connect to tech

Calendar - May 18, 2014

UPCOMING and IN-PROCESS ACTIVITIES

May 22   **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://faculty.sjcny.edu/~ProgrammingCompetition/

Jun 8   **Nassau County Science Competition, 9:00am-2:00pm**
Old Bethpage Restoration Village
Nassau County high school and middle school students showcase the projects they have worked on this year and compete for various prizes and awards.

Ron had suggested I get in touch with Connect to Tech, as we are recruiting volunteering judges for the event. We require the judges to have at least a Bachelor's in a field of science, technology, engineering, mathematics or social science. The volunteer judges arrive at 9:00am for a brief orientation with refreshments. Provided with scoring forms and a list of assigned projects to visit and score. The judges spend the allotted time viewing the projects and returning completed forms to competition administrators. The judging duties will technically end at approximately 1:30pm and they then are invited to view the awards ceremony, which would wrap up around 2:00pm/2:30pm.

Jun 23-25   **Computational Thinking for High School and College Teachers – Free Workshop**
St. Joseph's College

Jul 7-18   **NYIT's Summer 2014 Technology & Engineering Experience program**
Manhattan   NYIT's Manhattan campus July 7 – 18; NYIT's Old Westbury Campus August 4 – 15. 10:00am – 3:45pm, Monday-Friday. The registration deadline is Friday, May 16.

Aug 4 – 15
Old Westbury   High school students have the opportunity to explore an exciting and challenging career path, all while earning two college credits toward an applicable NYIT major. This two-week career-discovery summer day camp experience is fun and informative and gives students valuable insight into what it's like to study engineering, technology, and/or computer science at the college level through a variety of guided, hands-on laboratory experiments and workshops in game development, hacking, robotics, and electronic music. Includes field trips to explore 21st-century technologies in the heart of New York City, guest speakers from the technology/engineering workplace, NYIT faculty mentors who can describe student life and academics at the SoECS, complimentary lunch, daily.
Learn more and register at: Summer 2014 Technology and Engineering Experience
Contact Kaitlyn Melexenis (516) 686-7985kmelexen@nyit.edu.

Aug 4-8   **We Connect The Dots "Creating STEAM" Conference**
At Levittown Wisdom Lane Middle School, 8am – 5pm
We Connect The Dots presents "CreatingSTEAM", an experiential learning conference for 13 – 18 year old students. During this five-day conference, students will gain experience in 21st century workforce skills and awareness of current and future STEAM career opportunities. Teachers and industry professionals design and deliver the event sessions, ensuring the most applicable information is presented to attendees. Competencies to be integrated into the conferencing experience include: Lifelong Learning, Problem Solving, Self-Management, Teamwork, Information Management, Media and Technology Skills, Life and Career Skills.
Sign up here: http://www.creatingsteam.org/conference

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