2026 OKTSA FLC – MIDDLE SCHOOL BREAKOUT SESSION DESCRIPTIONS

NOVEMBER 17TH | EMBASSY SUITES, NORMAN

Each workshop will be repeated each session unless otherwise stated.

Title: Build a Bronco!
Description: Bring the university's Broncho mascot to life! In this hands-on workshop, join engineering students to build your own Broncho with moving legs. Discover how mechanical and electrical engineering work together as you assemble your creation and get it moving!
Presenters: UCO School of Engineering
Who Should Attend: Engineering enthusiasts and problem solvers!
Room: Oklahoma Ballroom AB

Title: Oklahoma State University – STEM Challenge
Description: Join the OSU STEM Challenge for an exciting, hands-on experience where TSA members will use the engineering design process to tackle a real-world problem! In this dynamic workshop, you'll brainstorm, design, and prototype innovative solutions using creativity, teamwork, and STEM skills. Guided by OSU experts, you'll put your engineering know-how to the test and compete to see whose solution stands out.
Who Should Attend: STEM enthusiasts and problem solvers!
Room: Oklahoma CD

Title: Leadership in Action
Description: Get ready to be inspired! Join keynote speaker Dustin Galyon for a high-energy, interactive workshop filled with stories and insights to help you grow as a leader, connect with others, and make a positive impact. Bring your energy and be ready to participate!
Presenter: Keynote Speaker, Dustin Galyon
Who Should Attend: Anyone ready to be inspired and take their leadership to the next level!
Room: Oklahoma EF

Title: Mission: Rover Launch! – Design, Build, and Explore
Description: Get ready to roll with the Rover Dawgs! Join Southwestern Oklahoma State University's (SWOSU) NASA Human Exploration Rover Challenge team to explore the engineering challenges behind rover design. Then put your creativity and problem-solving skills to the test as you design, build, and test your own balloon-powered rover. Experiment with propulsion, motion, and stability as you fine-tune your creation. Can you engineer your way to the finish line?
Who Should Attend: Anyone ready to fuel their creativity and get rolling with hands-on engineering!
Room: Oklahoma GH

Title: Blueprints to Success
Description: Ready to take your TSA experience to the next level? Visit this room for workshops on running for TSA office and gaining a competitive edge in your events. Choose the topic that fits your goals!
Session 1 – Running for Office 101: Explore how to build a campaign, deliver a memorable speech, and connect with voters to share your vision with confidence.
Presenters – Rozlyn Goddard, State Secretary; Helen Ni & Caydie Crawford, Regional Secretaries
Sessions 2 & 3 – Going for Gold: Learn how to navigate event guidelines, understand rubrics and formatting requirements, and prepare for portfolios, presentations, and interviews. This workshop repeats during both sessions.
Presenters – Joshua Li, State Treasurer; Vincent Weng & Paige Caves, Regional Treasurers
Who Should Attend: Aspiring TSA officers and members ready to gain a competitive edge!
Room: Oklahoma I

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Title: Lead & Grow: Building a Stronger Chapter
Description: Ready to strengthen your leadership skills and help your chapter thrive? Visit this room for workshops on serving as a chapter officer and building a successful chapter. Choose the topic that fits your goals!
Session 1 – Into the Officer-Verse: Discover your leadership superpowers! Explore chapter officer roles, practice professional introductions, and take part in fun activities to build your skills and find your place on the team.
Presenters – Pavithra Raghavendiran, State Region Representative & Jackson Fuller, E. Region President
Sessions 2 & 3 – Cultivating Success: Discover practical ways to grow membership, organize meetings, prepare for conferences, and lay the foundation for lasting chapter success. This workshop repeats during both sessions.
Presenters – Mulan Zhang, State Sergeant at Arms; Jase Hawthorne & Alexis Gregg, Region SAAs
Who Should Attend: Current and aspiring chapter officers and members ready to help their chapters grow and succeed!
Room: Oklahoma Ballroom J

Title: NASA's Artemis Missions: Returning to the Moon
Description: Get ready for a lunar landing challenge! In this fast-paced, hands-on STEM workshop, participants will explore how to safely land astronauts on the Moon as part of the Artemis generation. Bring your creativity, teamwork, and problem-solving skills for a mission that's out of this world!
Presenter: Dr. Dorinda Risenhoover, Education Coordinator, STEM Outreach Program
Who Should Attend: Students interested in space exploration, engineering design, and hands-on STEM challenges!
Room: University A

Title: TSA Advisor Connection: Updates, Events & Chapter Success
Description: Advisors, this room is just for you! Join fellow TSA advisors for three different sessions designed to keep you informed and support your chapter's success. Attend one or all three for practical information and ideas you can put to work.
Session 1: TSA Updates (Tami Redus, TSA State Advisor)
Session 2: Exploring the New High School Events (Tara Dye, STEM Division Manager)
Session 3: TSA Advisor: May the Odds Be Ever In Your Favor (Brandi Skoropowski)
Who Should Attend: TSA advisors only. Each session covers a different topic!
Room: University B

Title: Budget, Build, Defend! A Transportation Engineering Challenge
Description: Step into the roles of transportation engineer and city planner as your team designs a roadway network for a growing community. Using a color-coded town grid, you will decide where to place businesses and community resources, build connecting roadways, and manage a limited budget. Along the way, your team will make important decisions, calculate project costs, and balance accessibility, economic growth, and community needs. Get ready to think creatively, solve problems, and present your plan to community stakeholders!
Presenter: OK Department of Transportation
Who Should Attend: Anyone ready to put their creativity and problem-solving skills in the driver's seat!
Room: University C

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Title:Teamwork Makes the Dream Work
Description: Great teams start with strong connections! In this interactive workshop, discover how to communicate clearly, encourage your teammates, and turn different perspectives into shared success. Learn how to keep your team moving forward with a positive attitude and bring out the best in one another!
Presenters: HayLee Blanton, State Reporter; Bailey Shobe & Luke Mainka, Regional Reporters
Who Should Attend: Anyone ready to be a great teammate and bring out the best in their team!
Room: Boomer A

Title: Illuminating Your Mind
Description: Spark your creativity and bring energy to life with paper circuits! In this hands-on workshop, you'll design and build a paper circuit that transfers energy from a battery to light a bulb. Explore how circuits work, put your problem-solving skills to the test, and watch your creation shine!
Presenter: Debra Wood, Award winning teacher
Who Should Attend: Anyone ready to light up their creativity!

Room: Boomer B

Title: Dream Big, Make It Happen!
Description: Discover the possibilities in TSA and learn how to fund your chapter's big plans! Visit this room for workshops on making the most of your membership and turning fundraising ideas into opportunities. Choose the topic that fits your goals!
Session 1 & 2 – Blueprints to Success: Explore ways to get involved, build leadership skills, and earn recognition and awards. Find opportunities that match your interests and make the most of your TSA experience.
Presenters – Victor Lopez, State Vice President & Loralie Hanes, Western Region Vice President
Sessions 3 – Get That Bag: How to Fundraise: Discover creative fundraising ideas and practical tips for organizing fundraisers to help turn your chapter's goals into reality. This workshop repeats during both sessions.
Presenters - Ashley Knight, State Historian & Sophia Dibler, Eastern Vice President
Who Should Attend: Members ready to explore TSA opportunities and help fund their chapter's next big adventure!
Room: Sooner A

Title: Cracking the Code to Public Speaking
Description: Step up to the mic and learn how to make your voice impossible to ignore! In this workshop, members will unlock the C.O.D.E. to public speaking: Confidence, Organization, Delivery, and Engagement. From commanding the room and crafting unforgettable hooks to mastering your voice and thinking on your feet, participants will put their skills to the test through interactive challenges and real speaking practice.
Presenters: Akshaj Dalavayi, State President & Blake Jackson, Western Regional President
Who Should Attend: Members who want to build confidence and strengthen their public speaking skills!
Room: Sooner B

Title: Street Smart: Hands-On Traffic Safety
Description: Get moving and put your traffic safety knowledge to the test! In this high-energy, hands-on workshop, you'll explore real-world traffic safety equipment, take part in interactive activities, and see safety demonstrations in action. Discover how everyday choices can make a difference and leave with practical tips to keep yourself and others safe on the road!
Who Should Attend: Anyone ready to get street smart and make safer choices on the road!
Room: East Parking Lot

11:45 am – 1:00 pm Lunch on your own
1:15–2:15 p.m. – General Session
After lunch, all members and advisors will return for an inspiring keynote speaker, followed by the awards presentation and conference closing.