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 Registration	Visit Exhibitors 8:00 AM till 3:00 PM			Breakfast for SD PAEMST State Level Finalists and Past Awardees Allen Hogie & Ann Anderson											7:00 AM
8:00 - 8:50 AM			**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 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 Yogeeswari, Daniel Cox		"Fraction Frenzy & Math Mayhem: Dive into Frax & Gizmos!" Shalese Stroup	8:00 - 8:50 AM
9:00 - 9:50 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		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**								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 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**		AI for Every Classroom: Real-World Skills & Student Agency Through the Design Thinking {previous AI users} Jeff Schneider	12:40 - 1:30 PM
1:40 - 2:30 PM			**Meet PhET Studio: Interact Your Way** **Linda Stegemann {Exhibitor}**	**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)		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**			2:40 - 3:30 PM
3:35 - 4:10 PM						**Math wrap-up**	**Science wrap-up**							**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						**Next Year's Conference will be February 4, 5, & 6, 2027**										
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