



Resources for high-quality, informal STEM programming | July 14, 2018



Present a STEM Workshop at the 2018 Conference!

AzCASE is looking for dynamic presenters to facilitate STEM workshops at the 2018 School's Out, Make It Count Conference on Saturday, October 20 at the Phoenix Convention Center. Topics may include:

- · Science Program Activities
- Technology/Digital Program Activities
- Engineering Program Activities
- · Math Program Activities
- · Careers in STEM



Share your STEM presentation with providers serving K-12 youth in Arizona out-of-school time programs!

Submit your proposal

Learning Physics Through Skateboarding

Skate veteran and educator Bill Robertson, also known as "Dr. Skateboard," teaches youth who might have otherwise fallen through the cracks about speed, velocity, and momentum through skateboarding. This video demonstrates how educators can make subjects like science real and relatable.





Environmental Education

From Afterschool Snack

Blindfolded and uneasy, a group of fifth graders entered the depths of the Spider Cave in Yosemite. Each kid walked with a degree of uncertainty, guiding each other hand to shoulder. One confident young boy named Henry decided to help his frightened peers. "It's okay, I'm right here," he said reassuringly. "We're almost through." Known for behavior issues, learning challenges, and an



isolated nature, Henry awed his chaperone with his willingness to support his peers. Throughout the trip, Henry held branches back for his classmates as they hiked through the park, looked out for others, and became the honorary 'Mother Hen' of his class. Through NatureBridge, Henry experienced new challenges outside the social norms of a traditional classroom. The rules in nature were different, and Henry discovered a place where he could thrive.

Read more

Arizona Center for Afterschool Excellence

azafterschool.org/STEM





