

2024 SD STEM Ed Conference February 1, 2, & 3, 2024 Saturday Schedule at a Glance

Room	Lobby	Exhibit Hall	Prairie A	Prairie B	Prairie C	Dakota A	Dakota B	Dakota C	Dakota E	Dakota F	Dakota G	Symposium	Salon 1	Salon 2		
7:00 AM	7:00 AM - 3:30 PM	Visit Exhibitors			SD PAEMST Breakfast											
8:00 - 8:50 AM	Registration	8:00 AM till Noon	Assessing Student Thinking through Context, Coherence, and the Questions In-Between Graham Fletcher	Math, Business, and The Farming Game Nathaniel Raak	What's that color? Larry Browning	Nerf Guns in Elementary Math/Science Julie Bruckner	Notetaking and Vertical Whiteboards: How Students Take Notes in a Thinking Classroom Annamarie Dobbs	Engaging Elementary Students' Scientific Evaluations Through Narrative Non-fiction Tim Klavon	Oglala Lakota College and the Little Shop of Physics - Our Hands-On Approach to Teaching Science Elem grades Cherie Bornhorst, Misty Brave, Jesse Pina, Julie Scheffel, Madi de Vries	STEAM/STEM in every classroom Sadia Risse	Integrating Engineering Teams in the Classroom Robert Dahlenburg	Tales from a Building Thinking Classroom - Year 2 Crystal McMachen, Shannon Bren	Mathigon: The Hottest Math Resource Since Desmos Mark Kreie	Build Strong Investigative Skills in STEM to Address a Significant Environmental Concern Amy Strong		
9:00 - 9:50 AM			Building Thinking Classrooms in Mathematics- Panel Discussion Stephanie Higdon	Getting into the Game: How Science Olympiad can give your students a chance to flourish in STEM John Williams, Nicole Melhaff	Measuring the Speed of Sound 3+ Ways Larry Browning	Leveraging Digital Tools for Reading and Writing in STEM Deann Kertzman	Using Math Talk to Foster Equity Bobson Wong	Don't Fret Those Geometric Sequences Dan Van Peurse	Oglala Lakota College and the Little Shop of Physics - Our Hands-On Approach to Teaching Science Pre-K-7 Cherie Bornhorst, Misty Brave, Jesse Pina, Julie Scheffel, Madi de Vries	NASA/IPAC Teacher Archive Research Program: getting teachers involved in authentic astronomical research. Spencer Cody	Open	Enhancing Learning with Belonging Nicol Reiner	K-8 Math Teachers: Desmos Classroom is for you! Mark Kreie	Soil Health Principles Anne Lewis, Jeff Zimprich		
10:00 - 10:50 AM			{ Lunch Set-up }					*** Waiting *** Ian Her Many Horses	Think Inside the Box Bobson Wong	Family Math: Something great Cindy Kroon	Formative Assessments That Work Julie Dahl	Healthy Kids 101: Building Blocks of Health Literacy Louisa Otto	Engineering is Elementary Pt 1- Designing the Storm-proof Building John Williams Possible, but TBD	Papua New Guinea - The dreams of STEM education Matt Miller	Target Based Grading in a High School Mathematics Classroom Mark Kreie	Ignite: Braiding Western STEM and Indigenous Ways of Knowing Anne Lewis
10:50 AM	Networking, Exhibitors & Posters															
Lunch	Hosted by SDCTM & SDSTA															
12:40 - 1:30 PM			{ Lunch tear down & room Set-up }					*** Waiting *** Ian Her Many Horses	Student Learning Made Visible: 360° Math Sean Kavanaugh	Meet Your Future Teachers Dan Van Peurse, Sharon Vestal and Matt Miller	Lift Off Space Training Rise Jongeling Make Your Slide Presentations More Engaging Sheila McQuade Nationwide Eclipse Ballooning Project Bree Oatman, Peggy Norris	Radiation Unveiled: Merging Pop Culture and Teaching Benjamin Benson, Chad Ronish	Engineering is Elementary- Pt. 2-- Building and Testing Storm-proof Buildings John Williams Possible; TBD	Apiaries in the Classroom: Educating South Dakota's Youth about Honey Production through Educational Beehives Spencer Cody	Open	MacroBlitz - Part I Anne Lewis
1:40 - 2:30 PM			Incorporating Equity Tasks into Everyday Math Classrooms Bobson Wong	Effective Talking Strategies: Enhancing Communication in Education Ashley Armstrong	Un-bee-lievable simulations that will have your students buzzing 🐝 Shalese Stroup	Full STEAM Ahead Lynne Jones	Using Algebra Tiles, from Multiplying Polynomials to Factoring and Completing the Square Laura Bain	All Aboard the SD Elementary Teacher STEM Initiative Sharon Vestal, Hannah Caffee	Food Totally Transfers Craig Rebich, Whitney Blindert	Predictions and Populations: starter kit for understanding Artificial Intelligence Benjamin Benson, Louisa Otto	Putting robots to good use-- a guided workshop to increase the educational impact of YOUR robot technology in STEM education John Williams	iLEARN Partners at Rosebud Larry Browning, Madhav Nepal	Developing Student Thinking Joy Lundgren, Ann Anderson, Michelle Wysuph, Lynn Arnold	MacroBlitz - Part 2 Anne Lewis		
2:40 - 3:30 PM			Spheros in the classroom (K-12) Bobbi Jo Bohnet	STEM in Secondary Grades? There's a Gizmo for that! Shalese Stroup	Health and Safety in the Classroom Lisa Weier	STEM Exploration, Kits for Your Classroom! Raegan Kleinpeter	Create an Environment to Support Independent Learners Laura Bain	Educational Opportunities with SD GFP and SDSU Extension and 4-H Joseph Salvati	Matt and Larry - the Errors Tour Larry Browning, Matt Miller	An Opportunity for Phenomena Nicol Reiner	Modeling in science-- using student-generated models to make thinking visible and track changes in understanding John Williams	Pole of Inaccessibility: Bringing Ocean Science to North America's Great Interior Spencer Cody	Science is human! Emily Berry	Math Unpacked Standards Terri Mehlhaff		
3:30 - 4:15 PM	7:00 AM - 3:30 PM Registration					Science wrap-up	Math wrap-up					SHARE the CLASSROOM Treasures can be found down this hallway. Check it out now as these become trash at 2:40.				
4:30 - 6:30			Conference Leadership meeting						Next Year's Conference will be February 6, 7, & 8, 2025							
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Order & pay for Conference swag (shirts, bags, cups &/or cap) in advance for no shipping charge when you pick-up your order at the conference. Available with SD STEM Ed, SDCTM or SDSTA logo. <https://tinyurl.com/SD-STEM-Ed-swag-2024>