



Resources for high-quality, informal STEM programming | October 7, 2017



12 STEM Workshops to Choose From!

The upcoming **2017 School's Out, Make It Count Conference** on Saturday, October 28 at the Phoenix Convention Center will feature 46 workshops, including these 12 workshops focused on STEM:

- **Multiple Intelligences & STEAM** | *Gail Hutchison, Museum of Science & Industry, Chicago*
- **Reel Talk: Using STEM & Film to Foster Youth Voices** | *Gail Hutchison, Museum of Science & Industry, Chicago*
- **Get Kids Ex-SCI-ted for Science!**
| *Veronica Vasquez, Center for the Collaborative Classroom*
- **STEM on the Cheap 4.0** | *Arizona 4-H Youth Development*
- **Engaging Families through Maker Education** | *Matt Barinholtz, FutureMakers*
- **Inspiring, Encouraging & Empowering Underrepresented Youth in STEM** | *Michelle Taylor-Frazier, Multicultural Education Programs, Inc.*
- **Swish! NBA Math Hoops in OST** | *Nick Monzi, Learn Fresh Education Co.*
- **Testing the Waters: Engineering & Planetary Science in OST** | *Sean Ryan and Vanessa Fitz-Kesler, NAU Center for Science Teaching & Learning*
- **The Laws of Motion: Integrating STEM in Physical Activity** | *Jess Wadleigh, Skillastics*
- **3-2-1... Blast Off with Rocketry!** | *Jennifer Cheesman, Peoria USD & Jef Herold, Deer Valley USD*
- **Hands-On STEM Projects: Easy for Staff, Fun for Youth!** | *Jeff Salzman, Nature-Watch*
- **Experiencing STEM** | *Cyndee Zandes, Consult 4 Kids*



You don't want to miss this event. Sign up today!

Pro Sports Can Connect Kids to Afterschool STEAM Learning

Repost from Afterschool Snack

On its best days, informal and afterschool education is cool. It's different. It lights fires. For many kids, it's a window into new way of thinking about subjects they either don't know or think they don't like. Sports can be a powerful connector of kids to content-one on which the San Francisco 49ers capitalize, through the organization's education work in the Bay Area.



"Some kids think learning isn't cool," said George Garcia, lead STEAM instructor for Santa Clara Unified School District, "but you tie it into something they enjoy or see on TV and all of a sudden kids sit up straighter in the classroom and almost forget they're learning." Garcia and thousands of other educators-and the students they reach-are the beneficiaries of the 49ers STEAM Education Program, a field trip experience, which has provided free STEAM learning experiences for more than 150,000 K-8 students since its inception in 2014. Its goal is simple: inspiring learning and curiosity for STEAM using the game of football and Levi's® Stadium as the common denominator.

[Read more](#)

Spooky Science Projects

October is a special month for two reasons: 1) it's **AzCASE Conference** month, and 2) it's Halloween month! *Science Sparks* gathered Halloween science projects like, 'Creepy Density' and 'Eerie Sounds Device', to get kids in the spooky holiday spirit while learning valuable STEM concepts.

[Get started with Halloween Science!](#)



Arizona Center for Afterschool Excellence

azafterschool.org/STEM

