



S.T.E.A.M. NEWS

Quarter 3 | July-September | 2018

**Science • Technology • Engineering
Arts • Agriculture • Aerospace •
Aviation • Mathematics**

As our program grows, we hope to reach more and more students to bring awareness and education to them about the STEAM fields. Many students are unaware how fun and diverse the STEAM fields are, so our mission is to connect with as many students and families as possible. We hope to inspire every young mind we encounter to pursue a career in these fields. We believe in bringing STEAM to every student!

Summer Session

Greetings from the STEAM Team!

We had a sizzling hot summer filled with events, growth, and excitement! Even though school was out for the summer, we interacted with lots of students and had a great summer season!

First and foremost, we took the STEAM Mobile on a road trip to San Diego! We were excited to connect with our staff members down there, and we attended several awesome and impactful events. We look forward to bringing the STEAM Mobile to more events in the San Diego Area!

Another highlight of our summer was our various summer camps! We held several camps at different locations, and together we learned about subjects including solar energy, oceanography, and robotics/coding.

All in all, we had a great summer bringing students and families together, and look forward to future events. Be sure to contact us if you have an event you'd like us to visit, and thank you for your continued support!



Ignite, Excite, Build!
S.T.E.A.M. Classroom on Wheels





S.T.E.A.M Team Highlights

Through interactive displays and hand on workshops the STEAM Mobile inspires curiosity and instills a sense of accomplishment, as students take on the traditionally viewed as “harder” subjects in school with a fun twist.

Claremont Summer Day Camp – July 6, 2018.
Claremont, CA

We were feeling the burn as hosted several tech workshops at a Summer Day Camp during record high temperatures! Kids from 5-12 years learned about physics, coding, and 3D printing.

STEAM Mobile Summer Camp – July 9-13, 2018.
Pomona, CA

STEAM hosted a camp on Cal Poly Pomona’s campus. We did lots of fun activities – including having an Egg Drop Contest, and creating a solar oven. We also featured a guest speaker, Brian Monacelli from JPL, speak about laser technology and the Mars Rover. The last day of camp, we went on a field trip to Dana Point to learn about oceanography and marine biology.

NCRF/CSULB Summer Camp – July 9-13, 2018.
Long Beach, CA

NCRF partnered with Cal State Long Beach’s College of Engineering to host a Rocketry Camp. Our students learned how to build and launch an actual rocket, as well as how to work as a team!

Emigrants Summer Camp – July 16-17, 2018.
Los Angeles, CA

Cal Poly Pomona hosted the STEAM Mobile for two nights as part of the Emigrants Summer Camp. This event was very special to us as it allowed us to talk to many students that hadn’t heard much about the STEAM subjects before. We made so many great connections with students and exposed them to different career choices as well as different technologies

NCRF/ CPP Aerospace Engineering Summer Camp – July 23-27, 2018. *Pomona, CA*

STEAM partnered with Cal Poly Pomona to host nearly 50 students for a fun week of Aerospace, Creative Robotics/Coding, and touring the Cal Poly campus. Every day, students got a hands on coding experience, which culminated on Friday with students creating their own robotics project. We also toured several areas of the Cal Poly Campus, and enjoyed 2 meals each day in the dining hall. One of the highlights of the week was taking the students on a field trip to Columbia Memorial Space Center.

Drew Child Development Center Back to School Health and Resource Fair – August 4, 2018. *Los Angeles, CA*

The STEAM Mobile attended the Back to School Health and Resource fair along with several other organizations. We promoted STEAM to many at-risk students and their families.

Discovery of Learning Family Day – August 7, 2018.
Los Angeles, CA

The STEAM Team was invited to bring the STEAM Mobile to the Discovery of Learning Family Day. Though organization mostly caters to home-schooled students, our curriculums still brought fun and knowledge to the students and families that were there.

Passport to Life – August 10, 2018. *San Diego, CA*

Road Trip! We took the STEAM Mobile down to the San Diego area. This event’s purpose was to provide resources to young adults who are transitioning from a time on probation to a responsible adulthood. We had a lot of fun showing how fun STEAM is to the participants, and wishing them well for their future! We also had a great time connecting with our fantastic San Diego team.

Highlights Continued

Upcoming Events:

Health and Wellness Day/Feel Free 2 Feel Free: October 13, 2018

Long Beach Jordan High School: October 15-18, 2018

California Greenworks Festival: October 20, 2018

Almond Elementary Career Day: October 23, 2018



Health Fair Back to School Kickoff – August 11, 2018. San Diego, CA

STEAM was very excited to be a part of this Health Fair because we got to meet and connect with many under-served community members. Although the main focus of this event was bringing health awareness to those who came, STEAM was able to bring our activities and technology to people that had previously had very little exposure to STEAM subjects.

Discovery of Learning Family Day – August 14, 2018. Fullerton, CA

We had the opportunity to be a part of another Discovery of Learning Family Day, which we were very excited about. Connecting with this organization has allowed us to encompass students that learn through non-traditional education, including home-schooling. This event was another fun day of showcasing 3D printing, coding, and our STEAM Mobile to inquiring students of all ages.

LA County Fair – September 7-9, 2018. Pomona, CA

STEAM and NCRF partnered with CEEM, an organization that CEEM is about African American empowerment and coming together as a community. We connected with other black-on-black businesses, spoke with up and coming musicians, and presented STEAM to our local community. CEEM also gave us our own booth, where we showcased our 3D printer and amazing staff. Our 3D printed keychains were very popular!

Beckman Arts and Science Family Festival – September 15, 2018. Costa Mesa, CA

We brought our STEAM Mobile to Costa Mesa's Avenue of the Arts. For this event, we featured two new curriculums: slime and drumming! Since recipes on how to make slime are popular on social media, we delved into the science behind it to show how fun STEAM subjects are! We also held a drumming curriculum for the first time and it was a huge hit!

Discovery of Learning Family Day – September 29, 2018. Beaumont, CA

We held our third event with Discovery of Learning in Beaumont, CA. This particular event was a family fun day to engage parents of homeschooled children. In addition to our STEAM Mobile, there was also a bounce house, slime station, and a game center truck. Students came to the STEAM Mobile and learned about 3D Printing, aviation through RC Plane 3, and coding with Scratch. We've greatly enjoyed working with Discovery of Learning this summer!

OC Children's Book Festival – September 30, 2018. Costa Mesa, CA

STEAM had the privilege of being part of the OC Children's Book festival. The focus of this event was to increase awareness of STEAM as well as emphasize reading, which our team strongly believes in! Our 3D printed gadgets were a huge hit, especially our new 3D printed bookmarks we created just for this event. We also gave many children and their families a tour inside our STEAM Mobile. This event was tons of fun for the festival attendees as well as our team!

Our STEAM Expo is coming to Los Angeles Trade Tech College on October 25, 2018. See you there!

Website:
www.thecollegeexpo.org



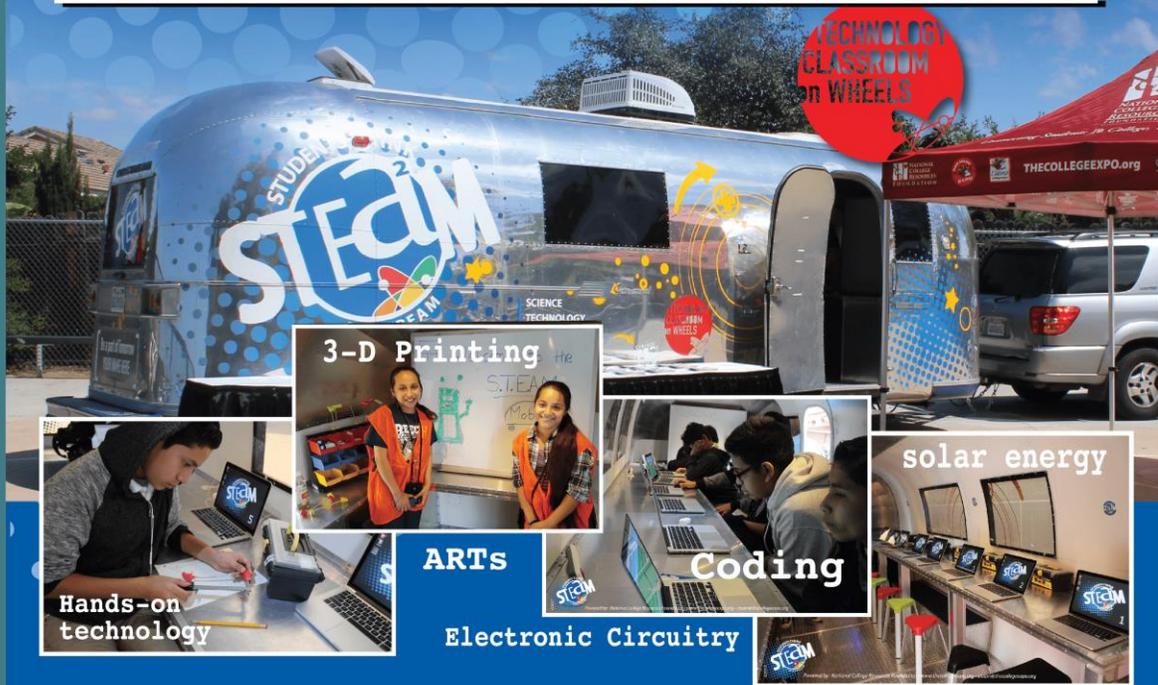
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LET'S WORK TOGETHER...



...And get more students excited about S.T.E.A.M. -Science, Technology, Engineering, w/ the Arts and Math. With "A" to the 4th power Agriculture, Aviation and Aerospace... creates the ultimate STEA⁴M solution for students to have more ACCESS to BOOMING Careers. Book your partnership today! ...We specialize in:

Curriculums for STEAM

- 3-5 day STEAM Activities/curriculums
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- STEM/STEAM Events
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in STEAM. **Fees apply to some programs.*

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