

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											7:00 AM		
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 (Exhibitor)	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, Srinivas 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	8:00 - 8:50 AM		
			The Beauty & Fun of Graphs Katy Dornbos	Math and Art John Golden	STEM Outdoors: Exploring Environmental Science and Engineering RunningHorse Livingston	Litter Detectives: Engaging Students in Searching for Microplastics Bree Oatman	We Blew a Fuse Nathaniel Raak	Bath Bombs and Chemical Kinetics Matt Miller	Making Math Count with MATHCOUNTS Karin Lang & Krista May	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)	9:00 - 9:50 AM		
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 (Exhibitor)	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)	10:00 - 10:50 AM		
10:50 AM	Networking & Exhibitors															10:50 AM		
Lunch	Lunch-Hosted by SDCTM & SDSTA															10:50 AM Lunch		
12:40 - 1:30 PM			PhET Hacks for Student-Centered Science Linda Stegemann (Exhibitor)	Research to Classrooms Using Milkweed Anne Lewis, Carrie Olson-Manning & Bree Oatman	Launching the Lesson with Data Science Nicole Goerges	Tracking, Let’s Talk About It Liz Pettit	Meet Your Future Teachers Dan Van Peurse, 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	12:40 - 1:30 PM		
			Meet PhET Studio: Interact Your Way Linda Stegemann (Exhibitor)	OPEN	STEM With Meaning: Biomimicry Innovation in the Classroom RunningHorse Livingston	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	1:40 - 2:30 PM			
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		2:40 - 3:30 PM		
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.		3:35 - 4:10 PM
4:30-6:30																		1/13/2026
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