

| 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 PASEMST State Level Finalists and Past Awardees<br>Allen Hogue & Ann Anderson      |  |  |  |  |   |   |  |   |   |  |                  |  |  |   | 7:00 AM        |
| 8:00 - 8:50 AM             | Registration                   | 8:00 AM till 3:00 PM | More Feedback, Less Grading<br>Katy Dornbos                            | Create<br>John Golden   | Math that Builds: STEM Skills for Architecture, Engineering and Construction<br>Greg Schwabeck      | Take "OAIM" and Fire: Inquiry Procedure Writing for Science Classes<br>Linda Stegemann {Exhibitor} | Math of SURF<br>Liz Pettit   | Micro:Bits and Robotics Workshop<br>Laura Shumaker | Becoming a Leader in STEM Education<br>Mark Kreie                        | Exploring South Dakota K-8 Computer Science Standards: From Breakdown to Practice<br>Tina Belden, Hannah Coffee, Ben Benson & Nicole Uhr Balk | Teaching Ecosystems through Birding with Merlin ID: Place-Based Science that Builds Engagement through Technology-Enhanced Observations.<br>John Williams     | iLEARN Project Outcomes and Classroom Innovations<br>Madhav Nepal & Team, Mara Johnson, Barb Wielenga, Larry Browning, Matt Miller, Srivats Janaswamy, Jiyul Chang   | Bringing The Prairie To Your Classroom: SD's New Grasslands Education Curriculum<br>Raghav Sriram Yogeewari, Daniel Cox | OPEN  | "Fraction Frenzy & Math Mayhem: Dive into Frax & Gizmos!"<br>Shalese Stroup {Exhibitor}                                      | 8:00 - 8:50 AM   |  |  |   |                |
| 9:00 - 9:50 AM             |                                |                      | The Beauty & Fun of Graphs<br>Katy Dornbos                             | Math and Art<br>John Golden   | STEM Outdoors: Exploring Environmental Science and Engineering<br>RunningHorse Livingston           | Litter Detectives: Engaging Students in Searching for Microplastics<br>Bree Oatman                 | We Blew a Fuse<br>Nathaniel Raak   | Bath Bombs and Chemical Kinetics<br>Matt Miller    | Making Math Count with MATHCOUNTS<br>Karin Lang & Krista May {Exhibitor} | Bringing Biomedical Research to the Classroom<br>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<br>John Williams | **Mini-Session** Science Literacy: Building Vocabulary and Reading Skills in the Science Classroom<br>Carrie Cox<br>Solar Water Pumping and Lights in a Bucket<br>Henry Red Cloud & Gloria Reyes-Red Cloud<br>Generation Genius Discussion<br>Sandra Shipley | Conscientious Conversations: the Bridge Between Science and Misunderstanding<br>Tyler Murphy                            | OPEN  | Spark Wonder: Bring K-5 Science to Life with Gizmos & Science4Us!<br>Shalese Stroup {Exhibitor}                              | 9:00 - 9:50 AM   |  |  |   |                |
| 10:00 - 10:50 AM           |                                |                      | Feeling the Consequences of Accuracy & Precision<br>Katy Dornbos       | Family Math: Greatest Hits<br>Cindy Kroon   | Teaching Science with Physical Models from 3D Molecular Designs<br>Andrew Sathoff & Georgie Kolbeck | Using Challenge Questions to Explore Student Learning<br>Linda Stegemann {Exhibitor}               | Navigating the Challenges and Opportunities of AI in the Classroom<br>Amy Schander   | Lunch<br>Setup                                     | Lunch<br>Setup   | Target Based Grading in a High School Mathematics Classroom<br>Mark Kreie   | Scarcity in Engineering: Using the Concept of Scarcity to Increase Critical Thinking in Engineering STEM Activities<br>John Williams                          | Lunch<br>Setup   | Lunch<br>Setup  | Ready, Set, Teach: All-in-One Science Resources from BIOZONE that Work!<br>Jill Netz-Fulkerson, Ph.D. {Exhibitor} | Gizmos in Action: Let's Make Science Seriously Fun!<br>Shalese Stroup {Exhibitor}  | 10:00 - 10:50 AM |  |  |   |                |
| 10:50 AM                   | Networking & Exhibitors        |                      |  |   |   |  |  |  |  |   |   |  |   |   |  |                  |  |  |   | 10:50 AM       |
| Lunch                      |                                |                      |  |   |   |  |  |  |  |   |   |  |   |   |  |                  |  |  |   | Lunch          |
| 12:40 - 1:30 PM            |                                |                      | PhET Hacks for Student-Centered Science<br>Linda Stegemann {Exhibitor} | Research to Classrooms Using Milkweed<br>Anne Lewis, Carrie Olson-Manning & Bree Oatman | Launching the Lesson with Data Science<br>Nicole Goerges {Exhibitor}                                | Tracking, Let's Talk About It<br>Liz Pettit  | Meet Your Future Teachers<br>Dan Van Peursem, Matt Miller & Sharon Vestal  | Lunch<br>Cleanup                                   | Lunch<br>Cleanup   | Building Thinking Classrooms in Calculus<br>Christine Larson  | Computational Thinking with and without Computer Science<br>Joy Lundgren & Michelle Wysuph  | Lunch<br>Cleanup   | Lunch<br>Cleanup  | CLOSED  | AI for Every Classroom: Real-World Skills & Student Agency Through the Design Thinking (previous AI users)<br>Jeff Schneider | 12:40 - 1:30 PM  |  |  |   |                |
| 1:40 - 2:30 PM             |                                |                      | Meet PhET Studio: Interact Your Way<br>Linda Stegemann {Exhibitor}     | OPEN  | STEM With Meaning: Biomimicry Innovation in the Classroom<br>RunningHorse Livingston                | OPEN   | 360° Big Screen Adventures!<br>Kristine Heinen (repeat) {Exhibitor}  | Setup  | Setup  | Artificial Intelligence in the Biomedical Research Lab<br>Ben Benson & Louisa Otto {Exhibitor}  | Radiation Shielding: A Hands-On Middle School Engineering Activity for Those Who Like to Build<br>John Williams   | Edison Robots<br>Laura Shumaker  | Elementary Science Sit Down<br>Nicole Mehlhaff (repeat)   | CLOSED  | Desmos 201: Using Desmos to Make Connections<br>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<br>Sharon Vestal, Susan Gilkerson, Amy Schander, & other SDCTM Board members |  |  | More Demonstrations<br>Matt Miller & Larry Browning   |   |  | Reserved  | Reserved  | CLOSED   | 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                  |                                |                      |  |   |   |  |  |  |  |   |   |  |   |   |  |                  |  |  |   |                |
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Next Year's Conference will be February 4, 5, & 6, 2027