

Visioneering 2016

Saturday, February 20th

VISIONEERING



SMU[®]

LYLE

SCHOOL OF ENGINEERING



VISIONEERING

Visioneering is a free, half-day event held on the SMU campus that brings together over 900 middle school students from across North Texas to engage with engineering concepts.

7:30 – 8:15 am	Registration and Networking Breakfast
8:30 – 9:00 am	Opening Ceremony
9:00 – 9:30 am	Dismissal to class rooms
9:30 – 11:00 am	Design Challenge
11:00 – 11:10 am	Judge evaluates 1 st team
11:20 – 11:20 am	Judge evaluates 2 nd team
11:20 am	Judging forms returned to building managers
11:30 am	Judging forms due back to McFarlin Auditorium for scoring
11:30 – 11:55 am	Snacks and Engineering Expo
11:55 – 12:30 pm	Closing Awards Ceremony
12:30 pm	Dismissal

Held annually in February since 2000 around National Engineers week, this event celebrates the creative problem solving side of engineering.





The morning of Visioneering starts with an exciting presentation in McFarlin Auditorium on the SMU campus, which includes a short talk from a professional working in a STEM field. Mentors and Lyle students enjoy a networking breakfast prior to the prep rally.





Next is an authentic engineering design competition where teams of students move to classrooms across campus to collaborate on a specific challenge related to a real world problem. Each team is paired with a mentor who is an upper level SMU Lyle School student, faculty or a professional working in a field of engineering.





At the end of the challenge each mentor will judge two other teams' final design projects. All students are required to participate in the presentation.





Judges forms are collected and students return to McFarlin Auditorium for snacks and an engineering expo presented by our sponsors . Exhibitors showcase the latest technologies, projects and hands-on demos.



VISION ENGINEERING

Engineering Exhibit

9:30 – 10:45 am	Exhibit Setup
11:15 – 12:00 pm	Engineering Exhibit Open
12:00 pm	Exhibits can be broken down starting at noon, but some exhibitors choose to view the closing ceremony from noon to 12:30pm and then break down their exhibit.

- Provided: draped table and access to power
- Display items: pop up displays welcome, as are corporate signage and banners
- Handouts: Please consider bringing giveaways (stickers, pencils, brochures, etc.) to share with the students.
- We anticipate 900 6th, 7th & 8th grade students this year.

*Most importantly, your exhibit should feature an activity that the students can **interact** with. Ex.) robot, prototype, scaled model, demonstration, etc.





Once the judging forms have been tabulated we end the day with an awards ceremony where teams are recognized for outstanding execution of one of the design challenge elements: leadership, technological impact, invention, innovation, engineering, and communication.



VISIONEERING

Teacher's Comments

“This is an awesome event that really stretched our kids to think outside the box. Thank you for the opportunity!”

“This is one of the BEST opportunities I have ever witnessed. What an experience!”

“The mentor was incredible and wonderful with the 6th graders.”



VISIONEERING

2015 Sponsors



SMU | BOBBY B. LYLE
SCHOOL OF ENGINEERING

Raytheon

FLUOR®

LOCKHEED MARTIN
We never forget who we're working for®



Bell
Helicopter
A Textron Company



\$5,000

Community Partner

\$15,000

Sustaining Partner

\$25,000

Presenting Partner

Recap report of Visioneering	Recap report of Visioneering	Recap report of Visioneering
Company logo placement on Visioneering website, signage and promotional pieces	Company logo placement on Visioneering website, signage and promotional pieces	Company logo with premiere placement on Visioneering website, signage and promotional pieces
Access to Visioneering photos for promotional use	Access to Visioneering photos for promotional use	Access to Visioneering photos for promotional use
Identification in all communications to media	Identification in all communications to media	Identification in all communications to media
Award carrying company's name and presented by company representative at Visioneering	Award carrying company's name and presented by company representative at Visioneering	Award carrying company's name and presented by company representative at Visioneering
Dedicated space during the Visioneering Tech Expo to showcase company and technology	Dedicated space during the Visioneering Tech Expo to showcase company and technology	Premiere placement and dedicated space during the Visioneering Tech Expo to showcase company and technology
	Opportunity to place branded items in Visioneering bag	Opportunity to place branded items in Visioneering bag
		Named sponsor of Visioneering in communications and verbal recognition during live event
		Opportunity for company employee to speak during opening ceremony
		Volunteer/mentor training at company site prior to Visioneering