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## STEM Workshop @ 2015 Conference COLLABORATIVE PROJECTS USING RUBIK'S CUBES

**Collaborative Cubing** is part of the STEM workshop track 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. Presented by Diana Gettman Flores, this hands-on, interactive workshop will integrate 21st century skills through the exploration of the Rubik's Cube. As they twist and turn the parts of these learning tools, youth develop critical thinking, problem solving, and visualization skills. Participants will learn to solve the Rubik's Cube and how to use this simple tool in a variety of ways, including collaborative projects such as team competitions and mosaic building.



[VIDEO] Abraham Lincoln Rubik's Cube Mosaic



LEARN MORE & REGISTER

## Robotics Workshops for All Ages

### FEATURED OPPORTUNITY: UPCOMING VEX EVENTS

Willis Junior High will host a free [VEX Robotics Competition \(VRC\)](#) and [VEX IQ](#) workshops and scrimmages for adults and youth this September. Register for these hands-on opportunities to learn about and interact with the new VEX robot games. Event details and registration links are

as follows:

- **Sat, Sept. 12** - Willis: VEX IQ (Elementary/Middle School) Season Kickoff Workshop and Scrimmage: [Register](#)
- **Sat, Sept. 12** - Willis: VEX Robotics Competition (VRC - Middle/High School) Season Kickoff Workshop & Scrimmage: [Register](#)



The following free Professional Development Workshops (6 credit hours) will also be offered at University of Advancing Technology, Tempe on September 19:

- **Sat, Sept. 19** - UAT, Tempe : VEX IQ Introductory Professional Development Workshop: [Register](#)
- **Sat, Sept. 19** - UAT, Tempe: VEX Robotics Competition (VRC) Introductory Professional Development Workshop: [Register](#)

For more information, [contact Patty Smith](#), VEX IQ Program Coordinator.

[VIEW THE VEX CALENDAR](#)

## Cox7 STEM Journals

### EDUCATIONAL VIDEOS INVESTIGATE STEM TOPICS

**STEM Journals** is a smart, fast-paced, educational series on Cox7 that explores STEM topics and careers. The STEM Journals website includes video clips from the series and links to a multitude of STEM resources throughout Arizona. In [this video clip](#), Dr. Chad Johnson, from ASU West, talks to STEM Journals' host Brad Piccirillo about the fatal attraction between male and female black widow spiders. Students from middle and high school, enrolled the Gary K. Herberger Young Scholars Academy, work in the lab with Dr. Johnson, getting hands-on biology experience in a real world setting. Take a look at all STEM Journals has to offer on their [website here](#).



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