



FGES Night at the Museum

What? Science & Social Studies Fair for all grades!

When? Tuesday, March 3, 2020 from 6:30 – 7:30 pm
***** Set up begins at 6:00 pm *****
(Snow Date: March 10, 2020)

Where? FGES Cafeteria

The FGES PTA is excited to announce the 6th annual Fountain Green Elementary School Night at the Museum! This event will allow students to investigate a topic that interests them in the disciplines of History, Science, Technology, Engineering, or Math (STEM) and present what they have learned in a fun and creative way! Participation is entirely voluntary, and parental involvement is encouraged.

Participating students will receive a book and be entered into a raffle to win one of several other PRIZES (such as tickets to zoos, museums, science kits, and more)! Selected projects will be displayed in the FGES lobby the following week. Finally, the class with the most participating students will win new books for SSR, and the grade level with the most participants will receive a prize!

Working individually or with a partner, students will:

1. Choose a topic related to history or a STEM discipline.
2. Learn about their topic through research and/or experimentation.
3. Create their exhibit. Exhibits may include:
 - A poster or 3-panel exhibit board.
 - A three-dimensional model.
 - A costumed portrayal of an important figure with an oral presentation of information.
 - A PowerPoint slideshow or short video (students must provide their own laptop/tablet and electrical cords).

Guidelines for projects for each grade level are on the back of this form. More detailed information can be found on the PTA website: www.fgespta.org and look under the events tab for Night At The Museum . Please email the coordinators with questions/requests for advice on projects: Jackie Madden (jaclyn.madden26@gmail.com) or Megan Mocik (mmocik@aol.com).

To sign up for the Night at the Museum, please respond to the Evite at:
<http://evite.me/A3AN156MyC> or return this slip to your child's teacher **NO LATER THAN**
FRIDAY, JANUARY 31, 2020.

Student Name: _____ Grade: _____

Teacher Name: _____ Parent Email: _____

My child's project will be a (check one): STEM Experiment/Invention History Project

FGES Night at the Museum Grade Level Guidelines

See PTA Website for additional information:

www.fgespta.org and look under the events tab for Night At The Museum

Grades K-1

Students should present at least 3 pieces of information about their topic, either orally in costume or through their display. Students are encouraged to use at least three informational texts (non-fiction sources) when conducting their research.

- STEM: Students are encouraged to choose a general STEM topic or famous scientist/inventor to learn more about. (Examples: gravity, robotics, Albert Einstein, etc.)
- History: Students are encouraged to compare some aspect of life today with life "long ago." (Examples: lighting – electric lights vs. candles and oil lamps; school – modern school buildings vs. one-room schoolhouses; play – video games vs. homemade wooden toys)

Grades 2-3

Students should present at least 6 pieces of information about their topic, either orally in costume or through their display. Students are encouraged to use at least five informational texts (non-fiction sources) when conducting their research.

- STEM: Students may choose a general STEM topic or famous scientist/inventor to learn more about (e.g.: gravity, robotics, Albert Einstein, etc.), or they may try their hands at a simple concept experiment. This experiment can be kit-based and may require adult help. If trying an experiment, the students should try to understand and explain the principle behind it. For example, if you are trying to grow crystals on a string, they should try to understand why the crystals are forming and be able to explain the concept in their own words.
- History: Students are encouraged to research a topic related to world history and cultures. For example: the Navajo people, ancient Egyptian pyramids, Vikings, famous European explorers, the Great Wall of China, Pompeii, Irish folk traditions, etc.

Grades 4-5

Students should undertake a scientific, technological, or historical investigation that asks a question and presents a conclusion supported by evidence. Please see the PTA website for more detailed information.

- STEM Experiment: The project must answer a question and produce numerical results that can be graphed. The project must use the scientific method. (More information posted on the PTA website.)
- STEM Invention: Your project must try to improve a process or product and produce numerical results that can be graphed. The project must use the engineering design process. (More information on the PTA website.)
- Historical Investigation: Students should research a question related to United States history or Maryland history. The project must use the historical inquiry process. (More information on the PTA website.)