flames, toxic or hazardous chemicals, explosions, model volcanoes, “goo”
- Your proposal may be rejected or modified if it is thought to be unsafe or inappropriate for school



How can parents help with Science Fair projects?

Parents can help by providing support, but without actually doing the work. What can parents do?

1. **Get Information** Ask your child about the project and the steps needed to complete it
2. **Provide a Space** Find a safe place for your child to work and to store the project
3. **Plan** Help your child make a plan to complete the necessary steps on time
4. **Gather Supplies** Have your child make a list of the tools and supplies needed for the project, then help locate those items around the house (or go shopping, if necessary)
5. **Pack and Carry** When the project is complete, help your child pack it carefully and bring it to school
6. **Volunteer** Help out at school on the day of the Science Fair

Questions? Corinna Guerriere cguerriere@gisny.org OR Jork Schmöckel jschmoeckel@gisny.org

How to Prepare a Science Fair Project

1. Select a Topic: Think about something you are curious about - - plants, animals, electricity, the environment, machines, computers, astronomy, math, medicine, psychology, geology (rocks), etc.

Maybe there is something you have always wondered, like what causes rain? What animal migrates farthest? What causes rainbows? Where did the sun and its planets come from? What makes a magnet attract some metals but not others? Your natural curiosity could lead to a great scientific discovery.

Maybe there is an interesting scientific experiment you could demonstrate, like disappearing ink, weights and balances, objects that float vs. objects that sink? Maybe there is an engineering idea that you could model, like a pulley or a catapult?

There are hundreds, probably even thousands of possibilities for a good Science Fair project. Some websites to explore for inspiration are:

www.sciencebuddies.com

<http://www.education.com/science-fair/>

<http://www.sciencefairadventure.com/>

2. Research and Prepare: Depending on your project, you will need to gather information and/or materials. Use a variety of sources, including books, websites, magazines and your own experiences. Consider speaking to experts and professionals such as teachers, scientists, engineers or others who may be able to inform you on your topic. *For additional guidance, ask to make an appointment to speak to your teacher during recess or lunch, and discuss your project with your teacher.*

If you are doing an experiment use the Scientific Method:

- **PROBLEM** (I wonder) What question are you asking?
- **HYPOTHESIS** (I think) What do you think the answer will be?
- **EXPERIMENT** (I do) Design your experiment to test your hypothesis. Write down what you see happening. Record your observations. List the steps you took to conduct your experiment. Present the information in graphs, tables, photographs, etc.
- **INTERPRETATION OF RESULTS** (I understand) Think about and study the data. What does it mean? Did the results support your hypothesis?
- **CONCLUSION** (I found out) What did you learn? Your conclusion should be based upon the data collected in your experiment. Was your hypothesis correct? What did you learn from your experiment?

For a Demonstration, Collection or Research project:

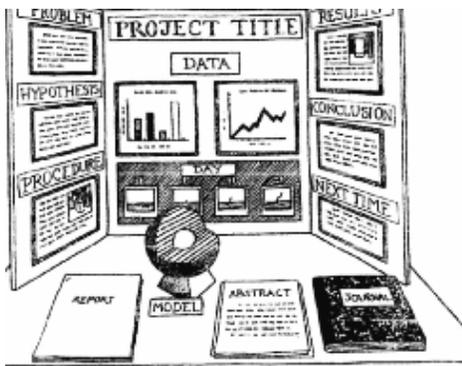
- Decide what you want to show people about your chosen topic.
- Record your data in tables, graphs or charts to organize your information.
- Use photographs, pictures, and models.

3. Prepare Project Display and Presentation.

You need to prepare a display board that explains your project. If applicable, your experiment can be conducted at the fair. Models or other displays may also be presented. You will also need to prepare and rehearse a 1-2 minute presentation about your project. Any demonstrations you plan to conduct need to fit into this time.

For your display board, the title and heading should be neat and large enough to be read at a distance of about 3 feet. A short title can be eye –catching. Print or precut letters and glue them to the board or use a stencil.

Here is an example of a display board:



WHAT ARE WE LOOKING FOR IN YOUR PROJECT?

A. Scientific Thought: Did you explain the scientific principle or research behind your idea? Is your work organized and accurate? Did you use the Scientific Method for experiments?

B. Thoroughness: Does your display show all of your work? Did you include charts, tables, graphs, drawings or photographs? Did you write note cards and practice your oral presentation? Did you include a summary?

C. Skill: Is your display or project well made? Did you build, or draw, or photograph your work? Did you make your own graphs and pictures to show your research? Can you describe your project when students, teachers and parents visit your table?

D. Clarity: Does your display and report clearly explain what you did? Is it neat, organized and easy to read? Did you write in full sentences and spell words correctly? Did you label and explain the pictures, graphs and other information?

E. Creative Ability: Did you come up with your topic on your own or find it in a book or internet site? Did you make your project or buy a kit? Did you find an unusual and interesting way to express your ideas on your display?

F. Presentation: Were you well prepared to explain your project and conclusions? Did you explain your project clearly in the time allotted (1-2 minutes)? Did you refer to your display (board and other materials)?

THANK YOU FOR PARTICIPATING IN THE GIS SCIENCE FAIR!

If you have questions about selecting a topic, conducting an experiment or preparing your presentation, you may discuss this with your teacher at a time that is convenient for them.



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Project Proposal – Due February 7, 2019

Hand in during the Science Fair meeting in the Aula during recess at 10:05AM

Name _____ Grade _____ Teacher _____

Partner's Name _____ Grade _____ Teacher _____
(optional)

My/Our Science Fair topic is _____

The question I/we will answer is _____

Materials I/we will need (if any) _____

The sources (interview expert, books, internet, etc.) I/we will use to gather information are:

My/our timeline for completing the project is:

Date

_____ Complete research to be announced Practice presentation during recess

_____ Gather materials March 21 Set up presentation at 6:30pm
/presentation

_____ Finish conducting experiment March 22 Science Fair during school hours

_____ First draft of oral presentation

_____ Complete presentation board

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