



Calendar
November 8, 2013

UPCOMING and IN-PROCESS ACTIVITIES

- Dec 12** **Middle Country Public Library – Maker Fair and Mentors Needed**
Dec 19 **Need volunteers in STEM fields** to meet with teens in 7th-12th grade that are part of the
Jan 6 MCPL Maker Team. These teens are helping to develop hands-on STEM activities for young
Jan 13 children K-5th grade in our Makerspace workshops.
Mar 29
- We are looking for volunteers to attend any Maker meetings at the Middle Country Public Library – Centereach on the following dates and times to mentor teens with their projects:
Wednesday, November 6 – 5:30-7:00pm
Thursdays, December 12 & 19 and Mondays, January 6 and 13 – 5:30-7:00pm
- 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@middlecountrypubliclibrary.org or 631-585-9393 x230
- Dec 6** **Commack High School Career Café, 7:00-9:05 am**
Need volunteers to meet with 9th grade students to discuss such career perspectives as job responsibilities, skills / education / career pathways, gaining experience in the field, salary expectations. Each business rep will meet with groups of 10 students for 15 minutes. You may bring materials or brochures to support the discussion, but it is not required.
7:00-7:30 breakfast, 7:35-9:05 student discussions. Located in cafeteria
Contact **Diane Nelson** at dnelson@commack.k12.ny.us or 631-912-2206 **by Nov 8**
- Dec 6** **ConnectToTech General Meeting at St. Joseph’s College, 4:00-6:00pm**
32 Audobon Ave, Patchogue; Business and Technology Center
Directions to the campus: <http://www.sjcnyc.edu/AboutUs/Long-Island-Campus-Directions/96/>
Campus map: <http://www.sjcnyc.edu/Admissions/Long-Island-Campus-Tours/89/>
RSVP to Judy.Murrah@ConnectToTech.org for directions to the classroom
- Dec 13** **Smithtown High School Annual International Business Career Day**
9 am -1 pm **Need volunteer professionals** to discuss career possibilities with students in the areas of
Breakfast and lunch provided international trade (import/export), government, and/or careers in which fluency in languages other than English is helpful and provides an edge in the competition for jobs. Students are interested in learning what careers are available, what they can do to prepare themselves for these careers, and whether your organization offers summer or college internships. Past presenters have Motorola, MTV, import/export firms, the courts, police department, U.S. Customs, Social Services, Armed Forces.
- If possible, we ask that presenters use brochures, pamphlets and any other information about their business or organization. Business and language students will proceed from table to table to gather information and interview representatives for 15-20 minutes. In turn, these students will present the information that they gather to their classes the following day.
- Please consider whether you or anyone in your organization would be willing to speak to our students. For more information, please contact:
Mary Pat Grafstein – mgrafstein@smithtown.k12.ny.us or 631-382-5210
- Feb 28** **ConnectToTech General Meeting, Location tbd, 4:00-6:00pm**
- Mar** **NYIT / ConnectToTech Showcase at NYIT**
Showcase student’s STEM-related projects completed during the school year at this event. Students will present their projects to business representatives for judging and cash awards.

- 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 a set of problems within a specified time period, and the winning team members each receive a cash prize.
 The competition is held on the college's Long Island campus. To obtain more information, including sample problems and instructions on how to enter a team or multiple teams in this year's competition, follow this link:
<http://www.sicny.edu/Academics/High-School-Programming-Competition/584/>
- Various** **Looking for mentors / job shadow / tours / internships**
- Girl Scouts of Suffolk County – **mentors** for FIRST Lego League Teams
 - SUNY College at Old Westbury – **businesses for field trip tours** for ~15 careers exploration class members. Class takes trips weekly from February through April. Contact Jerilyn Marinan, Director of Career Planning & Development marinanj@oldwestbury.edu or 516-876-3067

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

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