Best Buy hosted a Teen Tech Summit at The Tech Museum in San Jose where students from three MOUSE Squad sites met up for fun and learning. Geek Squad Agents were on hand led students in disassembling computers building an LED light, and constructing a mini roller coaster.

A MOUSE Squad student from Livingston Middle School in the Central Valley proclaimed, “I learned to wire a circuit, recycle a computer.” Coordinator, David Mires, commented that his students “were exposed to many technology skills that excited them for the future.”

MOUSE Squad students from St. Anthony’s in Oakland said their favorite activity was taking apart the computers and learning to dispose of the eWaste, while a student from Union Middle School in San Jose expressed, “the GEEK BUG was cool!”

SAP employee and MSCA Advisory Council member, Sandy Dosker, invited MOUSE Squad students to participate in a special event at SAP in Palo Alto to learn about its products and career opportunities.

Students from Belle Haven School in Menlo Park and Cesar Chavez/Green Oaks Academy in East Palo Alto toured the campus and learned which industries use SAP products. The MOUSE Squad students met with employees in a round robin fashion to explore the various jobs at SAP. The employees shared their school-to-career experiences and how they got to their current positions. Another activity allowed the students the opportunity to experience being part of a video conference.

When asked what they thought of the field trip, one student proclaimed, “It was so awesome!!”

Over 100 students from eight California MOUSE Squads participated in this year’s Comcast Youth Tech Summit and Expo highlighting Comcast’s Internet Essentials program. MOUSE Squads from East Palo Alto, Humboldt, Modesto, San Bruno, San Francisco, San Jose, and San Mateo joined experts to discuss key issues on Internet safety and the “digital divide.” Panelists discussed sharing ways to stop online bullying and programs like MOUSE Squad that improve tech and leadership skills.

A student from Ida Jew Academies in San Jose expressed, “I learned that cyber-bullying is very strong and can seriously hurt people and how they feel about themselves.”

Belle Haven and Cesar Chavez/Green Oaks Academy MOUSE Squad students taught other attendees about the components inside computers.
MOUSE Squad Provides the “T” in STEM

As the focus on STEM (Science, Technology, Engineering and Math) education grows nationally, an increasing number of California sites are incorporating the MOUSE Squad curriculum into their STEM initiatives.

MSCA has received a San Mateo County STEM Workforce Development Grant to fund MOUSE Squad Student Tech Leadership Programs in unincorporated San Mateo county. MSCA will provide STEM curriculum at Borel Middle School and Highlands Elementary School in the Highlands Recreation District, and La Honda-Pescadero Unified School District sites.

The California Alliance of African American Educators (CAAAE)’s Greene Scholars Program in San Jose is implementing MOUSE Squad for the 5th year. As part of their STEM enrichment, MOUSE Squad curriculum is provided to 3rd -12th graders this year. The STEM-focused collaboration between MSCA and CAAAЕ has expanded to include students at George Washington Carver Elementary School in San Francisco.

Christopher Leadership School, in the Oak Grove School District in San Jose, supports STEM through their MOUSE Squad of 7th and 8th graders that meet as a before-school club. The students provide a help desk supporting the many desktop and mobile computers throughout the school.

Young Oak Kim Academy in Los Angeles is a middle school with a focus on increasing student interest in STEM careers. MOUSE Squad has been an integral part of that focus for two years by providing valuable technical support to their school community. The principal says he doesn’t know how the school could begin to manage their hardware and software issues without their MOUSE Squad students’ technical knowledge and skills.

Spotlight: Volunteers of the Year

NAMIT JOSHI
Namit Joshi, a Cisco technology expert, has volunteered as a MOUSE Squad instructor for two years, at Sunnyvale Middle School and Dartmouth Middle School in San Jose. His enthusiasm for technology inspires and engages students through hands-on learning. Sunnyvale MS Literacy Teacher Linda Arms wrote, "Namit is an absolute asset."

HILARY NAYLOR
Hilary Naylor, a technology consultant, has been a MOUSE Squad supporter and advocate since 2006. For the past two years, she has been volunteering with MetWest High in Oakland. Edgar Nunez, MetWest MOUSE Squad Coordinator says, "Hilary’s expert knowledge and charisma make her an invaluable role model."

NICOLE SEBEK
Nicole Sebek, an IBM engineer, has volunteered with MOUSE Squad for three years, first at Dartmouth Middle School and now at Green Scholars Coordinator, Christina Thompson, expressed, "Nicole finds inventive ways to teach MOUSE Squad about technology, science and math. Her passion, dedication and rapport with students is amazing."

Where are they now?
Allison Barry is an alum of Leigh High MOUSE Squad in San Jose. For two summers, she interned in the IT Department at Xilinx, a MSCA. These experiences inspired Allison to pursue a National Center for Women & Information Technology (NCWIT) Aspirations In Computing Award, which she won! Her MOUSE Squad participation also increased her interest in attending Harvey Mudd College as an engineering major, a field she hopes will allow her ideas and innovations to improve the world.

Shauna C. Bellando, from Pittsburg High, now in her second year at Los Medanos College, continues to give back to the program that inspired her by volunteering as an assistant to Pittsburg High’s MOUSE Squad. Shauna reports that MOUSE Squad helped her discover a deeper interest in technology and a passion for helping others. Shauna says that MOUSE Squad inspired her desire to become a teacher and she hopes that one day she can bring MOUSE Squad to her own classroom.

Tyler Mark, a graduate of Aragon High’s MOUSE Squad in San Mateo, is currently employed with the San Mateo Union High School District as a Network Administrator’s Assistant and Technical Director for Aragon High School’s fall musical. Tyler says his involvement with MOUSE Squad helped him get where he is today by teaching him valuable troubleshooting and network management skills.

MSCA is a program of Aspiranet, a California nonprofit social services agency, providing family support, youth and after school programs. MSCA partners with MOUSE, a New York City-based nonprofit organization.