



2017 STEM Grantee Spotlight: The Moxie Girls

With funding from a 2017 STEM Grant, The Moxie Girls program at Sierra Verde STEM Academy in Gelndale is now able to include podcasting and video production using podcast equipment, a green screen, a GoPro, and video editing programs. The girls are responsible for creating bi-weekly podcasts and videos about various computer science or STEM-related topics including their first hand testimonials on working with different computer programs and products, participating in different competitions, and their own perspectives as they boldly navigate through a field that is primarily dominated by males.



[Learn more about the 2017 STEM Grantees](#)

What K-12 Science Classes Can Learn From Afterschool STEM Programs

Repost from [trustedED](#)

STEM has become a popular acronym in education circles in recent years-for good reason. According to last year's U.S. News/Raytheon STEM Index, the number of American STEM jobs increased by 28 percent between 2000 and 2015, compared with a 6 percent increase in jobs in other economic sectors. These numbers should come as no surprise when we consider the explosion of science and technology in recent years. Yet, despite rapid growth and career demand, many school districts still struggle to provide students with quality STEM learning opportunities. According to a recent video report from Education Week and the PBS Newshour, a little more than half of fourth-grade students have access to hands-on science activities once a week in school. And, though most eighth-graders have access to science lab programs, less than half of those labs are properly supplied. To spark students' interest in science and technology, some school districts have turned to afterschool programs focused on STEM. Now,

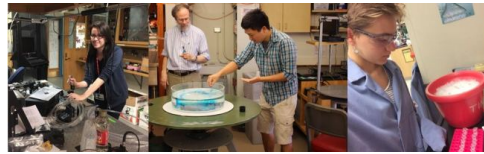


some suggest the success of these programs could be instructive when making changes to in-school STEM programs.

[Read more](#)

STEM Program for 11th Graders

The Center for Excellence in Education (CEE) and Massachusetts Institute of Technology (MIT) co-sponsor the Research Science Institute (RSI), a six-week program that nurtures high school scholars to careers of excellence and leadership in STEM. CEE seeks talented 11th (or the equivalent) Grade STEM Students who have a desire to complete an unforgettable research program through the RSI program. The 2018 RSI program will be held on the MIT campus June 24 to August 4, 2018. The program is cost free to students except for travel to and from MIT. If you are a high school junior or equivalent and interested in this program, visit the CEE website (www.cee.org). Registration deadline is January 12, 2018.



[Learn more & apply](#)

Arizona Center for Afterschool Excellence

azafterschool.org/STEM

