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

Friday, February 3 — Schedule At A Glance

Room	8:00	8:30-9:20	9:30-10:20	10:30-11:20	11:20	11:50-12:50	12:50	1:10-2:00	2:10-3:00	3:00	3:30-4:20	4:30-5:30	5:30	6:30 PM -
Lobby	*Registration 7:00 AM - 4:20 PM*										*Registration 7:00 AM - 4:20 PM*		SOCIAL	
Exhibit Hall	*Visit Exhibitors 8:00 AM - 5:00 PM*										*Visit Exhibitors 8:00 AM - 5:00 PM*			
Prairie A	Opening Session	The Value of Vertical Alignment Stephanie Higdon, Ashley Armstrong	Fourth Industrial Revolution Workforce: Are We Ready? Stephen Pruitt	{Lunch SETUP}	Networking, Exhibitors & Poster Session	LUNCH - - - - - Hosted by Presidents of SDSTA & SDCTM	Networking, Exhibitors & Poster Session	Global Education in the Science Classroom Kristen Gonsoir	Tropical Research Immersion, Bioinformatics, and Antibiotic Bioprospecting Beth Hunt, Dr. Michael Amolins	Networking and Exhibitors	Teaching Problem Solving to ALL Students Susan Arnette			Awards Banquet and Keynote Speaker - Pruitt - Battling Ignorance: 4 Words That Can Change the World My Students Need Me
Prairie B								ChatGPT and AI Chatbots: Navigating the Opportunities and Challenges of this Game-Changing Technology Nicloe Uhre-Balk	TENGs in Eggs Larry Browning, Steve Wignall {Zoom}		Building Safe Solar Viewers Larry Browning		**Thank you - Imagine Learning & Chet Riddle** Chet.Riddle@ImagineLearning.com ImagineLearning.com **for sponsoring our Happy Hour**	
Prairie C								What is Broadband? An Introduction into the World of Fiber Optics. Michael Benjamin	SD HOSA-Future Health Professionals; Helping Kids Explore Careers and Skills Related to Health Occupations Benjamin Benson, Brock Rops		Storylines: What Are They? Where to Find Them? and Are They Right for Me? Tiffany Kroeger			
Dakota A			Light Up the Night! Marie Steckelberg	SD - AAPT Business Meeting & Photo Contest James Stearns, Larry Browning, Darwin Daugaard				Empowering the Next Generation of Foodies Through the Science of Food Dr. Clifford Hall & Cheyenne Edmundson	Bringing Elementary Math to Life Using Drawing Board and Tools Maren Ehley		The Algorithmic Leader (inspired by Mike Walsh) Jodi DeHaven	SDCTM Business Meeting		
Dakota B			Superpower to Success: How to Unlock Your Leadership Potential Adam Mendler {Zoom}	Encouraging Thinking Beyond One Deann Kertzman				STEM Activities for People and the Planet Lynda Venhuizen	Promoting Productive Discourse Sharon Rendon		Building Thinking Classrooms Sharon Rendon			
Dakota C			Formative Assessments That Work Julie Dahl	SREB's Powerful Science Instructional Practices are Phenomenal Stephen Pruitt				SREB's Powerful Science Instructional Practices are Phenomenal Stephen Pruitt	Robotics for K-12 Teachers Astrid Northrup, PhD		Wind Power: A New Era of Energy Astrid Northrup, PhD			
Dakota D			{Setup Tear Down}	The Sanford Underground Research Facility: Place-Based STEM Identity in Practice Deb Wolf				{Setup Tear Down}	{Setup Tear Down}		{Setup Tear Down}			
Dakota E			Elementary Book on Math Robert Stack	Who Wants to be a Mathematician Robert Stack				The Math Playground Kevin Smith	Gizmos - Unleash The "Power of Doing" Toni Milleret		South Dakota Science Assessment - Summative, Interim, and Formative Tools Christina Booth	SDSTA Business Meeting		
Dakota F			The Struggle is Real! Erica Boomsma	Mission Mosquito Larvae Hunters Guide Cassie Soeffing				Making Middle School Math Come Alive with Manipulatives, Games and Activities Laura Bain	Using Algebra Tiles to Build Conceptual Understanding of Expressions and Equations Laura Bain		Engaging Students Through Invention Education/STEM Learning Strategies Across All Content Areas Kristin Thorsen & Hannah Hall			
Dakota G			Tutoring Adding And Subtracting Without Worksheets Maren Ehley	4 MINI Sessions in 1 (all related to STEM) Dressler, Hutshinson, Decker, DeJung				University and College Instructors: Engage Your Students with NSTA! Flavio Mendez {Zoom}	Funding Sources and Their Impact Kevin Militello		Citizen Science, Cell Phone Colorimetry and Chemistry of Milkweed Bree Oatman			
Dakota H														
Symposium			Ret-Poster Session Darwin Daugaard	Focused Observation in Math & Science Classrooms Nicol Reiner				What can the NSU E-Learning Center help you with? Ally Bowers, Mary Cundy	Demonstrations and Particulate Diagramming - Can We Increase Student Conceptual Understanding by Doing Both? Matt Miller, Carter Koons		Title: SD Science Olympiad Lauren Kress			
Salon 1			{Setup - Tear Down}	STEAM: Materials, Metal Clay, and More! {Limited to 20} Donovan & Mitchell	{Set up - Tear Down}		{Set up - Tear Down}	STEAM: Materials, Metal Clay, and More! {Limited to 20} Donovan & Mitchell	{Setup - Tear Down}					
Salon 2	**Share the Classroom Treasurers { Free Supplies from other Classrooms/Labs }**								**Help yourself as after 2:40PM on Saturday, these Treasures turn to trash!!!**					
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Prepared on:		1/19/2023												