



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.

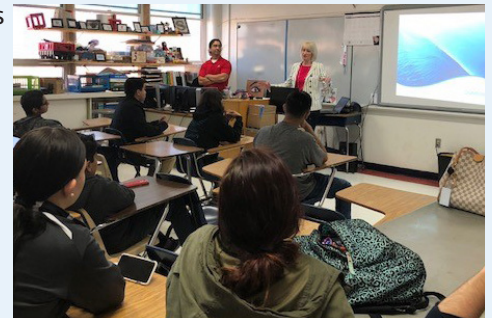
We lead by example in developing partnerships and initiatives that will advance this cause and compel our youth to become engaged in their communities.

The Carollo Cares Program is our commitment to helping our clients and communities educate students and young people about water-related issues, with the hope of encouraging future generations to implement solutions that strengthen the resiliency of our environment and water supplies.

BEL AIR HIGH SCHOOL STEM ADVISORY BOARD AND GUEST TEACHING

The Bel Air STEM Advisory Board is comprised of local community members in the STEM fields. The board convenes quarterly to meet with educators, review STEM curriculum, review admissions procedures and provide feedback and guidance from the perspective of local working professionals in the STEM fields.

Through our work on the Advisory Board we have been able to develop a collaborative relationship with several of the STEM teachers and provide feedback on their course curriculum. Carollo's Sanaan Villalobos is the Chair of the STEM Advisory Board. Carollo representatives were able to act as guest presenters for the Spring 2018 Civil Engineering course and present elements of water engineering from a real-world perspective.



PRESENTATION TO YAF (YOUNG ACHIEVERS FORUM)

The Young Achievers Forum is a result of a partnership between the University of Texas at El Paso (UTEP), New Mexico State University (NMSU), and Community en Acción (CEA), a local civic organization of leaders dedicated to instilling pride in the El Paso community. The annual event brings together over 1,000 middle school students from all across the greater El Paso and southern New Mexico areas to provide first-hand exposure to a college campus. Students are inspired to expand their horizons by exploring a future career and gaining a new educational perspective from a broad range of STEM speakers. Parents also receive information on what they can do to prepare their children for higher education. Carollo supports the YAF by participating as speakers and sharing our experiences and life histories that lead to our pursuit of careers in civil engineering. Our speakers presented in both English and Spanish to reach every student in the diverse group.

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DISCOVERE AND THE WATER FESTIVAL



DiscoverE and the Water Festival are both annual events held by El Paso Water that aim to help students get excited about science and engineering through educational booths that include demonstrations, handouts, and other fun giveaways. For these events, Carollo runs a booth that engages the students with a working groundwater model and a water cycle model. The groundwater model allows students to see through a representation of the earth and realize how

water flows underground just as it flows above the ground. The children are able to inject colored dyes representing contaminants in the "lakes" and "rivers" and see how these pollutants can easily travel underground and contaminate their drinking water source. The water cycle model allows the students to see how water evaporates, forms precipitation, and falls to the earth, and how it travels in streams and rivers to the ocean.



SPECIAL OLYMPICS

Carollo supports El Paso Special Olympics. This event provides a variety of Olympic-type sports for local children and adults with intellectual disabilities.

SCIENCE FAIR BLAST OFF

Carollo staff participates in EPWater's Science Fair Blast Off. This event is held annually for all local children as well as parents. The objective of the event is to provide a one-stop shop atmosphere for students who need ideas to complete a science fair project in schools, as well as to provide families with information to empower their students.



Our staff handed out Carollo bags and other fun giveaways. We also provided children with several handouts that gave science fair project ideas, science websites, and, of course, the Carollo Water Cycle poster.

We demonstrated our groundwater model and our water evaporation with an evaporation model, which ties in with the Carollo Water Cycle poster. Engineers showed how water evaporates, forms precipitation, and falls to the earth using the model, a lamp, and ice.

PARTICIPATION IN LOCAL SCIENCE FAIRS

Carollo staff participates annually in local science fairs by acting as judges for area elementary and middle school students. Our local staff continually volunteers to assist schools with judging as well as other district held events. We work with the educators to not only judge projects, but to interact with the children and help them with presenting and further expanding their knowledge on projects.



***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®!*