# TRANSFORMATION OUTREACH CENTER



## **ABOUT US**

The mission of the Transformation
Outreach Community Development
Corporation (TOCDC) is to holistically
transform the lives of the entire family for
the betterment of the community and the
advancement of the Gospel. Our approach
is to Engage, Equip, Empower and
Encourage youth and families at every
level - social, spiritual, mental, financial
and physical.

Transformation Outreach was launched in 2008 as a community outreach ministry of Higher Expectations Church with the vision of restoring hope to youth and families in Northeast Harris County. After many years of serving the community faithfully the leaders of HEC prayed and landed on the fact that Transformation Outreach CDC could have a greater impact as community ministry.

This holistic transformation is accomplished through partnership with schools, churches, businesses and parachurch organizations. These partnerships with TOCDC provide the pathway to engage, equip, encourage and empower youth and families to move from striving to thriving in life.







# WE ARE A COMMUNITY WHERE THE NEXT GENERATION OF LEADERS WILL BE ENCOURAGED, EQUIPPED AND DEPLOYED FOR SERVICE.

### OUR 2024 CHILDREN & YOUTH IMPACT

#### WHIZ KIDS READING & AFTER SCHOOL TUTORING

We help provide tutoring for a child struggling in school. Tutoring has the power to boost children's academic scores, create strong readers and improve confidence.

132 students attended our Whiz Kids tutoring program, where they received reading and homework help.







ARTS EDUCATION CAN HELP KIDS ENGAGE WITH SCHOOL AND REDUCE STRESS, DEVELOP SOCIAL-EMOTIONAL AND INTERPERSONAL SKILLS, HANDLE CONSTRUCTIVE CRITICISM, BOLSTER ACADEMIC ACHIEVEMENT AND IMPROVE FOCUS.

#### **SWIMMING PROGRAM**

Our arts program includes different type of art mediums as well as piano and drum lessons.

46 children in our community received water safety training through TOC and Lake Houston YMCA







#### **ROBOTICS & IT**

This program introduces children, youth and young adults to career fields often out of reach for at risk youth and families. Participants are given both instructional knowledge and hands on experience.

30 students across the summer and fall participated in assembling and programming robots. Students from elementary to high school practiced critical thinking, teamwork, and problem solving as they learned the basics of robotics and met various weekly challenges.







#### STEM-IT CERTIFICATION

The TOC STEM program provides exposure to career opportunities, hands-on learning, and online and inperson training for students interested in STEM.

5 students pursuing Python certification from Python Institute. 6 students participated in hands-on training with industry- level network equipment pursuing CompTIA Network+ certification. Arranged for 75 students to tour ExxonMobil, Equinix, and TechnipFMC







#### **SUMMER CAMP**

The summer camp program provides six weeks of activities during the summer months.

117 kids across 5 weeks attended Andreti racing, cooking classes, the aquarium, museum, bowling, and more.







#### **WEEKEND MEALS**

We continue to provide 400 weekend meals to students on the free and reduced meal programs weekly.

10,600 weekend meals provided to 160 students at Title 1 elementary schools in 2023. 6252 meals provided so far in 2024.





ACCORDING TO THE USDA MORE THAN 34 MILLION PEOPLE, INCLUDING 9 MILLION CHILDREN, IN THE UNITED STATES ARE FOOD INSECURE.

## **OUR 2024**

#### **BACKPACK GIVEAWAY**

Purchasing school supplies can have a major impact on a family's budget. This event provides backpacks full of school supplies along with games, face painting and food for the whole family.

We gave away 300 backpacks full of school supplies at an event that featured horseback riding, food and games.







#### **BOXES OF LOVE**

We team up with other churches to deliver meals to families in Humble and NE Harris County every year.

1200 families in the Houston area received Thanksgiving meals, in partnership with 25+ churches and organizations







#### **CHRISTMAS STORE**

Provides means for parents in underserved communities to purchase Christmas gifts for their children at a substantial discount.

250 kids received Christmas gifts







WE ARE GRATEFUL AND THANKFUL FOR OUR DONORS, SUPPORTER, VOLUNTEERS AND STAFF THAT HELP US IMPACT THOUSANDS OF LIVES EVERY YEAR.

IF YOU WOULD LIKE TO PARTNER WITH US WE ARE A 501(C)(3) NON-PROFIT. ALL DONATIONS ARE 100% TAX-DEDUCTIBLE.

YOUR GENEROSITY MAKES OUR MISSION POSSIBLE! PARTNER WITH US TODAY TO TRANSFORM THE LIVES OF FAMILIES.





#### HUMBLE HIGH SCHOOL STEM STUDENTS EXPERIENCE IMMERSIVE VR TECHNOLOGY DURING EXXONMOBIL TOUR

Humble ISD May 16, 2024

Earlier this month, Humble High School STEM students had the opportunity to visit the ExxonMobil Houston Campus to participate in a tour of its virtual reality lab.

During the tour, students learned about the applications of virtual reality technology outside of gaming and its use in design, training, operations and safety practices.

ExxonMobil staff introduced students to virtual reality lab safety and demonstrated how virtual reality, augmented reality and handsfree technology are used to improve workplace safety, increase work efficiency and in training new recruits in the field of engineering.

"I managed to make sense of how architects and construction workers rely on VR headsets to scan measurements and location," Engineering Design student Francisco Rodriguez said. "It was a cool experience to see how technology has been pushed to new heights to create safer work and training environments for newly recruited workers in the field."

In the virtual reality lab, the students tested out the different virtual reality technology available and walked through an immersive introductory simulation that involved ascending an elevator, approaching the edge of the elevator's platform and potentially stepping

"Immediately after taking off the headset, I could imagine a future designing technology and being a part of the impressive people who help build and create these VR headsets," Engineering Design student Kayla Lenzy said.

Humble High School Engineering Instructor Jared Bentley said that before the students' visit to the virtual reality lab, many of them had never considered the use of VR technology outside of gaming.

"They were very excited about the possibility that when they go out into the industry, VR technology might play a role in their careers," Bentley said.

In his Engineering Design and Presentation class, students learn the basics about building 3D models, assembling single parts, placing assemblies together and creating manufacturing drawings.

"It was a great experience for the students to see cutting edge technology in their hands or inches away from them and to see the same issues of 3D modeling and simulations that they're learning in class being applied to real purposes, "Bentley said. "They got to see that when you put these systems together and put a lot of computing power behind them, that they are recreating entire worlds."

The opportunity to visit the ExxonMobil campus stemmed from a partnership with the Transformation Outreach Center, a local organization that helps make careers in technology more accessible to students in Humble ISD through first-person STEM experiences.





#### HUMBLE HIGH SCHOOL STEM STUDENTS LEARN ABOUT SUBSEA OPERATIONS INDUSTRY DURING TECHNIPFMC TOUR

**Humble ISD** 

May 31, 2024

Rising juniors and seniors from Humble High School's T-STEM program were recently exposed to careers in subsea oil and gas production during a tour of TechnipFMC's John T. Gremp Campus.

TechnipFMC is an oil and natural gas company in Harris County, and the John T. Gremp campus is the company's main hub for North American subsea operations.

The jobs represented during the tour included career paths in and outside of STEM, including welding, manufacturing, engineering, facilities management, research, human resources, legal and sales.

"There was so much diversity, inclusiveness and professionalism," incoming Humble High School junior Graciela Rogers said."It was insightful and refreshing to see so many different opportunities and how limitless the company is. I enjoyed observing their amazing work environment and seeing the flexibility in each of their job titles."

While at TechnipFMC, students applied what they have learned in Humble High School Engineering Instructor Jared Bentley's class—from thermodynamics and forces to 3D modeling.

"I learned new concepts while discovering a new career that I would love to be in," said incoming senior Johnathan Martinez. "It was amazing to see how the 3D modeling certification I earned this year could lead to a career in technology like what I witnessed during the trip."

The tour began with students learning about the complete scope of subsea operations, including site exploration by geophysicists and petroleum engineers, the installation of a wellhead and tree, the drilling of a well, the production of oil and gas and the capping and abandonment of a well.

"The best part of it was how interactive it was. "Students were at their peak engagement because they could freely ask questions to the professionals during the tour," Mr. Bentley said.

After the introduction, students toured the facility's engineering offices, the manifold that connects all the wells in a subsea site and observed mockups of a remote operated vehicle.

Students looked down on the welding and assembly area from the office windows as a variety of the careers were explained to them.

The trip concluded with a luncheon in which professionals from all areas of TechnipFMC met with students and answered questions about their field and how their job contributes to the company.

"Many students wanted more time because they were so engrossed in their conversations with the employees," Bentley said. "I heard several students say that they never had considered a career in oil and gas before this experience because they did not realize that it was much more than being in an office or on a rig."

Next month, six recent Humble High School graduates—Ayden Alvarez, Serenity Bradley, Angel Gomez, Ny'Lah Lovelace, Dany Santos and Tayla Scott, who were part of the school's STEM program, will start a summer internship with TechnipFMC.