## STEM Division Day 2 August 5, 2025 7:15 am - 4:00 pm Tulsa Tech Riverside Campus 801 E 91st St, Tulsa, OK 74132

Room #	Room Name	Capacity	Doors Open 7:15 Am	Session 1 8:00 - 8:50 am	Session 2 9:00 - 9:50 am	Session 3 10:00 - 10:50 am	Session 4 11:00 - 11:50 am	Lunch/Updates 11:50 -1:20 pm	OKACTE STEM Regional VP Networking 1:30-2:15 pm	Program Area Networking 2:25-4:00 pm	Dismiss and Submit Verification Form 4:00 pm
A106	Conf Room	56	Doors will Open	STEM Engagement for All Abilities! NASA Dr. Dorinda Risenhoover	STEM Engagement for All Abilities! NASA Dr. Dorinda Risenhoover	OSU Speedfest India Class (5th- 12th) Competition Information and Curriculum NASA Dr. Dorinda Risenhoover	OSU Speedfest India Class (5th- 12th) Competition Information and Curriculum NASA Dr. Dorinda Risenhoover	Comprehensive Teachers 11:50 -1:00 pm	Northeast Region A106	Aviation/ Aerospace A229	
A114	Conf Room	20	to	ODOT: Major Impact Kala Fowler & Anthony Delce	ODOT: Major Impact Kala Fowler & Anthony Delce	Stellar Explorers Competition Charles Koutahi	Stellar Explorers Competition Charles Koutahi	Lunch			
A144	Training Room	48	Teachers at 7:15 am	Hands on STEM: Engaging Middle Schoolers in Coding & Robotics Tim Lankford - Pitsco	Computer Science Curriculum: Prepare Your Students for Tech Jobs Anji Ison	Take Learning to New Heights: Engaging Students Through Drone Technology David Meador - Pitsco	Engineering Your Robotics CTE Course Tim Lankford - Pitsco	Updates with Tonja Norwood	OKC Metro A 150	Biomed/ Biotech	Verification
A150	Auditorium	316		TSA Updates Tami Redus	5 Year Program Evaluation Kristye O'Mealey	New Teacher Session Kelli Carnes	TSA Updates Tami Redus	Rm A150	A 100	F153	form must be
A209	Conf Room	20		Beginners Guide to Google Classroom Casey Woods	Intermediate Guide to Google Classroom Casey Woods	Environmental Sustainability for Future Engineers Christine Cammuso	Environmental Sustainability for Future Engineers Christine Cammuso	1:00 - 1:20 pm	Northwest	Computer	the last session. This
A216	Classroom	20		Civil Air Patrol How does it support STEM Education Scout Lee	Civil Air Patrol How does it support STEM Education Scout Lee	Civil Air Patrol How does it support STEM Education Scout Lee	Civil Air Patrol How does it support STEM Education Scout Lee	Tech Center	Region A229	Science A144	is when the QR Code will be released. This
A229	Meeting Rm	48		Bridging the Gap: Fostering Innovation with Industry Partners in STEM Education David Day	Bridging the Gap: Fostering Innovation with Industry Partners in STEM Education David Day	A Human Centered Approach Andrew Darrow	Connecting with Your Community: A Human Centered Approach Andrew Darrow	Teachers Updates with	Tulsa Metro	Gateway	verification form covers
A231	Classroom	20		Classroom Arcade with Makey- Makey & Scratch Coding Michelle Rahn- Tulsa Regional STEM Alliance	Classroom Arcade with Makey- Makey & Scratch Coding Michelle Rahn- Tulsa Regional STEM Alliance	Behind the Barcode: Unpacking the STEM Careers behind your Food, Fiber and Fuel Emily Ague Ag in the Classroom	Behind the Barcode: Unpacking the STEM Careers behind your Food, Fiber and Fuel Emily Ague Ag in the Classroom	Tonja Norwood Rm A150 12:00 - 12: 20 pm	F207	Cafeteria	Day 1 and Day 2 attendance.
A240	Classroom	20		Sea Perch Challenge Abraham Kamara	Sea Perch Challenge Abraham Kamara	Getting Started with Whitebox Learning Lane Ullrich	Getting Started with Whitebox Learning Lane Ullrich	Lunch 12:30 -1:30 pm			Once it is completed,
A243	Classroom	20		Engineering Tomorrow: Labs that Introduce Students to the Worlds of Engineering Jennifer Edwards	Engineering Tomorrow: Labs that Introduce Students to the Worlds of Engineering Jennifer Edwards	Engineering Tomorrow: Labs that Introduce Students to the Worlds of Engineering Jennifer Edwards	Engineering Tomorrow: Labs that Introduce Students to the Worlds of Engineering Jennifer Edwards	12.30 -1.30 μπ	Southwest Region F216	HS-MS Tech Engineering A150	you will get a certificate emailed to you
A250	Classroom	20		Safe water with Science Take Out Passion Bradley	Are Flavored E-Cigarettes Harmful with Science Take Out Passion Bradley	Water Pollution with Science Take Out Janet Lawrence	Kidnapped with Science Take Out Janet Lawrence				for your attendance.
C114	Academic Center	16		Take a TOSA Certification! Deborah Trask	Getting Students College and Career Ready with Stackable, Industry Recognized Credentials Deborah Trask	Getting Students College and Career Ready with Stackable, Industry Recognized Credentials Deborah Trask	Getting Students College and Career Ready with Stackable, Industry Recognized Credentials Deborah Trask		Southeast Region	Math	
C118	Academic Center	16		Crafting a Great First Day: Going Beyond the Ice Breakers and Syllabus Sarah Carter	Creative Ways to Incorporate Logic Puzzles in the Classroom Sarah Carter	Creative Ways to Incorporate Logic Puzzles in the Classroom Sarah Carter	Crafting a Great First Day: Going Beyond the Ice Breakers and Syllabus Sarah Carter		F228	F211	

D119	Classroom	18	
D135	Classroom	20	
Faculty Lounge		40-45	
F134	Computer Lab	20	
F135	Classroom	16	
F138	Classroom	40	
F145	Classroom	20	
F153	Conf Room	15-20	
F201	Meeting Rm	60	
F207	Classroom	20	
F211	Computer Lab	40	
F216	Classroom	20	
F219	Classroom	20	
F228	Classroom	20	
F232	Classroom	20	
F236	Lab	40	

Intro to Aquaponics with Symbiotic Aquaponics Kaben Smallwood	Intermediate Aquaponics with Symbiotic Aquaponics Kaben Smallwood	Extending Learning with Aquaponics with Symbiotic Aquaponics Kaben Smallwood	Building the Aquaponics System for your Classroom/Greenhouse Kaen Smallwood			Pre- Engineering
Industry 4.0: Career & College Exploration 5th -8th Joe Carter	Industry 4.0: Career & College Exploration 5th -8th Joe Carter	On Shape: Cloud Based CAD Modeling Brian Twomey	On Shape: Cloud Based CAD Modeling Brian Twomey	Breakfast Menu:		A106
3D Printer: Ins and Out David Oulette	3D Printer: Ins and Out David Oulette	3D Printer: Ins and Out David Oulette	3D Printer: Ins and Out David Oulette	Continental Breakfast including assorted pastries with fresh fruit		Robotics
Anatomy of Athletes: from Humans to Horses Amanda Pennings	Anatomy of Athletes: from Humans to Horses Amanda Pennings	Engaging Students in the 21st Century with STEM Curriculum Kassie Jo Winn-Huzar iCEV	Engaging Students in the 21st Century with STEM Curriculum Kassie Jo Winn-Huzar iCEV	and yogurt dip.		A114
Education Grows Naturally Patrick Hayes	Education Grows Naturally Patrick Hayes	A New Approach to STEMM Career Exploration: Lab Xchange Nicole Sjoblom	A New Approach to STEMM Career Exploration: Lab Xchange Nicole Sjoblom	Lunch Menu: 3 Cheese Lasagna Caesar Salad		
Teaching Systems: Laser Engraving Brandy Schwartz & Ronnie Tatum	Teaching Systems: Laser Engraving Brandy Schwartz & Ronnie Tatum	Teaching Systems: Laser Engraving Brandy Schwartz & Ronnie Tatum	Teaching Systems: Laser Engraving Brandy Schwartz & Ronnie Tatum	Broccoli Breadsticks Tea and Water	QR Code To Box Link with Regional Map and Region Sending School list.	Science
VR Coding Wesley Scott	VR Coding Wesley Scott	Complete Guide to 3-D Printing in the Classroom Andrew Lankford	Incorporating 3-D Printing Into Your Program with Q & A Andrew Lankford	***		F201
The Happiness Diet Nikki Parker	The Happiness Diet Nikki Parker	Careertech Testing: from Creation to Credentialing Corey Clapp	Careertech Testing: from Creation to Credentialing Corey Clapp	* If you have dietary needs that do not align with the planned		
TSA Middle School Inside the Competitions: Q & A with Event Manager	Tips and Tricks for TSA Portfolios and Displays Tara Dye and Valerie McCauley	TSA High School Inside the Competitions: Q & A with Event Manager	CO2 Dragster Design for the Classroom and Competition Paul Wollenberg & Danny Pruett	menu, please plan accordingly and feel free to bring any necessary items with you.		
Thriving on a Budget with Tinker Federal Credit Union Jessica Teszlewicz	The Psychology of Money with Tinker Federal Credit Union Jessica Teszlewicz	Tango Flight- Where STEM Takes Flight Craig Anthony	Tango Flight- Where STEM Takes Flight Craig Anthony	·		
STEM in the Classroom- Hands on Design Projects Brandy Mays and Jovette Dew	STEM in the Classroom- Hands on Design Projects Brandy Mays and Jovette Dew		STEM in the Classroom- Hands on Design Projects Brandy Mays and Jovette Dew			
Unity Fundamentals for Game Design David Swift	Staying Calm(ish) in the Chaos Trisha Swift	Staying Calm(ish) in the Chaos Trisha Swift	Taking Care of you While Taking Care of Them Trisha Swift			
Exploring Cyber Security with OCII Tim Crisp and TJ Griffin Insurica: Safety in the Classroom	Exploring Cyber Security with OCII Tim Crisp and TJ Griffin Insurica: Safety in the Classroom	Fab Lab Tulsa Dan Moran It's Alive! Bring STEM to Life with	Fab Lab Tulsa Dan Moran It's Alive! Bring STEM to Life with			
Hazard Recognition  JD Talbert  STEM Sustainability Readers with	Hazard Recognition  JD Talbert  STEM Sustainability Readers with OK	AR/VR Brooke Cashion STEM Sustainability Readers with	AR/VR Brooke Cashion STEM Sustainability Readers with			
OK Beef Council Jessica Sadler	Beef Council Jessica Sadler	OK Beef Council Jessica Sadler	OK Beef Council Jessica Sadler			
Botball Educational Robotics Program Steve Goodgame	Botball Educational Robotics Program Steve Goodgame	Botball Educational Robotics Program Steve Goodgame	Botball Educational Robotics Program Steve Goodgame			

F251	Lab	20
G124	Classroom	20
G125	Classroom	20

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	Students to SME's: Building Cybersecurity Talent from 8th Grade to Employment Dr. Sari McCoy, Ms. Susan	Students to SME's: Building	Students to SME's: Building	
MS Technology and Engineering:		Cybersecurity Talent from 8th	Cybersecurity Talent from 8th	
Creating Modules and Developing		Grade to Employment	Grade to Employment	
Your Course		Dr. Sari McCoy, Ms. Susan	Dr. Sari McCoy, Ms. Susan	
Holly Hannon		Henderson, and Mrs. Kelly	Henderson, and Mrs. Kelly	
	Henderson, and Mrs. Kelly Newman	Newman	Newman	
Women in STEM- BreakOut Box	Women in STEM- BreakOut Box	Illuminating your Mind: Paper	Building a Drone Program that	
		Circuits	Prepares Students for Careers	
Debra Wood	Debra Wood	Debra Wood	Jenny Peters	
Hands on Middle School Career	Hands on Middle School Career	Hands on Middle School Career	Hands on Middle School Career	
Exploration with SAM Labs: How		Exploration with SAM Labs: How	Exploration with SAM Labs: How	
Hands on Learning Can Engage	Exploration with SAM Labs: How Hands on Learning Can Engage Intermediate Students Corey Abernathy and Morten Hagen	Hands on Learning Can Engage	Hands on Learning Can Engage	
Intermediate Students		Intermediate Students	Intermediate Students	
Corey Abernathy and Morten		Corey Abernathy and Morten	Corey Abernathy and Morten	
Hagen		Hagen	Hagen	