



Dedicated to enriching STEAM education in DALLAS

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.

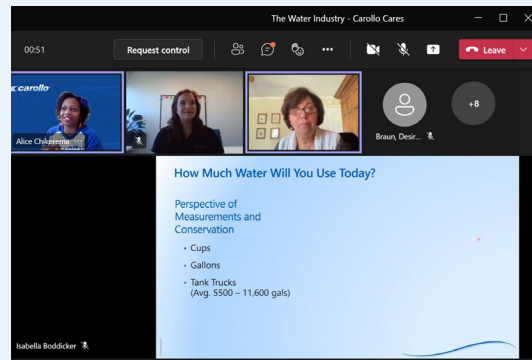
We lead by example in developing partnerships and initiatives that will advance this cause and compel our youth to become engaged in their communities.

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.

NAF ACADEMIES



National Academy Foundation (NAF) is a national network that has developed a STEM infused industry-specific curriculum and work-based learning experiences, including internships. NAF's goal is to help provide equal opportunity for successful futures to students of all demographics. NAF has partnered with Dallas Independent School District (DISD) and made this learning environment available at 20 DISD high schools, 16 of which include pathways for engineering. Carollo Engineers is continuing its partnership with NAF Academies. Eight



Alice Chikerema and Isabella Boddicker present to North Dallas High School students on The Water Industry via teams.

engineers from Carollo's Dallas Office presented virtually to seven of the sixteen NAF engineering/DISD high schools including Bryan Adams, Emmett Conrad, Hillcrest, North Dallas, Skyline, South Oak Cliff, and W.T. White High school. The two-day virtual event was a huge success and allowed Dallas engineers to engage with over 280 students!

NEAR TO PEER TOUR

Carollo's partnership with NAF continues to allow students the opportunity to tour wastewater and water treatment plant sites. Seventy students joined Carollo Engineers and Dallas Water Utility (DWU) for a tour of Bachman Water Treatment Plant (WTP) and Central Wastewater Treatment Plant (WWTP). Carollo utilized the site visit for a near to peer presentation including a water/wastewater process overview and a discussion about operator and engineer careers.



DISD students on site at Central WWTP in Dallas, Texas.



NAF ACADEMY INTERNSHIP DAY

Carollo staff participated as a career presenter at NAF Academy Internship Day, a career pathway opportunity NAF provides to DISD students to allow them to apply classroom skills and learn more about what it takes to succeed.

*Sam Barraco and Tatiana Tofoya
at NAF Academy Internship Day.*



*DISD students on site at Bachman WTP in Dallas, Texas.
(above and below)*

SUMMER INTERNSHIPS

In previous summers, Carollo Engineers selected two DISD students to work for Carollo on the DWU Master Plan. This opportunity provided them great exposure to working in the water industry. It allowed the students to interact with working professionals and learn about the many methods of treating water/wastewater. They were introduced to and practiced utilizing engineering design tools such as Bluebeam Revu® and SketchUp. The students made their way to pump stations throughout the Dallas area to see how design comes to life, how it is managed after being constructed, and what can be learned to improve future designs.



Carollo's Dallas Office Interns.



DALLAS ARBORETUM WATER CYCLE ACTIVITY

Carollo's Dallas Office hosted a booth at the Dallas Arboretum for kids of all ages. Carollo's booth encompassed water topics including the water cycle and the value of water. These topics were explained using a sticker activity that allowed kids to test their knowledge and learn how we treat our water and where it comes from.



*Chris Thompson and Jamie Sims
volunteering at the Dallas Arboretum.*

FUTURE OUTREACH

- » **Engineering Design and Development (EDD) Project Mentorship with North Dallas Academy of Engineering** – Carollo Engineers will partner with North Dallas Academy of Engineering to mentor students through their Engineering Design and Development (capstone) project.
- » **Dallas Arboretum Women in STEM event** – Carollo staff will assist with a Women in STEM event for kids in the Dallas area in July 2022 in partnership with the Dallas Arboretum.

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

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