


2026 SD STEM Ed Conference			February 5, 6, & 7, 2026			Saturday Schedule at a Glance									
Room	Lobby	Exhibit Hall	Prairie A	Prairie B	Prairie C	Dakota A	Dakota B	Dakota C	Dakota D	Dakota E	Dakota F	Dakota G	Dakota H	Symposium	Salon
7:00 AM	7:00 AM - 3:30 PM	Visit Exhibitors			Breakfast for SD PAEMST State Level Finalists and Past Awardees Allen Hogle & Ann Anderson										
8:00 - 8:50 AM	Registration	8:00 AM till 3:00 PM	More Feedback, Less Grading  Katy Dornbos	Create  John Golden	Math that Builds: STEM Skills for Architecture, Engineering and Construction  Greg Schwebach	Take "OAIM" and Fire!: Inquiry Procedure Writing for Science Classes  Linda Stegemann	Math of SURF  Liz Pettit	Micro:Bits and Robotics Workshop  Laura Shumaker	Becoming a Leader in STEM Education  Mark Kreie	Exploring South Dakota K–8 Computer Science Standards: From Breakdown to Practice  Tina Belden, Hannah Caffee, Ben Benson & Nicole Uhre Balk	Teaching Ecosystems through Birding with Merlin ID: Place-Based Science that Builds Engagement through Technology-Enhanced Observations.  John Williams	ILEARN Project Outcomes and Classroom Innovations  Madhav Nepal & Team, Mara Johnson, Barb Wielenga, Larry Browning, Matt Miller, Srnivas Janaswamy, Jiyul Chang	Bringing The Prairie To Your Classroom: SD's New Grasslands Education Curriculum  Raghav Sriram Yogeewari, Daniel Cox	OPEN	"Fraction Frenzy & Math Mayhem: Dive into Frax & Gizmos!"  Shalese Stroup {Exhibitor}
			The Beauty & Fun of Graphs  Katy Dornbos	Math and Art  John Golden	STEM Outdoors: Exploring Environmental Science and Engineering  RunningHorse Livingston	 Litter Detectives:  Bree Oatman	We Blew a Fuse  Nathaniel Raak	Bath Bombs and Chemical Kinetics  Matt Miller	Making Math Count with MATHCOUNTS  Karin Lang & Krista May {Exhibitor}	Bringing Biomedical Research to the Classroom  Louisa Otto (repeat), Sanford PROMISE {Exhibitor}	Retro Tools to Rock the Science Classroom: 3 Top-Rate Simulation Tools from Yesteryear and How to Use Them to Support Science Learning Today  John Williams	**Mini-Session** Science Literacy: Building Vocabulary and Reading Skills in the Science Classroom Carrie Cox  Solar Water Pumping and Lights in a Bucket Henry Red Cloud & Gloria Reyes-Red Cloud  Generation Genius Discussion Sandra Shipley	Conscientious Conversations: the Bridge Between Science and Misunderstanding  Tyler Murphy	OPEN	Spark Wonder: Bring K–5 Science to Life with Gizmos & Science4Us!  Shalese Stroup {Exhibitor}
10:00 - 10:50 AM			Feeling the Consequences of Accuracy & Precision  Katy Dornbos	Family Math: Greatest Hits  Cindy Kroon	Teaching Science with Physical Models from 3D Molecular Designs  Andrew Sathoff & Georgie Kolbeck	Using Challenge Questions to Explore Student Learning  Linda Stegemann	Navigating the Challenges and Opportunities of AI in the Classroom  Amy Schander	Lunch  Stetup	Lunch  Setup	Target Based Grading in a High School Mathematics Classroom  Mark Kreie	Scarcity in Engineering: Using the Concept of Scarcity to Increase Critical Thinking in Engineering STEM Activities  John Williams	Lunch  Setup	Lunch  Setup	Ready, Set, Teach: All-in-One Science Resources from BIOZONE that Work!  Jill Netz-Fulkerson, Ph.D. {Exhibitor}	Gizmos in Action: Let's Make Science Seriously Fun!  Shalese Stroup {Exhibitor}
10:50 AM	Networking & Exhibitors														
Lunch								Lunch-Hosted by SDCTM & SDSTA							
12:40 - 1:30 PM			PHET Hacks for Student-Centered Science  Linda Stegemann	Research to Classrooms Using Milkweed  Anne Lewis, Carrie Olson-Manning & Bree Oatman	Launching the Lesson with Data Science  Nicole Goerges {Exhibitor}	Tracking, Let's Talk About It  Liz Pettit	Meet Your Future Teachers  Dan Van Peursem, Matt Miller & Sharon Vestal	Lunch  Cleanup	Lunch  Cleanup	Building Thinking Classrooms in Calculus  Christine Larson	Computational Thinking with and without Computer Science  Joy Lundgren & Michelle Wysuph	Lunch  Cleanup	Lunch  Cleanup	CLOSED	AI for Every Classroom: Real-World Skills & Student Agency Through the Design Thinking (previous AI users)  Jeff Schneider
1:40 - 2:30 PM			Meet PhET Studio: Interact Your Way  Linda Stegemann	OPEN	STEM With Meaning: Biomimicry Innovation in the Classroom  RunningHorse Livingston	OPEN	360° Big Screen Adventures!  Kristine Heinen (repeat) {Exhibitor}	Setup	Setup	Artificial Intelligence in the Biomedical Research Lab  Ben Benson & Louisa Otto {Exhibitor}	Radiation Shielding: A Hands-On Middle School Engineering Activity for Those Who Like to Build  John Williams	Edison Robots  Laura Shumaker	Elementary Science Sit Down  Nicole Mehlhaff (repeat)	CLOSED	Desmos 201: Using Desmos to Make Connections  Mark Kreie
2:40 - 3:30 PM	7:00 AM - 3:30 PM Registration					Discussion of Proposed SD K – 12 Math Standards  Sharon Vestal, Susan Gilkerson, Amy Schander, & other SDCTM Board members		More Demonstrations  Matt Miller & Larry Browning				Reserved	Reserved	CLOSED	
3:35 - 4:10 PM						Math wrap-up	Science wrap-up	Next Year's Conference will be February 4, 5, & 6, 2027					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															
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															2/2/2026