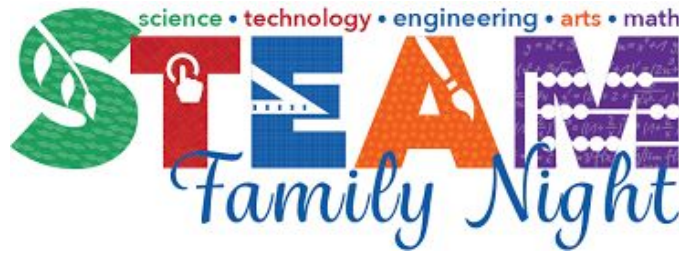


# NORTHEAST MIDDLE SCHOOL TEACHERS AND NEPTO

## INVITE YOU TO OUR TITLE I



Parent involvement is directly linked to student achievement. Student success depends largely on collaboration between educators and parents. We welcome you to join us as Northeast teachers and members of the community model STEAM concepts at this interactive night of activities and presentations.

***Refreshments will be served! Great raffle prizes, including IronPigs and Phantoms tickets, and a special appearance by Melvin, the Phantoms mascot, will top off this educational evening!!***

- WHO:** All Northeast Families (Parents, Northeast Students, and School-Aged Siblings)
- WHAT:** A hands-on learning experience in Earth, Physical, and Biological Sciences, Technology, Engineering, the Arts, and Mathematics
- WHEN:** Wednesday, March 14, 2018 - 5:30-7:30 PM, Registration begins at 5:00 PM
- WHERE:** Northeast Cafeteria and Various First Floor Classrooms

Title I is a federally funded program designed as a supplemental program to ensure that all children have equitable access to quality educational opportunities. The financial assistance provided through Title I enables schools to better meet the academic needs of children in schools with high poverty levels. Through Title I programs, students receive supplemental instruction in reading, language arts, and mathematics with the goal of their reaching proficiency in academic achievement standards and state assessments.

**NEW THIS YEAR - Pre-Register! Use this link or QR Code to sign-up for your top 3 sessions and skip the wait at the registration table! Pre-Registration will be open until the end of the day on Friday, March 9th.**



**[www.SignUpGenius.com/go/10C0449AEAB28ABFB6-nems](http://www.SignUpGenius.com/go/10C0449AEAB28ABFB6-nems)**

***NOTE:*** You are welcome to attend even if you do not return the slip below, but we would appreciate knowing how many people to expect. The entire family is welcome!

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---Please complete and return the slip below to your child's homeroom teacher by Friday, March 9, 2018-----

### NEMS FAMILY STEAM NIGHT RSVP FORM - please print

Student Name(s) \_\_\_\_\_ HR Teacher \_\_\_\_\_  
Parent Name(s) \_\_\_\_\_  
Email Address \_\_\_\_\_  
**Total** Number of Family Members Attending \_\_\_\_\_

# CHECK OUT SOME OF THE EXCITING THINGS YOU CAN ENJOY AT THIS YEAR'S STEAM NIGHT!

\*Denotes a session

**STEM Brain Game Activities** - A variety of STEM Brain Games will be presented for students and parents to play, including award winning games (Mensa Select, Parent Choice Gold Award, Oppenheim Award, Brain Child Award, etc.)

**Google Draw** - Shapes, Color, and Creativity! Use Google Draw to create your own picture with a bit of geometry sprinkled in.

**"Painting with a Twist"** - Create a visual interpretation of a poem using water colors/pastels. Guests will leave with their work of art!

**Balloon Rockets** - How does the volume of air in a balloon affect the distance it travels? Find out by creating and testing your own balloon rocket. Participants will experiment with their balloon rocket to observe the distance traveled each time the size of the balloon is changed, then draw conclusions from the data collected.

**It's Not Rocket Science... Or is it?** Este Rocket Club - How to build and launch model Este Rockets. You'll learn the instructions, technical terms, materials, kits, engines, and launching systems necessary to launch your own Este Rocket.

**Origami** - Come learn the art and mathematics behind folding paper. See how some traditional origami items and some geographic items are created, and create your own origami to keep.

**Math Brain Teasers & Logic: Can YOU Figure It Out?** - Do you have enough math logic? Participants will attempt to complete various brain teasers and math logic puzzles. Activities include: Tower of Hanoi, Sumoku, Tangram Magnetic Puzzles, Cubic Puzzlers, and Q-bitz Jr. Families will be given materials to sign out to continue to practice some of the math brain teasers and logic puzzles at home.

**ArtsQuest** - This STEAM project is getting some color! Explore the use of mirrored surfaces that will double an image and create thousands of new patterns! Students will look at reflective qualities and how they can use that to create a one of a kind kaleidoscope. Students will combine recycled materials and unite them with mirrored surfaces to explore repeating patterns.

**Liberty High School STEM Club** - Various demonstrations exploring the different aspects of STEM.

**Cops 'N Kids** - Take home a free book!

**\*"Mix & Measure Up" Practical Kitchen Math** - Guests will rotate around three different stations, creating some simple recipes and practicing basic measurement skills. We will also talk about reading nutrition labels and how to estimate a healthy portion size.

**\*Egg Drop** - Don't break the egg! Plan and pack your egg into a box so that it does not break when we drop it. Will you have an egg-cellent plan or will you crack under the pressure?

**\*Guitars and Plots** - Want to learn how to play chords on the guitar? Using this instrument's x and y axes, you can learn to plot your fingers on the fretboard and play a song or two! Rock on!

**\*"Crime Scene Investigation: The Code of Fingerprinting"** - Guests will gather information on fingerprinting through a presentation detailing techniques, analysis of common types, and useful facts. Guests will then fingerprint themselves and analyze their fingerprint dominance. As time allows, guests may use information learned from the presentation to dust the classroom for fingerprints.

**\*Catapults** - Students and parents will use isolated steps of the design process to design and create a small catapult using limited resources and materials. Your catapult will need to be specifically designed to accomplish one of two tasks - accuracy or distance. For accuracy, groups will have to design a catapult/launcher to send a ping pong ball ten feet into a Rubbermaid container. For the distance portion, your launch will be measured from the launch to where the ball first makes contact with the ground. We look forward to your creativity and design ideas!

**\*Game Development** - Learn how to create your own game, and play a sample of another online game.

**\*Pocono Wildlife Rehab Center** - See live reptiles, birds, and mammals!

**\*PA Game Commission** - Learn about wildlife tagging, banding, and marking for research and management purposes.

**\*Lymes Support Network** - Learn about Lymes Disease in this presentation sponsored by the PA Health Department.