SCHEDULE: SATURDAY, MAY 17, 2025

★ *STAR SESSIONS INDICATE GT HOUR CREDIT

STEAM
SCIENCE TECHNOLOGY ENGINEERING ARTS MATH
CONFERENCE 2025

7:30 AM - 8:15 AM	Breakfast Served				
8:15 AM - 8:30 AM	Presentation of Colors, Welcome, and Introductions				
8:30 AM - 9:15 AM	Keynote Dr. Sampson at Rio Grande Room				
9:20 AM - 10:05 AM	Keynote Dr. Whaley at Rio Grande Room				
ROOMS	**FEATURED** RIO GRANDE (STARLIGHT)	**STEAM 1** SUNSET (STARLIGHT)	**STEAM 2** TRANSMOUNTAIN (STARLIGHT)	**MATH** PASO DEL NORTE 3 (BLDG A)	**SCI/ENGIN** SCENIC DRIVE (STARLIGHT)
BREAK OUT #1 10:15 AM - 11:00 AM	STEAM Excellence at Montwood High School: Our Path to National Recognition **Dr. Marianne Torales, Miguel Rivera, April Hall, Tabatha Schacht (SISD)**	★ Using Phenomena to Develop Questioning Skills, Scientific Mindsets and Curiosity **Alfred Olivas (Insights)**	★ Lights, Camera, CanvaEDU: Empowering Students to Create Collaborative Videos **Karen Wright-Balbier, Arcy Aguina (EPISD Digital and Learning Resources)**	Hands-On Standards: A Sneak Peak into Mini Lessons for Deeper Understanding **Carol Julian (Hand2Mind)**	Mission Planning with Texas High School Aerospace Scholars **Angela Clayton (NASA)**
BREAK OUT #2 11:10 AM - 11:55 AM	★ Introduction to Coding Using the Micro:bit **Dr. Sheryl Roehl**			Once Upon a Math Problem: Storytelling for Deeper Learning **Laurie Jones Curtis (Lorena ISD)**	★ Incorporating Phenomena Into your Science lessons! **Cindy Apodaca (SISD)**
12:10 PM - 1:10 PM	LUNCH and Drone DEMO and Visit Vendors				
BREAK OUT #3 1:20 PM - 2:05 PM	TEA Updates: The STEAM Landscape in Texas **Michelle Sedberry (TEA)**	★ From Guidelines to Practice: Critical AI Activities for the Classroom **Melissa Warr (NMSU)**	Inclusivity By Design **Deana White, Gina Martinez (La Nube)**	★ Integrating Python Programming in Mathematics Education **Adrian Estorga (SISD)**	Unlocking Science: The Power of Exploration! **Cindy Apodaca (SISD)**
BREAK OUT #4 2:15 PM - 3:00 PM	★ Productive Struggle in Math Prepares Students for Success **Nigel Nisbet (Mind Education)**	Curipod for 100% Student Engagement and Instant AI Feedback on STAAR Test Prep **Heather Brantley (Curipod)**	★ Little Mad Scientists **Deana White, Norma Escandon (La Nube)**	Empowering Math Instruction in Texas with Bluebonnet Learning **Christy Barnett, Paige Ward (Great Minds)**	★ Teacher-Led Innovation: Making the Case for Innovation **Joseph Sapien (STTE Foundation)**
3:10 PM - 4:00 PM	Closing KEYNOTE Dr. Velasco at Rio Grande Room				
4:00 PM - 4:30 PM	Door Prizes and Kit Distribution				

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ROOMS	**SPECIAL EDUCATION/ TECHNOLOGY** PASO DEL NORTE 2 (BLDG A)	**SOC ST/TECH** CLASSROOM (BLDG A)	**LITERACY/EB** SKYVIEW (STARLIGHT)	**COMPUTER SCIENCE** MISSION TRAIL (STARLIGHT)	**TECHNLOGY/HEALTH** PASO DEL NORTE 1 (BLDG A)
BREAK OUT #1 10:15 AM - 11:00 AM	STEMming Towards Progress!: Pathways for Students with Disabilities **Nelson Ortega (EPISD)**	★ Connecting Social Studies and STEAM in the Secondary Classroom **Jesus Gamez (R19), Jared Gamez (SISD)**	★ Ready to LEGO and have Fun with Critical Thinking? **Paula Taylor (Discovery Ed)**	Digital Innovation in STEM: Leveraging Microsoft Tools for Advanced Computational Thinking and Cross-Disciplinary Problem Solving **Maria Dickerson (EPISD)**	How to Get into Medical School **René André (TTUHSC El Paso Foster School of Medicine)**
BREAK OUT #2 11:10 AM - 11:55 AM	STEAM and Autism **Elvia Flores, Mariana Kolar (SISD)**	★ Enhancing Social Studies Instruction Through AI Tools **Cynthia Martinez (R19)**	Unlocking Learning with Discovery Education's Sandbox AR **Paula Taylor, Yazmin Castillo (Discovery Ed)**	★ Ignite STEAM Learning With App Smashing **Justin Yepez (EPISD)**	My Journey: From Reggio Educator to Early Childhood STEAM Education Researcher! **Pratima Mehta (UTEP)**
12:10 PM - 1:10 PM	LUNCH and Drone DEMO and Visit Vendors				
BREAK OUT #3 1:20 PM - 2:05 PM	Accommodations for Students with Special Needs **Donna Day (EPISD - SPED)**	★ Building History: Hands-On STEAM for Social Studies **Andrea Aguirre (EPISD)**	★ STEAM Activities as Language Activities for English Learners **Adriane Geronimo (Midland ISD)**	★ The Alexander Equation and Dinosaur Behavior **Brian Gillis (Insights)**	Catching the Fake Face: Digital Media Literacy to Foster Digital Resilience **Sparna Chattergee, Sumanth Nandhikonda, and Rigesh Krishnaraj (NMSU)**
BREAK OUT #4 2:15 PM - 3:00 PM	Meet TecH_2O **Christopher Sanchez (TecH_2O)**	★ Embracing the Future: Transformative Technologies in Education **Cynthia Martinez (R19)**	Connecting Literacy and STEAM in the Early Childhood Classroom **Maria Casas, Amy Aviña (R19)**	Cyber Smarts: Essential Digital Safety for All Learners **Frank Nolasco, Nancy Cruz, Mike Saenz (R19)**	★ STEAM-E Data (E is for Electronic) **Dennis Johnson, Amanda Die (Studies Weekly)**
POSTER SESSION Ongoing	Future Ready STEAM Nights: A Collaborative Celebration @ Sand Heights **Anne Thomas, Yolanda Acuña (Escontrias STEAM Academy, SISD)** *Special Breakout Session (11:10 - 11:55)				
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