

Resources for high-quality, informal STEM programming | August 27, 2016



Apply STEM Learning to Real World Scenarios

Looking for an easy, inexpensive STEM experiment that will actively engage your afterschool participants in a real-life rescue operation? Look no further than **Zip It Up! Saved by the Shuttle**, a STEM workshop presented at the **2016 School's Out, Make It Count Conference** by AzCASE Board President, Kirk Astroth of Arizona 4-H. In this workshop, teams of 3 create an inexpensive transportation system to deliver critical medications from a mountain valley in Nepal to a mountain top village where people are battling disease, lack of shelter, food shortages and extreme weather following the earthquakes of April 2015. Using only common materials like string, drinking straws, paper, balloons and craft sticks, teams are challenged to deliver serum to a place where there are no roads or access. This hands-on workshop demonstrates how to apply real-world scenarios to teach youth important STEM concepts.

[Learn more & register for the Conference](#)



STEM Workshop Track Sponsor



Win a 3D Printer & Printing Workshop!

During the National Week of Making, the Digital Harbor Foundation announced the Innovation Access Program and is providing a free 3D Printer and 3D Printing workshop to an educator from each state. They will be accepting applications from interested educators throughout the summer.

[Learn more & apply](#)



Webinar: Developing High-Quality STEM Experiences at Every Age

How do you create meaningful STEM experiences for students from elementary to middle to high school? How do you know what STEM topics and skills are developmentally appropriate? In the upcoming Afterschool Alliance webinar on September 1 @ 11 AM PDT, hear from two STEM education experts and from two afterschool practitioners, the California Tinkering Afterschool Network and a statewide professional development provider, on how they differentiate instruction and staff training across the K-12 grade span.

[**Learn more & register**](#)



Arizona Center for Afterschool Excellence

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