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2015 AzCASE STEM Grants

ANNOUNCING THE 2015 STEM GRANT RECIPIENTS

AzCASE and [Cox Communications](#) are proud to announce the recipients of the **2015 STEM Grants** for out-of-school time programs. Now in their fifth grant cycle, the STEM Grants are designed to encourage and promote the inclusion of informal STEM learning opportunities in out-of-school programs of all kinds. Grants ranged from \$500 to \$1500. From marine biology, to robotics, to rainwater harvesting, these STEM programs will help prepare youth with valuable skills to prepare them for success in college, career and life.

The 2015 STEM Grant Recipients are:

Alchesay High School, Robotics Discovery Camp Whiteriver, AZ	Mountain Sky Junior High, Marine Science Club Phoenix, AZ	Rogers Ranch Elementary, MESA Engineering Club Laveen, AZ
Girl Scouts-Arizona Cactus-Pine Council, Robotics Program Phoenix, AZ	New Pathways for Youth, Afterschool STEM Phoenix, AZ	Trailside Point School, Afterschool STEM Club Laveen, AZ
HeatSync Labs, Young Makers Program Phoenix, AZ	Paradise Valley High School, FIRST Robotics Club Phoenix, AZ	Westwood High School, Westwood Robotics Mesa, AZ
Kyrene Middle School, After Hours Program Tempe, AZ	Phoenix Public Library, Hacker Haven Phoenix, AZ	Wickenburg High School, Jump Start Summer Program Wickenburg, AZ
Mesa Public Schools,	Presidio School, Creative Gardening & Water	

STEMer Camp
Mesa, AZ

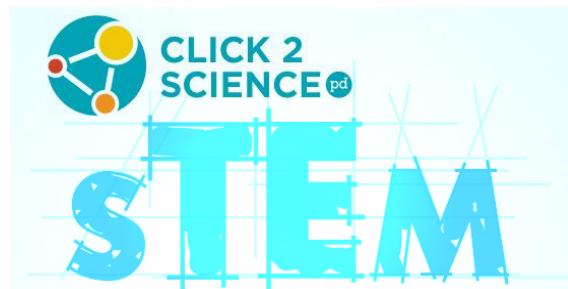
Harvesting
Tucson, AZ



READ MORE ABOUT THE GRANTEES

STEM Workshop @ 2015 Conference STEM ACTIVITIES THAT ENCOURAGE COLLABORATION

Want to incorporate collaborative STEM activities into your out-of-school time program but don't know where to start? Join us for **Achieving High Quality OST through STEM**, a workshop presented by Saundra Frerichs and Desirae TePoel of Click2Science at the **2015 School's Out, Make It Count, Arizona Statewide Out-of-School Time Conference**, Saturday, October 24 at the Phoenix Convention Center. This workshop will focus on how collaborative STEM activities promote positive relationships among youth and between youth and staff. Learn to use resources from Click2SciencePD.org to support staff in facilitating high-quality, hands-on STEM activities that encourage youth to work together. Don't miss this STEM professional development opportunity!



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National Geographic Education

FEATURED ACTIVITY: SIMPLE MACHINE CHALLENGE

The [National Geographic Education website](#) features a comprehensive collection of activities and online resources to engage youth in STEM. The [Simple Machine Challenge](#) is one such activity. Geared toward youth in elementary and middle school, this project challenges youth to use everyday objects to create simple machines that complete specific tasks. This is a fantastic exploration of the physics of levers, pulleys, wheels and axels that encourages youth to get creative as they design their own robots.



[VIEW THIS ACTIVITY](#)

Celebrate Arizona: Desert Adventures

EXPLORE THE SONORAN DESERT UP CLOSE

Arizona Science Center developed the [Celebrate Arizona: Desert Adventures](#) curriculum to engage youth in activities that develop their scientific observation skills and encourage them to view the Sonoran Desert up-close and through many perspectives. Through these activities, youth learn about the interconnections that sustain a habitat for both people and animals. Youth explore the diversity of plant life, the water cycle and water usage as well as birds, animals and solar energy. They will also learn how to conduct a field study to further develop valuable observation skills while collecting, comparing and discussing data.



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