

ST1.10 Community engaged in STEM

- Preschool - Families of preschool students support the STEM program by attending STEM Day, presenting to preschool students at STEM career day, donating materials to the classroom and supporting their child's interest in STEM activities.
- Kindergarten- We host a 'Build with Dad/Grandpa' STEM night each year. We have a community partnership with Lowes. They donated the building kits/tools. We host a 'Zoo Revue Family Night' displaying our animal research dioramas. The families rotate through hands-on STEM based activities as well.
- First Grade: Parents help donate supplies for STEM days and our STEM boxes.
- Second Grade: Parents support STEM by donating supplies for activities. All Canyon Springs students received solar glasses through Go Fund Me for viewing the eclipse. Students participate by sharing STEM activities on Canyon Springs annual STEM night where family and community members attend. Parents and community members share with students on Canyon Springs annual STEM career day.
- Third Grade: Community partners actively support and are engaged with teachers and students in the STEM program through events such as STEM Career Day and STEM Night. The school STEM professionals from the community to come and share information about their career with students. On STEM Night we partner with businesses and community organizations. STEM Night is well attended by our students and their families.
- Fourth Grade: Community partners and businesses are represented at our annual STEM Night, and career day.
- Fifth Grade: 5th grade has encouraged community involvement through the many visitors that come to our campus. Sylvan Engineering and STEM programs have taught our students about Coding in today's world and through real-life programming simulations. They have visited our school many times and in a variety of grade levels. Another opportunity to partner was with the Maricopa Storm water Pollution Prevention program which explained to our students the importance of keeping our environment clean and the hazards of pollution. Our students experimented with creating a natural environment and how pollution can essential destroy every living thing within an area. Students were able to problem solve, think analytically and explain their reasoning in order to correct the problem. By providing this opportunity, student were able to connect the classroom to the real-world. During our annual STEM Career Day, 5th grade has also hosted additional speakers to give our students a varied of exposure to different STEM related careers.
- Sixth Grade: All students have the opportunity to participate in Camp Surf and their families are able to participate as well. Sonic provides fund raising cards to offset the costs to the students participating in Camp Surf.
- Seventh Grade - Our school offers STEM Career day where community/business partners share information about their STEM Career. Canyon Springs STEM Academy as a whole collaborates with community members from around the state to create a STEM-focused family fun night yearly. This allows community members to educate both parents and students in STEM related jobs and activities. Canyon Springs STEM Academy also participates in a Career day where community members in STEM careers come and speak to the students, allowing them to see how STEM is used in real-world jobs.
- Eighth Grade--Student invitation opportunities to join National Junior Honors Society. Career Day gives students the opportunity to hear community members speak about careers in STEM fields. Canyon Springs is currently partnered with NAU to educate and promote STEM instruction and learning within our school. The partnership includes professional development and instruction to further teacher understanding of quality and rigorous STEM days and curriculum at the school.
- Special Areas: Cooperation with Maricopa County Sheriff's Department, Daisy Mountain Fire Department, Home Depot, Arizona Science Center, and Star Gazers actively support our STEM Career Day and STEM Night. Band and Music cooperate with Music and Arts, Milano Music, and Rhapsody School of Music.
- Ren 6/7/8: 8th partners with ASU Barrett Honors College for post-secondary opportunities and fields of study. Parents are actively involved in STEM Career Day and STEM Night by speaking about and demonstrating the STEM aspects in their careers. Parent involvement for STEM Career Day, Fall Festival, and STEM Night.