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STEM Workshop @ 2015 Conference

EYES IN THE SKY: HIGH ALTITUDE BALLOONING

Join us for **Eyes in the Sky: High Altitude Ballooning**, and explore an exciting STEM project that takes youth on a journey into the stratosphere, connecting math and science concepts to a real-world experience that they will never forget. Presented by Kaci Heins at the [2015 School's Out, Make It Count, Arizona Statewide Out-of-School Time Conference](#) on



Saturday, October 24 at the Phoenix Convention Center, this workshop is part of a track of workshops specifically dedicated to the infusion of STEM learning in out-of-school time programs. Heins, a 6th grade teacher at Northland Preparatory Academy, was awarded the titles of Air Force Associated National Aerospace Teacher of the Year and NASA Explorer School Teacher, and she brings this expertise to this innovative professional development opportunity.

[LEARN MORE & REGISTER](#)

Exploratorium Afterschool Activities

FEATURED ACTIVITY: ICE BALLOONS

Speaking of balloons, the

Exploratorium Museum

in San Francisco has a special section of their website devoted to demonstrations of STEM activities for afterschool programs, and one of our favorites is this [Ice Balloons](#) activity. "Learners explore globes of frozen water and learn how to ask and then answer 'investigable' questions." These online activities are complete with instructional videos, downloadable instructions, concept maps, and ideas to expand for further learning.



VISIT EXPLORATORIUM

4-H Curriculum

BRING THE 4 H'S INTO YOUR PROGRAM

4-H is a global network of youth development programs and, with more than 185,000 youth served, it is the largest provider of out-of-school time opportunities in Arizona. You don't have to be a 4-H program to embed their enrichment activities into your out-of-school time program. 4-H curricula focuses on agriculture, STEM and citizenship, and this easily implementable curricula is available at low or no cost through their [online Mall](#) to all programs. From a [unit on Entomology](#), to a [unit on Food Science](#), these activities run the gamut of informal STEM learning.

[Research shows](#), youth participating in 4-H programs excel beyond their peers. Head to the [4-H Mall](#) to browse through all of the available curricula to aid you in bringing some of the 4 H's -- Head, Heart, Hands and Health -- into your program.



VISIT THE 4-H MALL

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