2023 SD STEM Ed Conference — February 2, 3, 4, 2023

Saturday, February 4 — Schedule At A Glance

Room	7:00	8:00-8:50	9:00-9:50	10:00-10:50	10:50	11:30-12:30	12:40-1:30	1:40-2:30	2:40-3:30	3:40-4:15	4:30-6:30
Lobby	*Registration*	*7:00 AM - 3:30 PM*							*Registration*	*7:00 AM - 3:30 PM*	
Exhibit Hall	*Visit Exhibitors*	*8:00 AM - Noon*			Final Networking and Exhibitor Session						
Prairie A		{OPEN}	Affordable Data Collection Technology Larry Browning	{Lunch SETUP}		LUNCH - - - - Hosted by Presidents of SDSTA & SDCTM	{Setup - Tear Down}	Research Quest- FREE Online Investigations from NHMU Lynn Gutzwiller, Rachael Coleman	Utilizing Desmos to Enhance Your Curriculum Jenna Stephens, Michael Birkeland		SDCTM & SDSTA Officers and Conference Leadership meet to reflect & discuss current conference outcomes and strategize for upcoming event (s). Next year's Conference will be February 1, 2, & 3, 2024
Prairie B		Data Analysis on Swings in Baseball Robert Stack	History of Math Robert Stack				{Setup - Tear Down}	Computational Thinking: Why it's For Everyone Everywhere Rebecca Myers, Nicole Uhre-Balk	Epigenetics: Sanford PROMISE Resources for your classroom Benjamin Benson, Louisa Otto		
Prairie C	Breakfast for SD PAEMST State Level Finalists and Past Awardees Allen Hogie, Dr. Jennifer Fowler	Showcase Your Teaching Practice and Win Money (PAEMST) Allen Hogie, Dr. Jennifer Fowler	Application of Dairy Food - Based Science in Your Classroom Dr. Prafulla Salunke and Cheyenne Edmundson				{Setup - Tear Down}	The Ballad of Matt and Larry Continues Larry Browning, Matt Miller	American Chemical Society RAMP - How to Make Your Classroom Safe Matt Miller, Jaque Mann		
Dakota A		Hands-on STEM Activities for Elementary Teachers Leslie Sauder	Elementary Science Made Easy Marie Story	Utilizing Robots to Enhance Problem Solving Skills Rebecca Myers, Nicole Uhre Balk			Building Thinking Classrooms Sharon Rendon	The Do's & Don'ts of Student Teaching Mark Kreie	Area Model from Kindergarten to Calculus Sharon Rendon	Science Wrap-up and Reflect	
Dakota B		Exploring the Periodic Table with Electron Battleship Chad Ronish	Digging Deep for Discovery at America's Underground Science Laboratory Erin Woodward	Apiaries in Education Spencer Cody			Quarknet taking Physical Science to the Next Level Chad Ronish, Jing Liu	Convergence in the Elementary Classroom Merideth Wald	{ Open }		
Dakota C		Robotics for K-12 Teachers Astrid Northrup, PhD	Wind Power: A New Era of Energy Astrid Northrup, PhD	Enagaging All Students using Culturally Relevant Inquiry Based Teaching Practices Rochelle Darville, Ashley Armstrong			{OPEN}	Enhancing Learning with Belonging Nicol Reiner	{ Open }		
Dakota D		{OPEN}	Creating a STREAM Classroom Jan Martin	Life Skills for the Young Lakota/Dakota/Nakota Faith Holmes, Lora Catchs			Weaving Science into Other Disciplines at the Elementary Level Louisa Otto, Carly Logan	Dissection Resources for Classroom Use Steven Rokusek	Ipasi Summer Research Experience Bree Oatman, Alvin Dela Cerna, Kathryn Medina Carls		
Dakota E		Desmos Classroom Activities & Curriculum Mark Kreie	Desmos Classroom Teacher Dashboard Mark Kreie	Desmos Hangout Mark Kreie			Classrooms to Space Kristine Heinen	Teaching Grade-level Mathematics Standards to the Required Depth Stephanie Higdon	Chem for All! How to Get All of Your Students Talking Ally Bowers	Math Wrap-up and Reflect	
Dakota F		Using Phenomena in 3D Science to Engage Students and Make Learning Relevant Susan Arnette	Connections - Modeling in Mathematics and Science Nicol Reiner	Tropical Research Immersion, Bioinformatics, and Antibiotic Bioprospecting Beth Hunt, Dr. Michael Amolins			Planbook 101 Emily Graber	CO2 Underground: Soil Biology Respiration Anne Lewis, Bree Oatman	What the Badlands Fossils Tell Us Anne Lewis, Ed Welsh		
Dakota G		Integrating the Oceti Sakowin Essential Understandings into Your Teaching Bree Oatman	The X, Where Bad Things Happen: Avoid It or Own It. Dr. Timothy Masterlark, Dr. Scyller J. Borglum	How I Changed My Teaching and How it Changed My Students Christine Larson			3 Dimensional Lesson and ELA Integration Rachael Coleman, Lynn Gutzwiller	Using the Periodic Table to Identify Radioactive Decay Chains and Isotopes Chad Ronish	Technical College Math Nathaniel Raak, Scott Kortan		
Dakota H		Using Protocols to Integrate Writing Into a 3-Dimensional Science Lesson Rachael Coleman, Lynn Gutzwiller	Family Math 4: The Saga Continues (K-5) Cindy Kroon	Tales of the First Year Implementing BTC Crystal McMachen, Shannon Bren			Tales of the First Year Implementing BTC Crystal McMachen, Shannon Bren	Using Phenomenon to Leverage Student Curiosity (How Small Tweaks Can Pay Big Dividends) Julie Dahl, Ann Anderson	Glitter... Not My Thing. Raya Nagel		
Symposium			Getting Everyone Involved in Science: Expanding Accessibility and Engagement through Engineering John Williams (& Undergraduates)	How Classic Games Can Reinforce Math Skills Kari McRaith, Kelley O'Brien			Meet The Future Teachers Dan Van Peursem, Vestal, Miller	{ Open }	{ Open }		
Salon 1		{Setup - Tear Down}	STEAM: Materials, Metal Clay, and More! Katrina Donovan, Deborah Mitchell	STEAM: Materials, Metal Clay, and More! Katrina Donovan, Deborah Mitchell	{Setup - Tear Down}		The Opportunities You Take! Ann Anderson, Deann Kertzman	The 2023 Conference Committee would like to offer a Special Thanks to . . . All the conference participants who make all of our efforts worthwhile and without whom there would be no conference. All speakers for their dedication to the future of mathematics, science & STEM education. All exhibitors for their enthusiastic participation. The Huron Area Chamber of Commerce, The Huron Events Center & Crossroads Hotel for their help and generous hospitality.			
Salon 2	Share the Classroom Treasurers	{ Free Supplies from other Classrooms/Labs }		Help yourself as after 2:40, these Treasures turn to trash!!!							
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Prepared on: 1/29/2023