2022 SD STEM Ed Conference — February 3, 4, 5, 2022

Saturday, February 5 — 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	3:30-4:15	4:30-6:30 PM
Lobby	Registration 7:00 AM - 3:30 PM						Registration 7:00 AM - 3:30 PM				
Exhibit Hall	Visit Exhibitors 8:00 AM - Noon										
Prairie A		Introducing the Challenger Learning Center of South Dakota! Come see what we' re all about! *Iverson & Clendenin*	Problem Solving in a Mathematically Literate Environment: Going Beyond Surface Level *Costello*	{Lunch SETUP}	Final Networking and Exhibitor Session	LUNCH - - - - - Hosted by Presidents of SDSTA & SDCTM	{Setup}	{OPEN}	{OPEN}		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 2, 3, & 4, 2023
Prairie B		The Importance of Counting and Place Value *Clayton*	Teaching Evolution with Technology *Bowers*				{Setup}	{OPEN}	{OPEN}		
Prairie C		Using an Area Model to Teach Multiplying, Factoring, and Dividing Polynomials *Comfort*	Using an Area Model to Teach Multiplying, Factoring, and Dividing Polynomials *Comfort*				{Setup}	STEM in the Elementary and Middle School Classroom *Sauder*	{OPEN}		
Dakota A		Get to Know Your Kidneys *Benson & Rokusek*	Research Experiences for Teachers: A Poster Session *Norris*	Using Science to Teach Grit *Otto & Benson*			CRISPR and Genome Editing: Where Do I Start? *Benson & Otto*	Science Demonstrations for Classroom Use *Rokusek*	{OPEN}	Science Wrap-up and Reflect	
Dakota B		Green Chemistry Certificate at SDSU *Miller, Jewell, Madsen & Raynie*	Best Practices in Teaching Mathematics Regional Math Circles- What are they and why should I attend? *Higdon*	The South Dakota Assessment System- Free, Focused, Formative Assessments and Teaching Resources *Higdon*			Family Math 3 (the Saga Continues) Grades K-2 *Kroon*	Family Math 3 (the Saga Continues) Grades 3-5 *Kroon*	{OPEN}		
Dakota C		Chaos Pendulum Make and Take *Browning*	Ignite: Launch into the Future Oceti Sakowin Integrated STEM Kits *Oatman & Heinen*	The Algorithmic Leader *DeHaven*			Augmented Reality and Learning *Miller & Hoogestraat*	Water Festival Videos and Assessment *Lebert, Miller & Browning*	CAPEs Across The States *Browning, Miller & Vestal*		
Dakota D		Mathematical Models - Does Color Matter? *Kertzman*	Super Fun Prototyping Spectacular: Design Thinking, Making, & Creative Problem Solving for STEM *Lande*	Empowering Learners through Voice and Choice *Myers*			Mathematical Models - Does Color Matter? *Kertzman*	Phenomenal Soil *Lewis & Olson*	Backwards by Design: Creating a Quality Lesson Plan *Myers*		
Dakota E		Applying Ambitious Science Teaching *Fowler*	Science in SD Using the NSTA Atlas *Fowler*	Showcase Your Teaching Practice and Win Money (PAEMST) *Hogie & Fowler*			Build A Bot and Watch It Go *Lape*	INVENT. CREATE. EXPLORE. *Lape*	STEM, Meet Design Thinking *Lape*	Math Wrap-up and Reflect	
Dakota F		Apiaries in the Classroom: Educating South Dakota's Youth about Honey Production through Educational Beehives *Cody*	Phenomenal Soil *Lewis & Olson*	Teaching Math with Card Games? Yes, You Can! *Clayton*			It's Electric, But It's So Much More Than That. *Ronish & Armstrong*	Dive into Summer Professional Development *Armstrong & Reiner*	Building Math Identity *Jackson*		
Dakota G		STEM Activities with Technology and Robots. *Erickson*	GIS in Your Classroom: Incorporate Mapping Activities with a Free Platform and Ready Made Lesson Plans *Erickson*	Meet The Future Teachers *Van Peursem, Vestal & Miller*			What's All the Buzz About Computer Science and Why Should I Care? *Erickson*	Data Literacy in the Real World *Erickson*	{OPEN}		
Dakota H											
Symposium		{OPEN}	Water Festival Videos and Assessment *Lebert, Miller & Browning*	Interactive Classroom Presentations *Armstrong, Katz & Graber*			Making Math Stick: Strategies to Support Understanding and Recall of Concepts *Costello*	Making Math Stick: Digging Deeper into Strategies to Support Understanding and Recall of Concepts *Costello*			
Salon 1	Breakfast for SD PAEMST State Level Finalists and Past Awardees *Hogie & Fowler*	* Clean-Up *									
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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