



GOOSE CREEK

CONSOLIDATED INDEPENDENT SCHOOL DISTRICT



Alex Bello, Alfonso Ramos and Ahsan Mukhi (back, l to r), engineers from Chevron Phillips, work with winners of the Seismic Shakeup Challenge (front, from left) Angela Alvarado, Madelynn McMillen and Rachelle Gilbuena at Gentry Junior School during Engineering Week (E-Week) activities.

Chevron Phillips Conducts E-Week Activities

By: Susan Passmore

Representatives from Chevron Phillips Chemical Company recently conducted Engineering Week (E-Week) activities with Goose Creek CISD students to promote interest in careers in science, technology, engineering and mathematics (STEM).

Twenty members of the Global Business Academy at Goose Creek Memorial High School visited the Cedar Bayou Plant March 3, working side by side with onsite engineers on electrical and civil engineering projects. The students gained knowledge of and exposure to various areas of engineering and business. Chevron Phillips also provided lunch with facility employees, giving students the opportunity to ask questions about career options. Highlights of the event included a Civil Engineering Challenge, using spaghetti, a marshmallow, twine and masking tape, along with presentations on properties of electricity.

Chevron Phillips engineers taught Chrissy Hinton's 8th grade science classes at Gentry Junior School March 11 in another E-Week activity.



(from left) Zackery Mosley, Breanna Williams, Carli Maddox and Madelynn McMillen show off the sunglasses given to them by Chevron Phillips engineers after their informative session on STEM and other careers for 8th grade science classes at Gentry Junior School.

Students watched a video about career options at Chevron Phillips, including positions from clerical work to engineering. Groups of students competed in the Seismic Shakeup Challenge, using playdough and straws to create a structure that could withstand the shaking of a simulated earthquake. Angela Alvarado, Madelynn McMillen and Rachelle

Gilbuena won the challenge with a time of 12 seconds.

“We do design work, but we do it on a computer,” said Alex Bello, an electrical engineer. “If you like computers and you like techy stuff, you’ll like being an engineer.”

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