



We at Carollo are passionate about teaching young people that science and technology is in everything we do, every day.

We advocate for investing time and resources in STEAM education as one of the most effective ways to build a secure socio-economic environment for everyone.

We feel that it is everyone's job—not just teachers—to spark a sustained level of excitement for science and engineering in the minds of young people.

We subscribe to the principles of selflessly giving back to youth as a way to ensure our community's growth potential and quality of life.

We lead by example in developing partnerships and initiatives that will advance this cause and compel our youth to become engaged in their communities.



# Southwest Dedicated to Enriching **STEAM** Education



# City of Rio Rancho, NM - Children's Water Festival

For several years, Carollo has participated in water-related educational events including this annual Children's Water Festival event hosted by the City of Rio Rancho. Each year, nearly 1,500 fourth graders from local elementary schools learn about different water-related topics including management, conservation, the water cycle, treatment, etc. Carollo supports this educational outreach with a water treatment filtration project to demonstrate how filtration and coagulation work.



# Southern Arizona Construction Career Day

Carollo's Tucson office supports this two-day event targeting middle and high school students in an effort to increase their awareness of career opportunities in the engineering and construction industries. This two-day event attracts nearly 4,000 students each year.



# Tour of Deer Valley Water Treatment Plant - May 2022

Carly Akine and Rob Buss coordinated a tour of the City of Phoenix 100-mgd WTP for 11 freshmen and sophmores and four teachers from the Copper State Academy. With drought and water shortage in the local news, these students and teachers wanted to learn first hand how the City receives, treats and distributes surface water from the Salt River Project system. The tour was hosted by plant staff, and went through each major process unit, from the bar screen through solids handling.

# City of Apache Junction, AZ - Water Festival 2022

Blake Abts and Rob Buss taught over 400 fourth-grade students all about Water Conservation, and Groundwater during this half-day event. Students rotated through four 30-minute teaching modules. Volunteers from Arizona Water Company and the City of Apache Junction participated, culminating in a water "rainfall" courtesy of the Fire Department!



# Las Vegas, NV - Pine Crest Academy Near to Peer

Carollo's Las Vegas office participated in the Pinecrest Academy Career Fair. Over 250 students from Grades 6 to 12 participated in the event where Carollo Engineers representatives fielded the students' questions regarding the kinds of engineering fields that Carollo employs, what classes are needed to become an engineer, the work life of engineers, salary and job prospects, and what kinds of projects engineers work on. Carollo also had a set of engineering plans for students to peruse as well as a monitor with a PowerPoint presentation that showed pictures of past Carollo projects.



# City of Henderson, NV - Water Reclamation Field Trip

Carollo coordinated a field trip for seventh and eighth grade students from Lied STEM Academy. The students toured the Kurt R. Segler Water Reclamation Facility in Henderson, NV. They went through every step of the water treatment process and were presented information at every stop by the facility technicians who acted as their tour guides. The students were taken through the pretreatment areas, clarifiers, and the activated sludge areas of the facility to see the process of treating wastewater in action. The program ended at the visitor's center where students received a Near to Peer presentation on the engineering field by Carollo Engineers. They spoke to the students about their education, how they decided to become an engineer, and their current work as an engineer.





# City of Reno, NV - Family Science Night

The Family Science Night program is a fun, interactive, and educational evening for families that is designed to increase the visibility of science in everyday life. Local organizations volunteer to run science-based activities that promote confidence in children regarding scientific thinking and problem solving.

The Reno Carollo office connected with families of **Truckee Elementary and Tahoe Lake Elementary** through a hands-on water filter building activity. Children were encouraged to select their own materials to design the optimal water filter.



*Tahoe Lake Elementary School.*



*Truckee Elementary School.*



## LOOKING FORWARD WITH CAROLLO CARES

Water is our most valuable resource—it sustains life, maintains healthy ecosystems, and supports thriving communities. Carollo is committed to continued involvement in STEAM and the education of our local youth about the importance of clean water systems and their impact on the environment.

In the future, Carollo will continue to explore opportunities where we can inspire our youth and add value in our communities.



Carollo Cares is part of Carollo's corporate commitment to giving back to the areas we serve. Through this program, we can be responsive to each community's unique needs, benefit our employees, and provide educational opportunities that align with our mission of Working Wonders with Water®!



VISIT US AT:

[carollo.com/community/carollo-cares](https://carollo.com/community/carollo-cares)