


**2024 Oklahoma Summit
STEM Division Day 2
Tulsa Tech Peoria Campus
3850 N Peoria Ave, Tulsa, OK 74106
August 2nd, 2024
7:15am-4:00pm**

Room #	Capacity	Doors Open 7:15am	Session 1 8:00-8:45AM	Session 2 9:00-9:45AM	Session 3 10:00-10:45 AM	Session 4 11:00-11:45	LUNCH/Updates 11:45 AM-1:20PM	OkACTE STEM VP Regional Networking 1:30pm-2:15pm	Program Area Networking 2:25pm-4:00pm	Dismiss and submit Verification form 4:00pm
101	50 Theater Styl	Doors will open to teachers at 7:15am. Shuttles will run from Tulsa Tech McLain Campus to Peoria for Overflow Parking 7am-9am 12pm-1pm 3:15pm-4:30pm	TSA Updates Tami Redus	TSA: Promote and Grow Your Chapter Panel	TSA in the Classroom For Middle School Tara Dye	TSA in the Classroom for High School Tara Dye	Comprehensive Teachers Teacher Update with Tonja Norwood in Auditorium 12pm-12:20pm Lunch 12:20pm-1:30pm Tech Center Teachers Lunch 11:50am-1:00pm Updates with Tonja Norwood in Auditorium 1:00pm-1:20pm Lunch Catered by: Ted's	OKC Metro Region In Auditorium	Pre-Engineering	Google Verification form must be completed in the last session. This is when the QR Code will be released. This verification form covers both Day 1 attendance and Day 2 attendance. Once it is completed, you will get a certificate emailed to you of your attendance for Day 1 and Day 2.
102	30 seats		Laser Engraving and your classroom Brandi Schwartz	Laser Engraving and your classroom Brandi Schwartz	Laser Engraving and your classroom Brandi Schwartz	Laser Engraving and your classroom Brandi Schwartz		Tulsa Metro In Overflow Dining Area	MS Tech Eng	
103	30 seats		Problem-Solving and Computational Thinking with LEGO Education Lauren Russell	Problem-Solving and Computational Thinking with LEGO Education Lauren Russell	STEM in Public Libraries Aaron Pence, Cari Boatright Rérat, Jason Gonzales and Theri Ray	STEM in Public Libraries Aaron Pence, Cari Boatright Rérat, Jason Gonzales and Theri Ray			HS Tech Eng	
A203	15 seats							Tami- TSA Event Managers Advisory Committee only	Math	
A205	20 seats 20 computers		Recruiting: Finding Stardust to makestars in your CTE Programs Gayle Hahn and Tammy McDermott	Recruiting: Finding Stardust to makestars in your CTE Programs Gayle Hahn and Tammy McDermott	Recruiting: Finding Stardust to makestars in your CTE Programs Gayle Hahn and Tammy McDermott	Recruiting: Finding Stardust to makestars in your CTE Programs Gayle Hahn and Tammy McDermott			Biomed/Biotech	
A210	20 20 computers		What's Going on at Cisco Academy? Glen Wright	What's Going on at Cisco Academy? Glen Wright	Securing Oklahoma with the Power of Community OMES- Amber Mangham	Choose Aerospace with Crystal McGuire			Biomed/Biotech	
A215	20 seats		Learning is Pretty Sweet- DNA Extractions Deb Wood	Illuminating Your Mind-Paper Ciruits Deb Wood	Get to know ICEV Carla Campbell	Get to know ICEV Carla Campbell			Computer Science	
A216	19 seats		Engineer Your Robotics CTE Course Steff Forbes and Tim Lankford		Illuminate Grades 5-8 Computer Science Steff Forbes	Growing Good in the Classroom with Aquaponics Reece Hundly		Northeast Region 215/216/220	Computer Science	
A220	20 20 Computers		Positive Classroom Culture Trisha Swift	Positive Classroom Culture Trisha Swift	Anxiety in the Classroom Trisha Swift	Anxiety in the Classroom Trisha Swift			Robotics	
A222	20 20 computers			Create Future-Ready Coders and Makers Steff Forbes	Autodesk Resources in Your STEM Classroom	Autodesk Resources in Your STEM Classroom			Science	
401	40 40 computers	Surviving Your First Year Kelli Carnes	5 Year Program Evaluation Prep Angela Teeman	Inspiring and Preparing Youth for STEM-Enabled Futures Levi Patrick and Michelle Rahn	Inspiring and Preparing Youth for STEM-Enabled Futures Levi Patrick and Michell Rahn	Northwest Region 401	Aerospace& Aviation			
401 C	20 seats		Exploring Computer Science Education Legislative Requirements and Frequently Asked Questions Jeremy Maker	Exploring Computer Science Education Legislative Requirements and Frequently Asked Questions Jeremy Maker						
402	20		Backup Room				Gateway			
402C	15		Traveling Sound- OERB Science Middle School Jeffrey Patterson		Traveling Sound- OERB Science Middle School Jeffrey Patterson	Southwest Region 402A-C	Gateway			
402B/E	15	Let's Move that Oil OERB MS Math Michael Lewchuk	Let's Move that Oil OERB MS Math Michael Lewchuk	Drill in the Right Direction OERB HS Math Michael Lewchuk	Drill in the Right Direction OERB HS Math Michael Lewchuk		Gateway			
404	20 Seats	Water and Membranes Keri Shingleton	DNA with a Twist Keri Shingleton	CRISPR Adaptive Immunity... a tale of bacterial defense Keri Shingleton	Unfolding the mystery of protein structure and function Keri Shingleton	QR Code To box link with Regional Map				
405F	24	OSU CEAT Hands-On Activities Brandy Mays and Mary Tran	OSU CEAT Hands-On Activities Brandy Mays and Mary Tran	OSU CEAT Hands-On Activities Brandy Mays and Mary Tran	OSU CEAT Hands-On Activities Brandy Mays and Mary Tran					
406	20 Computer	Acid Rain and Buffers/ Disappearing Bees (middle school) Science Take Out	Cell Communication (high school) Science Take Out	A Medical Mystery of Epidemic Proportions (high school) Science Take Out	Engineering a Living Medicine (high School) Science Take Out					
407	23 Seats 20 Computers	The U.S. Army in Your Classroom Nita McGee & Antonio Alaniz	The U.S. Army in Your Classroom Nita McGee & Antonio Alaniz	The U.S. Army in Your Classroom Nita McGee & Antonio Alaniz	The U.S. Army in Your Classroom Nita McGee & Antonio Alaniz					
409	20 Seats 24 Computer	Exploring Cyber Security with OCII Chad Raduege, Tywania Griffin, Timothy Crisp	Exploring Cyber Security with OCII Chad Raduege, Tywania Griffin, Timothy Crisp	Exploring Cyber Security with OCII Chad Raduege, Tywania Griffin, Timothy Crisp	Exploring Cyber Security with OCII Chad Raduege, Tywania Griffin, Timothy Crisp					
410	22 Seats	Civil Air Patrol from a HighRanking High School Student: Spencer Lee	Civil Air Patrol from a HighRanking High School Student: Spencer Lee	Civil Air Patrol from a HighRanking High School Student: Spencer Lee	Civil Air Patrol from a HighRanking High School Student: Spencer Lee					
411A& B	20 Seats	RLS 3D Printing-Success, Tips and Tricks, and How to Repair David Ouellette	RLS 3D Printing-Success, Tips and Tricks, and How to Repair David Ouellette	RLS 3D Printing-Success, Tips and Tricks, and How to Repair David Ouellette	RLS 3D Printing-Success, Tips and Tricks, and How to Repair David Ouellette					

A	C	D	E	F	G	H	I	J	K	L
414A	20 seats		Safety in Educational Facilities Tulsa Fire Department Bryan Runyan	Safety in Educational Facilities Tulsa Fire Department Bryan Runyan	Safety in Educational Facilities Tulsa Fire Department Bryan Runyan	Safety in Educational Facilities Tulsa Fire Department Bryan Rynyan				
414B	20 seats		Google Suite for Education: Beginner tips for GSuite Apps Casey Woods	Google Suite for Education: Intermediate tips for GSuite Apps Casey Woods	Biomed Capstone- Fellowship Program Year 2 Casey Woods	Biomed Capstone- Fellowship Program Year 2 Casey Woods				
414 C	24 24computers		Unlock Your Potential: Building Lifelong Tech Skills with CompTIA Spark Kay Frinks	Unlock Your Potential: Building Lifelong Tech Skills with CompTIA Spark Kay Frinks	Unlock Your Potential: Building Lifelong Tech Skills with CompTIA Spark Kay Frinks	Unlock Your Potential: Building Lifelong Tech Skills with CompTIA Spark Kay Frinks				
414 D	20 seats		Strategic Social Media Usage for Educators AJ Graffeo	Strategic Social Media Usage for Educators AJ Graffeo	Strategic Social Media Usage for Educators AJ Graffeo	Strategic Social Media Usage for Educators AJ Graffeo				
415	32		_____	Drones In classroom and Beyond David Meador and Jaci Jenkins	Understanding Relevant Drone Laws and Regulations David Meador and Jaci Jenkins	Drones In classroom and Beyond David Meador and Jaci Jenkins				
425	20		Biotechnology Basics: Exploring Agarose Gel Electrophoresis Dr. Danielle Snowflack- Edvotek	Biotechnology Basics: Exploring Agarose Gel Electrophoresis Dr. Danielle Snowflack- Edvotek	CRISPR Connections Dr. Danielle Snowflack- Edvotek	CRISPR Connections Dr. Danielle Snowflack- Edvotek				
427	21 Computers		Basic Data Collection with Your Vernier Equipment	Engineering Design Process using Vernier's Structures and Materials Tester	Advanced Biomed-Focusing on specific sensors	Biotech-co presented with Bio-Rad				
443	30 seats		KidWind: Solar, Circuits and Grid Kathy Jackson	KidWind: Solar, Circuits and Grid Kathy Jackson	KidWind: Solar, Circuits and Grid Kathy Jackson	KidWind: Solar, Circuits and Grid Kathy Jackson				