



Calendar
February 1, 2014

UPCOMING and IN-PROCESS ACTIVITIES

- Mar 29** **Middle Country Public Library – Maker Fair and Mentors Needed**
Need volunteers in STEM fields to meet with teens in 7th-12th grade that are part of the MCPL Maker Team. These teens are helping to develop hands-on STEM activities for young children K-5th grade in our Makerspace workshops.
We are also looking for volunteers to help out with activities at our Maker Fair or speak about their careers, and/or facilitate a demonstration of a STEM activity on:
Saturday, March 29 1:00-3:30pm
Contact: tanzikristine@middlecountypubliclibrary.org or 631-585-9393 x230
- February – March** **SUNY College at Old Westbury**
Need companies to host tours for ~12-15 college students deciding on college majors for to expose them to as many career fields as possible.
Contact Jerilyn Marinan, Director of Career Planning & Development
marinanj@oldwestbury.edu or 516-876-3067 (Office)
- Feb 10** **Long Island Science and Engineering Fair**
Need volunteer judges for student projects. Learn more on the STEM Hub site:
www.listemhub.org
- Feb 20** **NYIT ‘Bring a Girl to Engineering Day’ on campus**
Read more here about this national program: <http://www.discovere.org/our-programs/girl-day>
Contact: Kaitlyn Melexen kmelexen@nyit.edu
- Feb 25** **Hauppauge High School ‘Career Exploration Day’, 7:15 am – 2:15 pm**
Volunteers needed to speak with students at roundtables to give insight into your career.
Contact: Frank Hufnagel at 631-761-8332 or hufnagelf@hauppauge.k12.ny.us
Barbara Slocki at 631-761-8266 or slockib@hauppauge.k12.ny.us
- Feb 27** **PS 59 Beekman Hill Elementary School, Manhattan “Family Math Night”**
Need volunteers to staff a ConnectToTech table to talk about STEM activities opportunities in the area and general information about careers and education.
Contact: Judy Murrah at judy.murrah@ConnectToTech.org
- Feb 28** **ConnectToTech General Meeting, St. Joseph’s College, 4:00-6:00pm**
- Mar 14** **Smithtown High School East Library “Female Power Brunch”, 9:00am – 2pm**
Need volunteers to discuss careers and personal development with female students.
Contact: Mary Pat Grafstein at mgrafstein@smithtown.k12.ny.us
- Mar 27-29** **FIRST Robotics Regional Competition, Hofstra University**
- April** **Smithtown High School STEM Career Day, 9:00-1:00**
Need volunteers to discuss careers and support hands-on activities. Further details tbd

- Apr 8 Commack High School 10th Grade Shadow Day**
Join in a unique program designed to offer tenth graders the experience of a day in the workplace. Employee/mentors offering to host, have their positions listed in "student handout". Student pairs select a position from the handout and fill out an application. The school selects a qualified student pair. On April 8, 2014 students shadow the employee/mentors for approximately four to six hours between 7:30am-2:30pm. Contact:
Diane Nelson, Career / Internship Teacher - 631-912-2206; dnelson@commack.k12.ny.us
- Apr 8 NYIT / ConnectToTech STEM Showcase Competition**
Need school teams and business judges for this high school event (rules to be published). Students showcase a project worked on during the year, are recognized and earn awards. Business professionals judge student presentations according to set criteria (in-depth technical expertise not needed!).
- Apr 9 STEM Hub Annual Expo Day, 8:00 am - 12:30 pm**
- Apr 10 Patchogue-Medford Career Day, 8:30 – 11:30 am**
Need volunteers to discuss your science, technology, engineering or math career in a small group setting of students. Lorraine Meyer – lmeyer@pmschools.org
- May 9 ConnectToTech General Meeting, Location tbd, 4:00-6:00pm**
- May St. Joseph's College Programming Contest**
Participate in this annual high school programming competition open to all greater New York area high school teams. Teams compete to solve problems within a specified time period, and winning team members each receive a cash prize. More information, including sample problems and instructions on how to enter a team or multiple teams in this year's competition, is here: <http://www.sjcnyc.edu/Academics/High-School-Programming-Competition/584/>

OTHER PROGRAMS AVAILABLE TO SCHOOLS:

CA Technologies

Tours to see the data center, labs and talk with professionals – all grade levels.
'Digital Schoolhouse' computer training room available for scheduling customized hands-on sessions to support your Grade 3-5 curriculum– e.g., web development, coding, etc.
Contact Tami Clarke at CA for more details: Tami.Clarke@ca.com or 631-342-2062

Cablevision 'headend' operations facility tour

Contact Joe Godas at Cablevision for more details: JoeG@cablevision.com

Cradle of Aviation Museum – Garden City

<http://www.cradleofaviation.org/education/index.html>

A wide variety of classes across all STEM disciplines for K-12 and professional development

Custom Computer Specialists

Tours to see the IT services and support areas and talk with professionals – all grade levels.

GameBuilders Academy www.gbalearning.com

GBA programs are designed to get young students excited about math, science, and technology. We do this through teaching video game development, robotics, and other courses. Students apply and practice what they're learning in school through the work they do in building their video games and other projects.

Long Island Science Center <http://www.lisciencecenter.org/PROGRAMSCLASSES.aspx>

Programs and classes in Earth Science, Physical Science, Technology, Chemical Science,

Physics, Biology Chemistry, Life Science. Special programs also available

Maritime Explorium – Port Jefferson <http://maritimeexplorium.org/>

Hands-on activities, exhibits and summer camp

Math Museum – NYC

<http://newscientist.com/blogs/culturelab/2012/12/momath-manhattan-museum-of-mathematics.html>

Microsoft Store at the Walt Whitman Shops

“Classroom” and facilitators available for customized workshops for students, teachers, community groups

Newsday College PrepTalk college planning guide

Printed guide and workshops available to schools and organizations through Newsday. Long Island STEM Hub and resources available through ConnectToTech are included.

<http://edition.pagesuite-professional.co.uk/launch.aspx?eid=31d231aa-3fb6-485f-9fdf-593afddc5fec>

Space Program Speaker – Bill Vojir, St. Joseph’s College

Bill is available to attend school activities to engage students in the excitement of the U.S. space program and its tie to STEM skills