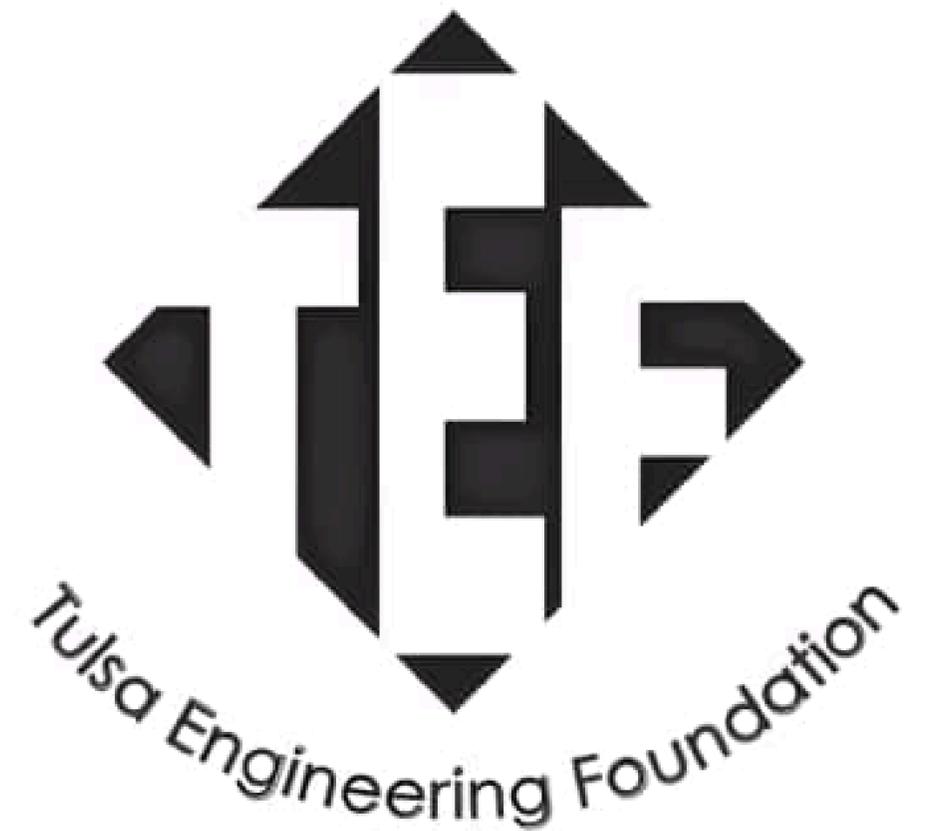

INFO@TULSAENGINEER.ORG

TEF Activities supported in 2026

[HTTPS://TULSAENGINEER.ORG](https://tulsaengineer.org)



TEF and Member Events in 2026

- | | | | |
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| 01 | Who is TEF? | 12 | Math Counts |
| 02 | Tulsa Engineering Challenge (TECh) | 13 | Sea Perch |
| 03 | Engineers Week | 14 | Introduce a Girl to Engineering |
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| 05 | Engineers Night Out | 16 | Tulsa STEAM Program |
| 06 | Endowed TEF and Member Scholarships | 17 | Flight Night Tulsa |
| 07 | Project Grants | 18 | Odyssey of the Mind |
| 08 | Scholarship Golf Tournament | 19 | Maker Faire |
| 09 | See It Be It | 20 | FIRST & Lego League Robotics |
| 10 | Me and My Math Mentor | 21 | Aerial Drone Competitions |
| 11 | Tulsa Regional Science Fair | 22 | eGFI (Engineering Go For it) |

Who is TEF?

- The Tulsa Engineering Foundation was established by the Engineers' Society of Tulsa in the 1980's as a non-profit 501 (c)(3) charitable corporation to provide:
 - Educational facilities and programs relating to the engineering profession.
 - Operate exclusively for charitable, scientific and educational purposes.
- Tulsa Engineering Foundation is a foundation of engineering societies and universities/colleges, formed to assist in coordinating activities and services for the member societies and to promote science, math and engineering in the community. It is a not-for-profit charitable organization, with the mission of serving the engineering profession and offering career guidance activities to our youth.

American Concrete Institute ACI
American Institute of Chemical Engineers AICHE
American Indian Science & Engineering Society AISES
American Public Works Association APWA
American Society of Civil Engineers ASCE
American Society of Heating, Refrigeration and Air Conditioning Engineers ASHRAE
American Society of Mechanical Engineers ASME
American Society of Quality ASQ
American Welding Society AWS
Construction Specifications Institute CSI
Engineers Society of Tulsa EST
Institute of Electrical and Electronics Engineers IEEE
Instrumentation, Automation and Systems Society ISA
Midstream Midcontinent Chapter of GPA MCGPA
National Society of Black Engineers NSBE
Oklahoma Society of Professional Engineers OSPE
Society of American Military Engineers SAME
Society of Hispanic Professional Engineers SHPE
Society of Manufacturing Engineers SME
Society of Petroleum Engineers SPE
Society of Women Engineers SWE
Tulsa Regional STEM Alliance TRSA

Northeastern State University- Broken Arrow NSU
Oklahoma State University – Tulsa OSU-Tulsa
Oklahoma State University Institute of Technology OSU-IT
Oral Roberts University – Engineering Department ORU
Rogers State University RSU
The University of Oklahoma Polytechnic Institute– Tulsa OU-Tulsa
The University of Tulsa College of Engineering & Natural Sciences TU
Tulsa Community College TCC
Tulsa Technology Center TTC

Tulsa Engineering Challenge (TECh)

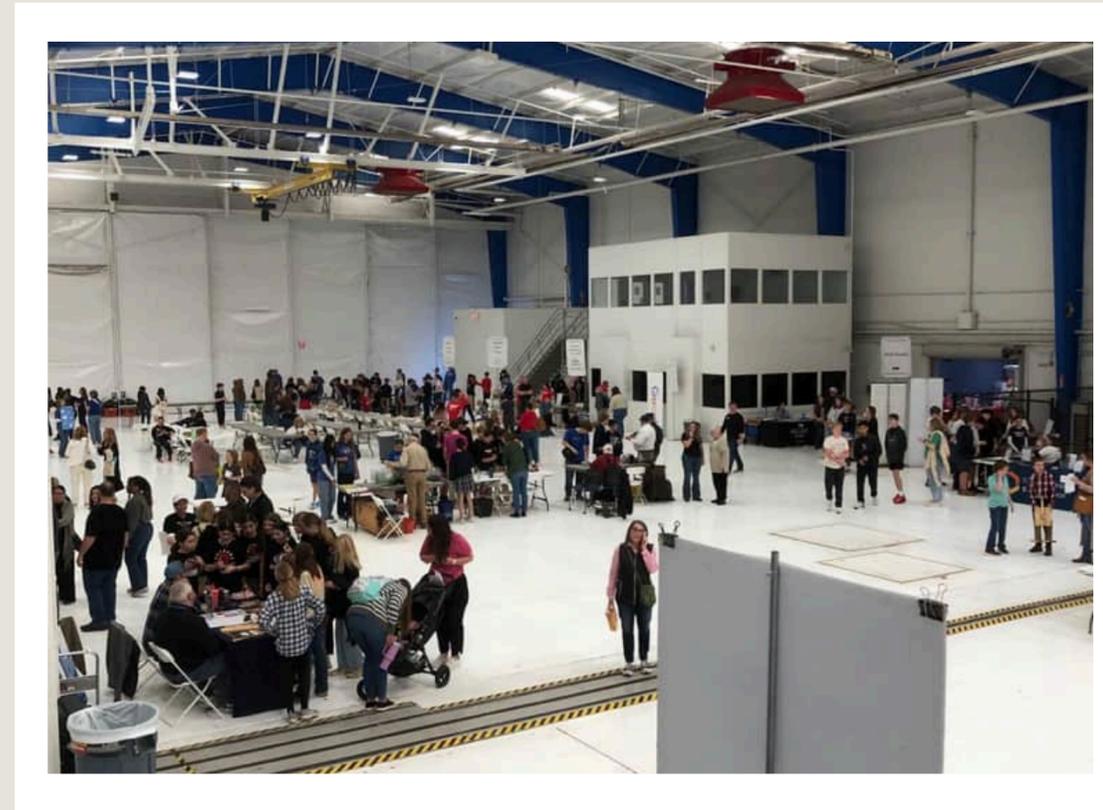
The Tulsa Engineering Challenge (TECh) promotes our youth's interest in science, technology, engineering, art, and mathematics (STEAM) studies and careers with an annual challenge event featuring engineering design based competitions and exhibits.

The 2026 Tulsa Engineering Challenge will be on Friday, March 6, 2026 at the Exchange Center at Expo Square in Tulsa, OK. This year's theme is Transform Your Future. The event is a hands-on opportunity for youth 4th – 12th grades to explore problem solving, designing and construction of devices that accomplish tasks.

Public, private and homeschool students are invited.

Events, rules, and results are posted at TulsaEngineer.org website under the Tulsa Eng'g Challenge menu.

If you would like to volunteer, email us at tulsaengineeringchallenge@gmail.com



✓ TECH JUDGES

Lead Judges

- Laura Ford & Christi Luks: AIChE — Chemical Switch
- Allen Bates: ASCE — Toothpick Bridge
- Jon Liechti: ASME — Rubber Band Powered Vehicle
- Mike Koch: IEEE — Electric Motor
- Gaylon Pinc: OSPE — Aluminum Boat
- Stacy Loeffler: OSPE — Wacky Wonder Works
- Chris Strunk: SAME — Ping-Pong Ball Launcher
- Ram Mohan: SME — Mini-Math
- Suzanne Dodson & Abigail Wendt: SWE — Physics/Chemistry Magic Show
- Annie Tyndal: Digital Poster
- Tommie Henderson, TTC — Battle Robots
- Clay Pearce: — Paper Airplane Distance & Duration
- Cayti Burch: PSO/AEP – Extreme Engineering Challenge
- Jeremy Stahle: CEC – Academic Olympiad

Engineers Week Student Breakfast and Engineers Luncheon

February 25, 2026 – Engineers Luncheon, Tulsa Country Club, hosted by ASCE & APWA

February 26, 2026 – Engineers Week Student/Engineer Breakfast & Career Seminar for high school juniors and seniors, Renaissance Hotel, hosted by the Tulsa engineering community. The program includes keynote speakers and panel discussions. Students have the opportunity to interact with over a dozen engineers from different engineering disciplines.



- Sarah Kellert, Chair – Breakfast, ASCE,
- Shannon Hudson, NAWIC
- Barbara Wollmershauser, TEF
- Aaron Beats, Chair – Luncheon, ASCE



Engineers Night Out

Meeting Monthly, No Agenda or Program, sponsors provide food, attendees buy their own drinks and engage in any conversation of interest to them!

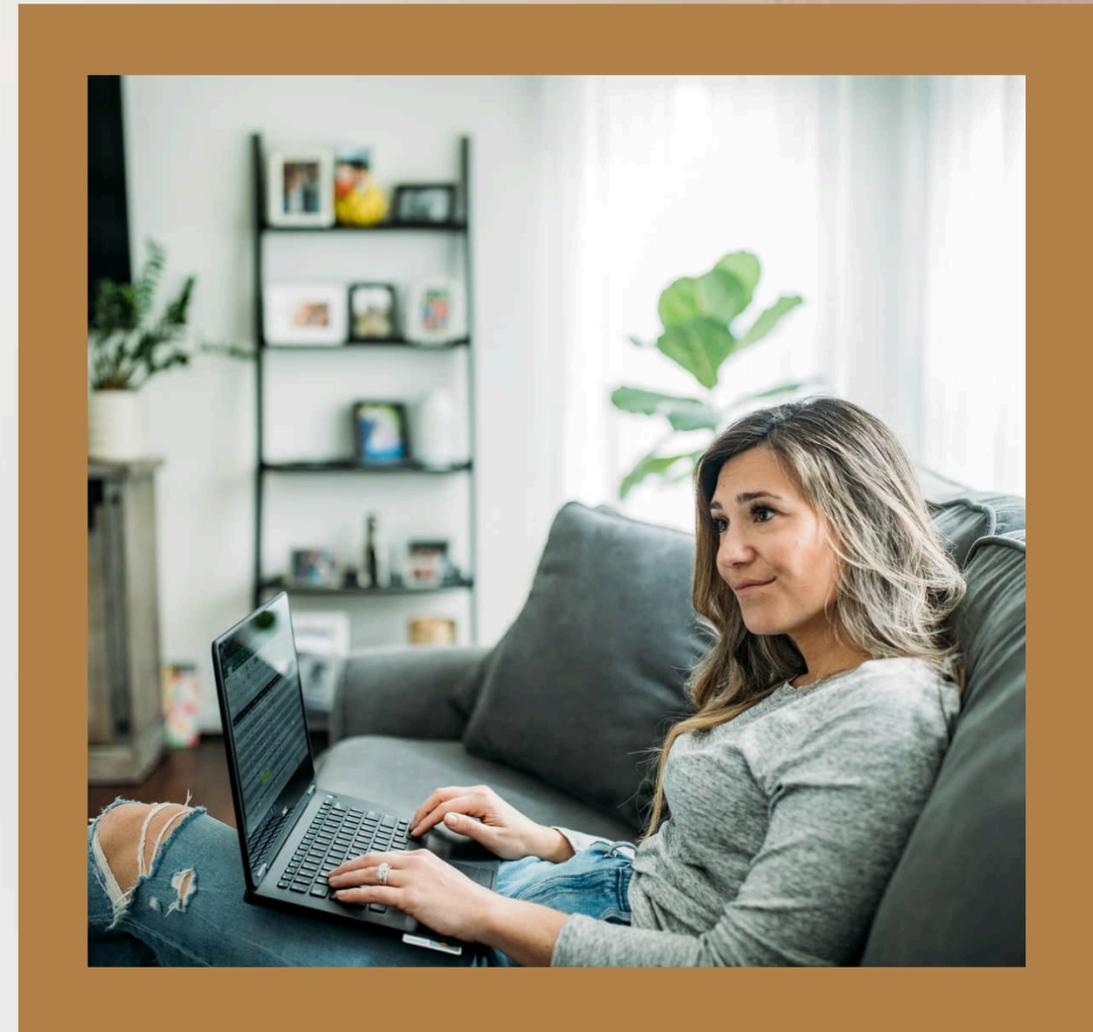
The Engineers Night Out is not only a networking event, but it is also a support for those seeking jobs, a source of volunteers for key programs like Me & My Math Mentor, and a healthy and enjoyable way to keep engineers socially engaged and mentally healthy through employment and Community and Career ups and downs.

Scholarships

TEF Endowed & Member Organization Scholarships

- *ASCE - Freshman and Undergraduate
- * APWA Freshman and Undergraduate
- * OSPE Undergraduate
- * TD Williamson Freshman
- * TEF Endowed- Bridge Builder, Hujsak, and Kilmer

\$31,000 in awards budgeted in 2026



PROJECT GRANTS

\$300 MAX EACH GRANT
(\$6000 BUDGETED IN 2026)

Tex Richardson Engineering and Science awards

THE AWARD WAS ESTABLISHED IN 1992 TO RECOGNIZE TEACHERS AND ENGINEERS IN OKLAHOMA WHO DEMONSTRATE EXCEPTIONAL SERVICE IN GUIDANCE ACTIVITIES, AND IS IN MEMORY OF THE LATE TEX RICHARDSON WHO INSPIRED SO MANY IN HIS YEARS OF GUIDANCE SERVICE.

This annual Award is jointly sponsored by the Tulsa Engineering Foundation (TEF), the Oklahoma Engineering Foundation (OEF) and with the cooperation of the Construction Specification Institute (CSI).

Normally two annual awards, one to a teacher and one to an engineer, recognizing outstanding achievement and service in engineering and science guidance activities in the State of Oklahoma, are presented at the Tulsa E-Week Student Breakfast during the National Engineers Week in February.





What is SeaPerch?

SeaPerch is an innovative underwater robotics program that equips students, educators, and parents with the resources they need to build an underwater remotely operated vehicle (ROV) in an in- or out-of-school setting.

As an integrated STEM education program, SeaPerch is a great place to start on your journey to build a bot and learn how to use that bot for good.

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See It Be It Speakers Bureau



How It Works

1

Sign Up

Create a brief speaker profile with your background and interests.

2

Get Trained

Participate in a short, practical training to prepare for classroom engagement.

3

Get Matched

When an educator requests a speaker like you, we'll reach out to confirm your availability.

4

Inspire Students

Share your journey, answer questions, and help students see a future for themselves in STEM.

Your story could be the moment a student begins to believe: "I can do this."

[BECOME A SPEAKER](#)

Connecting Classrooms with STEM Professionals

"You can't be what you can't see." – Marian Wright Edelman

The See It, Be It program is a powerful way to show young people what's possible for their futures. By connecting STEM professionals with classrooms, we help students meet role models who look like them, share their journeys, and inspire them to see themselves in STEM careers.

Our goal is simple: open doors to possibility, break down stereotypes, and build a stronger, more inclusive STEM future—one experience at a time.

Why It Matters

Students can't aspire to careers they have never seen or imagined. See It, Be It is designed to:

- Connect youth with real people working in science, technology, engineering, and math.
- Share diverse stories so students see that STEM is for everyone.
- Build STEM identity by helping students picture themselves as future engineers, scientists, coders, healthcare providers, innovators, and more.
- Support educators with real-world connections to bring their lessons to life.

This program supports our strategic goals of increasing career awareness and strengthening STEM identity for youth across Oklahoma.

ME AND MY MATH MENTOR



Through engaging gameplay centered on addition, subtraction, multiplication, and division, students develop essential math skills and build confidence—all while having fun with Math Mentors!
We collaborate with schools, partner organizations, and mentors to establish Math Mentor sites across the state. We provide the necessary supplies, training, and logistical support to ensure these sites are equipped to inspire and educate students.

Boevers Elementary | Thursdays, 12:45-1:15 PM
Darnaby Elementary | Mondays, 3:15-4:00 PM
Lindbergh Elementary | Wednesdays, 3:15-4:00 PM
Mayo Demonstration Academy | Wednesdays, 11:00-11:45 AM
McClure Elementary | Tuesdays, 3:30-4:15 PM
McKinley Elementary | Coming Spring 2026
Moore Elementary | Wednesdays, 12:50-1:20 PM
Sequoyah Elementary | Mondays, 3:00-4:00 PM



Tulsa Regional Science Fair

FEB. 12, 2026 AT TULSA UNIVERSITY

Who Can Participate

Open to public, private, and homeschooled students in grades 7–12 who live in Tulsa or Creek County.

Divisions:

- Junior Division: Grades 7–9
- Senior Division: Grades 10–12

No prior school fair required! Students can register directly — all you need is curiosity and a great idea.

Why It Matters

The Science Fair is more than a competition — it's a celebration of curiosity, creativity, critical thinking, and communication.

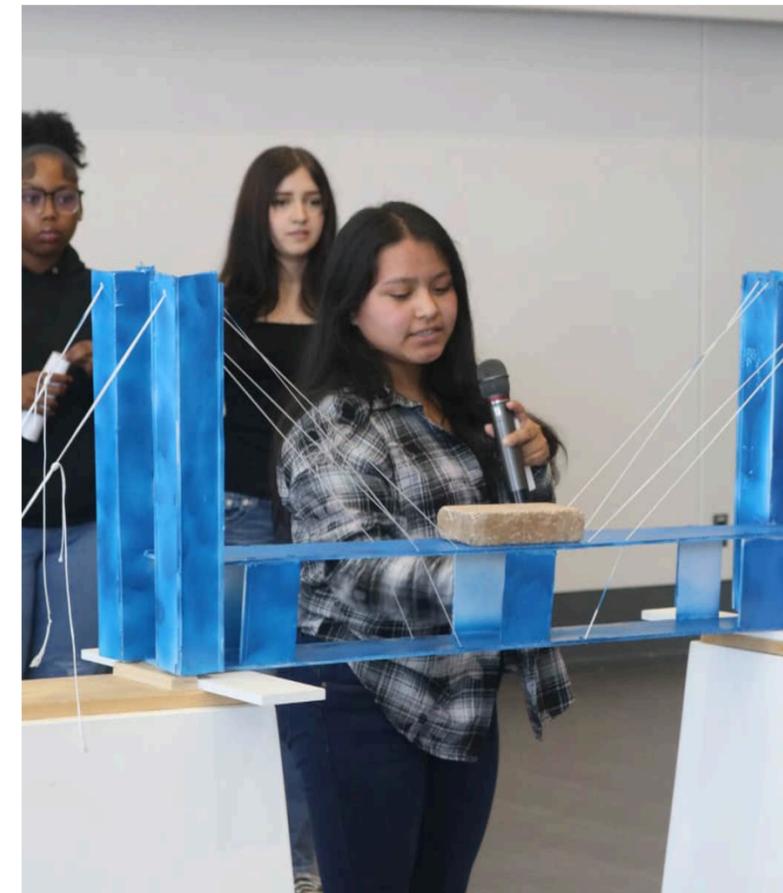
By participating, students will:

- Gain hands-on experience using the scientific method
- Receive feedback from real scientists, engineers, and educators
- Compete for prizes and scholarships
- Build skills that shine on college applications and beyond
- Have a chance to advance to:
 - Oklahoma State Science & Engineering Fair (OSSEF)
 - March 27, 2026, Stillwater, OK
 - International Science & Engineering Fair (ISEF)
 - May 9-15, 2026, Phoenix, AZ



Tulsa STEAM Program

Our program involves design professionals mentoring students in the high school classroom once a week for 10 weeks through a group project. Each team will develop a project to build a (model) bridge and create a presentation to 'sell' their bridge. The Student Impact Project incorporates simple engineering principles, architectural design concepts, and specific site information to meet the Owner's Request for Proposal. The teams will compete against each other at an end of year contest.



Math Counts

MATHCOUNTS is a national math enrichment, coaching & competition program that promotes middle school mathematics achievements in every U.S. state and territory. TEF and member societies support the Oklahoma Engineering Foundation and OSPE in offering MATHCOUNTS in northeast Oklahoma.

Feb. 7, 2026 for NE Oklahoma

FOR MIDDLE SCHOOLERS

OVERCOMING FEAR OF MATH TO MAKE MATH FUN

NURTURING A LOVE OF MATH FOR STUDENTS OF ALL
ABILITIES

MAKING MATH FUN FOR MORE THAN 40 YEARS!



FEB. 7 AT TULSA UNIVERSITY

Introduce a Girl to Engineering

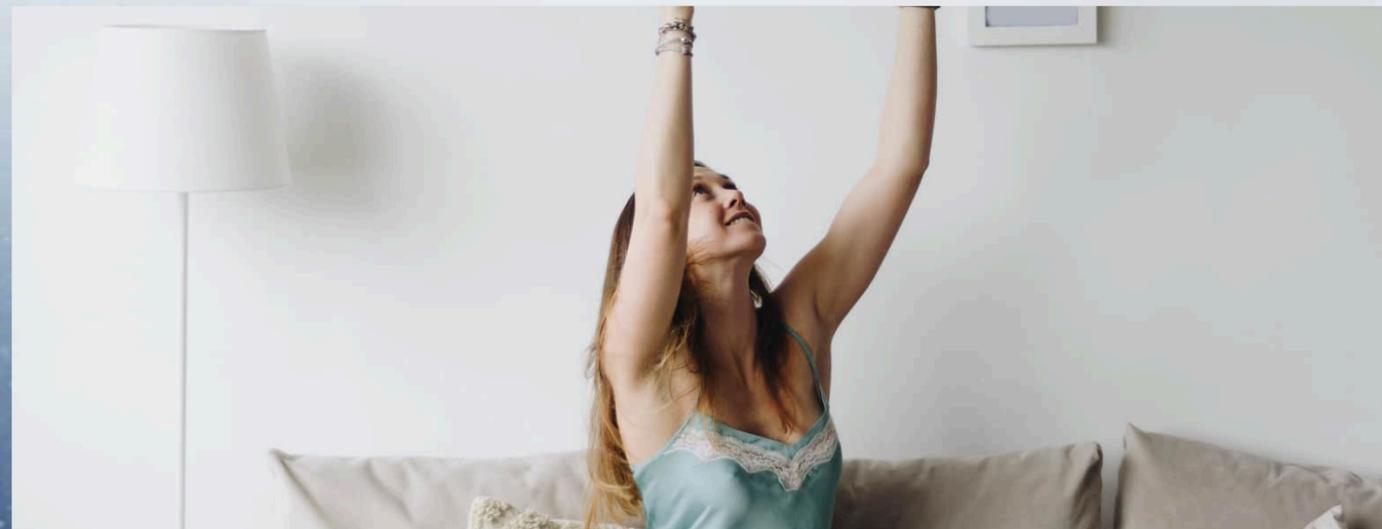
Feb. 26, 2026

DISCOVERY LAB

FREE WITH REGISTRATION!

REGISTRATION IS REQUIRED TO ATTEND.

THURSDAY, FEBRUARY 26TH. 6 PM - 8 PM



“Introduce a Girl to Engineering” is an inspiring event where volunteers, educators, and role models lead hands-on engineering activities and show how engineers shape our world.

Joint Engineering Scholarship Golf Tournament

Sept. 25



HOSTED BY

- American Public Works Association
- American Society of Civil Engineers
- American Society of Mechanical Engineers
- Oklahoma Society of Professional Engineers
- Tulsa Engineering Foundation



GENEROUS DONORS PROVIDE DOORPIZES

Companies who donated items for awards and door prizes: The Canyons at Blackjack Ridge Golf Course, Birdies & Bogeys Golf Gear, Birdie Bay, BKL, Emerson, Incredible Pizza, Moody’s Jewelry, PEC, QuikTrip, Scheels, Science Museum Oklahoma, The Church Studio, Tulsa Zoo, OSU, and Whitewater Express Car Wash.

Several companies donated items for the player swag bags: ADS, BKL, Benham, Haynes Equipment, Kimley-Horn, TRSA, and WSB.

How we use the revenues



WE DEEPLY APPRECIATE OUR COMMUNITY SUPPORT!

Net revenue was \$15,000. The revenue is divided equally among the supporting organizations, and most use it for funding scholarships. 34 teams registered representing 25 companies.



THE SOCIETY OF AMERICAN MILITARY ENGINEERS, (SAME), GENEROUSLY ALLOWS TEF TO PROMOTE OUR STEM SUPPORT PROGRAMS, AT THEIR INDUSTRY DAY EVENT

Industry Day STEM Promotion

THE KEY POINTS

- ✓ We recruit volunteers for STEM events
- ✓ We promote member activities and events
- ✓ We find organizations that may help host events and create career awareness
- ✓ We inform and recruit students and parents who would benefit from participating in our programs

Some of our grant and Volunteer supported activities



Odyssey of the Mind

How OM works...

- 1 New Problems are Released**
Odyssey of the Mind releases 5 Long-Term Problems in late August. Teams of up to 7 students choose one problem to solve and spend weeks to months solving their problem. The problems span five categories: vehicle, technical, classics, structure, and performance.
- 2 Teams Solve Their Problem**
Students (K-12 and university level) solve their selected problem by addressing the problem requirements within the limitations outlined in the problem. The teams write an original idea, build backdrops and props, create costumes, and - based on the problem they selected - may also design a vehicle, write a song, construct a whole wood structure, build a robot, etc.
- 3 Teams Compete Locally**
Each spring, teams around the U.S. and in over 30 nations around the world compete in local, regional, and state-level tournaments. Winning teams advance to their next level of competition, with the very best teams earning the right to represent their state or nation at the World Finals competition.
- 4 World Finals Celebration!**
In late May, over 15,000 minds come together from every corner of the globe to showcase their solutions and to celebrate the creative Odyssey every participant accomplished that year!

Why OM matters...

- Teaches STE(A)M skills
- Common Core aligned
- 21st Century Skills aligned
- OM is affordable for all schools
- OM is homeschool accessible
- Global network of OM alumni
- Universities love OMers!
- Employers love OMers!
- Empowers young people
- No Outside Assistance allowed
- Teaches valuable social skills
- Nurtures leadership early
- Requires time management
- Teaches financial budgeting
- Brings the world together
- OM is incredibly fun!

To learn more about OM and/or join today, please visit: www.odysseyofthemind.com



Maker Faire

Maker Faire is a gathering of fascinating, curious people who enjoy learning and who love sharing what they can do. From engineers to artists to scientists to crafters, Maker Faire is a venue for these "makers" to show hobbies, experiments, projects.



FIRST and LEGO LEAGUE ROBOTICS

FIRST LEGO League engages kids ages 4–16 in hands-on STEM through themed challenges, teamwork, and global events that build skills and confidence.



Engineering, Go For It

by the American Society for Engineering Education
With its large PreK-12 presence, eGFI plays a key role in encouraging students to pursue STEM majors and careers.



FLIGHT NIGHT

The signature fundraising event of the Tulsa Regional STEM Alliance, powering transformative STEM learning opportunities for hundreds of thousands of students across Oklahoma! Flight Night directly supports STEM education in Tulsa and throughout the state.



Aerial Drone Competition

The Robotics Education & Competition Foundation's global mission is to provide every educator with competition, education, and workforce readiness programs to increase student engagement in science, technology, engineering, math, and computer science.