

STEAM
SCIENCE TECHNOLOGY ENGINEERING ARTS & MATH
CONFERENCE 2026

 ***STAR SESSIONS INDICATE GT HOUR CREDIT**

7:30 AM - 8:00 AM	Breakfast Served						
8:00 AM - 8:15 AM	Presentation of Colors, Welcome, and Introductions						
8:15 AM - 9:00 PM	Keynote Dr. Roehl at Rio Grande Room						
ROOMS	FEATURED RIO GRANDE	STEAM SUNSET	MATH TRANSMOUNTAIN	RLA/SS/ ART SKYVIEW	SCIENCE MISSION TRAIL	TECHNOLOGY SCENIC DRIVE	OTHER POPPY FIELDS LOBBY
BREAK OUT #1 9:15 AM - 10:10 AM	3 Dimensional STEM Design Challenges for Grades 3-8 Dr. Victor Sampson	Not Another Sit-and-Get: A Hands-On STREAM Station Experience Diane Flores and Bertie Lopez	Engineering Design as a Teaching Tool: Leveraging the EDP to Make Math & Science Come Alive Luis Loera	Storybook STEM: Designing Solutions Through Literacy Maria Velarde	Phenomena First: Transforming Science Instruction Through Exploration Cindy Apodaca	All Aboard the Padlet STEAM Express! Amy Leggat	From Great Fall to Great Design Barbie Avila
BREAK OUT #2 10:20 AM - 11:15 AM	TEA Presents: Developing an Engineering Design Challenge Michelle Sedberry	STEAM in Action: Building Innovative Classrooms for Tomorrow Justin Yepes	The Puzzler Bill Swanson Co-presenters: Myriam Marquez & Judith Cardona	Bits and Beats: Microbit Meets Music Class Julie Gonzalez	Unlocking Science: The Power of Exploration Monica Velarde	Code in Motion: Hands-On, Screen-Free Robotics for the Classroom Angela Meredith-Ridgeway and Casey Collins	Meet Tech20 Chris Sanchez
BREAK OUT #3 11:25 AM - 12:20 PM	Texas Mobile STEM Lab Design Challenge: The True Story of the Three Little Pigs (K-2) Michelle Sedberry	From Gaps to Gains: Smart Science Intervention Ashley Mathis and Courtney Williams	Talk It Out: Unlocking Math Understanding Through Language Routines and Discourse Alyssa Felix	Mission: Possible: A Builder's Guide to Escape Rooms Catherine Tabor	Science Moments That Matter: Using Simple Phenomena to Spark Student Thinking Jason McKinney (Los Lunas)	From Takeoff to Transition: Launching CoDrone EDU Obed Hernandez	From Great Fall to Great Design Barbie Avila
12:30 PM - 1:30 PM LUNCH, Visit Vendors							
BREAK OUT #4 1:30 PM - 2:25 PM	Empowering Students Through Heart-Centered Pedagogy Kien Lim	STEM in Action: Engaging Students with Math and Science Simulations Tiffany Christian Explore learning	The Google STEM Lab: AI & Computational Thinking in Action Maria "Sharo" Dickerson	From TEKS to TELPAS: Integrating the new ELPS and PLDs in Science and Social Studies Cynthia Martinez	Shaking in the Borderland: A Live Look at El Paso Seismology Veronica Carrillo	Byte-Sized TEKS: Hands-On Microbit Lessons for 3-5th Grade Classrooms Frank Nolasco	Modeling the Solar System Joye Smittick and Saul Rivera
BREAK OUT #5 2:25 PM - 3:30 PM	Phenomenon Driven Tasks: A New Way to Make Student Thinking About the Three Dimensions of Science Visible Dr. Victor Sampson	Picture this! Putting the MAKE in Makerspace: Using picture books to encourage student problem-solving Melissa Vega	Crunch, Interpret, Communicate: Building Real-World Data Skills in STEM Dennis Johnson	Power of Purposeful Science Instruction Ashley Mathis and Courtney Williams	Create and Demonstrate: Video Storytelling with Canva Karen Balbier and Arci Aguina	Canva Essentials Plus with a Twist of Canva Code Jesus Morales and Herman Seufert	Civics in STEAM Deena Slaman EPISD Iliana Gonzalez ESC19
3:30 PM - 4:00 PM Closing Door Prizes and Kit Distribution							