



2017 STEM Grantee Spotlight: Tolleson Union-University High School RoboKrew

With funding from a 2017 STEM Grant, Tolleson Union-University High School RoboKrew designed and constructed an Outdoor Exploration Robot. Youth hand-drew a variety of possible robot designs and calculated the logistics of their ideas, such as maximum measurements for mobility and efficient transportation. They then worked together on a construction plan, building a circuit board and wiring the robot. In addition to the engineering opportunities offered through this project, youth participated in the business and writing side of RoboKrew. They learned to document meetings, interview members, and use their own strengths to assist the club as a whole. RoboKrew hopes to raise awareness and participation in STEM related fields and plans to use the robot in community events to inspire community members to look into STEM.



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

[LISTEN] Enrollment In Technical Education Courses Doubles At Arizona Public Schools

A recent KJZZ interview follows the spike in youth interest in technical education in Arizona as well as the increase in employer demand for graduates with these skills.

[Listen here](#)



Annual Connect2STEM Event!

The University of Arizona, in partnership with Cox Communications, presents Connect2STEM - a family friendly event, which celebrates Science, Technology, Engineering, Math and Medicine. The event is officially the largest STEM-related event held in Phoenix for the third year in a row. Through this event, youth of all ages are able to experience the wonders of STEM hands-on, encouraging them to one day pursue a degree or occupation in one of the related fields. Come out and encourage the youth and families you serve to join the fun on Saturday, January 27, 2018 from 10:00 a.m. - 3:00 p.m. at the University of Arizona College of Medicine - Phoenix, 550 E. Van Buren St.



[Learn more](#)

Arizona Center for Afterschool Excellence

azafterschool.org/STEM

