



Division of Instruction
Los Angeles Unified School District

San Fernando Science Technology Math (STM) Magnet Girls Invent Solar-Powered Tent for the Homeless.

Students from San Fernando STM Magnet engineered a solar backpack tent with durable materials that will endure the weather and provide safety, light and warmth for the homeless. The tent features a solar panel that can be affixed on the top of the tent. The solar panel provides electricity that can power light and even to charge mobile phones. This project is the brainchild of female students of the *DIY* ("Do-It-Yourself") Girls club that has been established at San Fernando High School. *DIY Girls'* mission is to increase girls' interest and success in technology, engineering and making through innovative educational experiences and mentor relationships. *DIY Girls* is a supportive community for girls driven by an interest in creating and building with technology. San Fernando STM Magnet *DIY Girls* also did an inspirational TEDx Talk, to watch click this [link](#).

The Division of Instruction is very proud of the girls of San Fernando STM Magnet for their innovative accomplishment in creating a housing solution for the homeless.

L.A. Unified Student Awarded Scholarship for Conference in Doha, Qatar

Gabriella Jarvie, a sophomore from Hamilton High, who enrolled in Arabic language program after having already developed proficiency in Spanish. Through the Arabic program at Hamilton, she was selected as a finalist for the Youth Allied to Learn, to Lead and Help (YALLAH) program. YALLAH trains, mentors, and empowers young change makers to do service projects aligned to the United Nations' Global Goals. Through that mentorship, Gabriella spearheaded a project called "Education Emotion Project" (EEP), which was created by students from US and Qatar to help raise awareness for Mental Health issues. The project supports the design of resources for students created by students to be utilized in school presentations. Gabriella was one of only five students selected to attend the Hague International Model United Nations Conference/Qatar Leadership Conference (QLC) from October 16 through October 20, 2018 held in Doha, Qatar.

You can see her project using this link:

<https://www.educationemotionproject.com>



Hamilton High School student Gabriella Jarvie



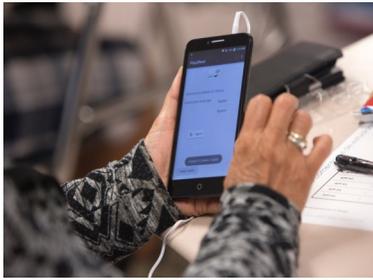
San Fernando STM Magnet students Cassandra and America talking about their innovative solar powered tent.



San Fernando STM Magnet *DIY Girls* with their solar powered tent (Photo courtesy of HuffPost)

Division of Adult and Career Education (DACE) Participated XPRIZE's Adult Literacy Apps Challenge

On November 5, 2018 XPRIZE announced via social media the conclusion of the Adult Literacy XPRIZE (ALXP)'s 15 month field test of its mobile apps challenge. XPRIZE recognized L.A. Unified's Division of Adult & Career Education, Dallas County Community College District and the Office of Adult Education for the City of Philadelphia for their expertise and assistance in this national endeavor.



XPRIZE's Senior Director for Learning and Human Potential Impact Architecture, has previously stated that LAUSD' Division of Adult & Career Education provided over 3000 ALXP participants and over 75% of the Spanish speaking participants nationwide.

DACE schools have enjoyed being a part of XPRIZE's groundbreaking project to address adult literacy. "When we utilize technology to deliver and provide access to engaging content – blended with high-quality instruction and other supports – we know that student persistence will increase and, in many cases, students will accelerate their progress in meeting language literacy goals," said Joseph Stark, executive director of the Division of Adult and Career Education. DACE students and teachers look forward to learning who has won the Adult Literacy XPRIZE!

AEMP's Fall Literacy Institute: Instructional Leadership Teams Analyzing Data to Create Successful Instructional Plays

The Academic English Mastery Program's Fall Literacy Institute took place on Saturday, November 3, 2018, at Taft Charter High School.

One hundred and fifty educators, comprising eighty instructional leadership teams from AEMP elementary, middle, and high schools met to analyze the results from their school's beginning of the year (BOY) administration of Language Assessment Scales (LAS) Links. Each team was provided with their students' Overall Proficiency Levels (1-5) in English and Proficiency Level by Skill Area—Language Domains (Speaking, Listening, Reading, Writing) reports. Leadership teams identified areas of students' strengths and areas of growth that will empower them to provide targeted instruction in all content areas.

After reflecting on instructional practices that impacted students' performance on the assessment, participants self-selected breakout sessions around each of the language domains assessed on LAS Links. During the workshops, educators worked to identify and unpack focus standards, determine learning progressions, and explore lessons that are culturally and linguistically responsive instructional strategies.

In addition, every participant received a copy of John Hattie's *The Teacher Clarity Playbook*. The ideas presented in the book will be used to support the professional learning communities at each school and to increase collective teacher efficacy; thereby, positively impacting student achievement.



AEMP teachers reviewed their Beginning of the Year (BOY) LAS Links reports during the Fall Institute.

Middle School and High School Science Department Chairs Review Next Generation Science Standards (NGSS) Modules

The Division of Instruction Secondary Science Leadership Team, under the guidance of the Secondary Science Coordinator, has developed six Next Generation Science Standards (NGSS) Modules for middle and high school science departments. The leadership team consists of teacher and administrator leaders from across the district.

The Division of Instruction collaborated with local districts to invite all middle and high school science department chairs to participate in NGSS training modules through the "Train the Trainer" model to support the full implementation of NGSS. The department chairs return to the school and share the modules with other science teachers at their site to continue the conversation around the implementation of NGSS. Local Districts are tailoring the delivery of the modules to meet the needs of their schools. The first training sessions took place in the month of October 2018.

One hundred seventy-one middle and high schools sent their department chairs to these meetings. A total of 258 school leaders, including 39 school administrators, were trained on these modules in October. The second sessions of training on other modules will take place in the Spring of 2019.



Science Department Chairs reviewing the new NGSS modules.