Resources for high-quality, informal STEM programming | August 25, 2018
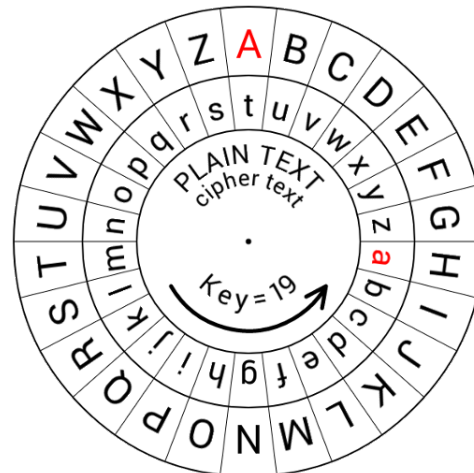

Conference Workshop: Decoding STEM

The 2018 School's Out, Make It Count Conference on Saturday, October 20 will feature a track of workshops devoted to STEM.

One such workshop is "Decoding STEM", presented by Cori Araza and Marni Landry of Grand Canyon University. By incorporating cryptography and the Caesar Cipher wheel, workshop attendees will learn how computer science strategies can support the development of math skills while solving a mystery. Decode the characteristics of quality, integrated STEM instruction in a hands-on approach.

You don't want to miss this and over 40 more educational workshops at the upcoming conference!

Learn more & register for the Conference

Lights On Afterschool STEM: October 25, 2018

Celebrate afterschool STEM programs as part of the 19th annual Lights On Afterschool (LOA) on October 25, 2018! LOA is the only nationwide event celebrating afterschool programs and their important role in the lives of children, families and communities. Let's shine a light on the incredible out-of-school time STEM programs across Arizona! Head to the **Lights On Afterschool website** to check out innovative event ideas, download LOA graphics, and register to participate.

Learn more & register your LOA event here

Science Center Brings STEM Instruction to Rural Arizona Afterschool Clubs
From Youth Today

A science center in Phoenix is bringing training to educators and afterschool clubs in rural areas of the state in an effort to make good STEM instruction equally available in those areas. The **Arizona Science Center**'s **Rural Communities Expansion Project** will reach 15 mostly rural school districts this year. "There's lots of talk about the need for a more high-tech workforce," said Rob Robertson, senior vice president of learning partnerships for the science center. Students need to know how to problem solve, he said. And while K-8 schools customarily teach science and math, they aren't strong in teaching about technology and engineering. The center emphasizes project-based learning and integration of STEM into other subjects.

Read more

Arizona Center for Afterschool Excellence

azafterschool.org/STEM