

2022 SD STEM Ed Conference

February 3, 4, 5, 2022

Schedule At A Glance

Room	8:00	8:30-9:20	9:30-10:20	10:30-11:20	11:20	11:50-12:50	12:50	1:10-2:00	2:10-3:00	3:00	3:30-4:20	4:30-5:30	5:30	6:30 PM -
Lobby	Registration 7:00 AM - 4:20 PM	Registration 7:00 AM - 4:20 PM	Registration 7:00 AM - 4:20 PM	Registration 7:00 AM - 4:20 PM	Registration 7:00 AM - 4:20 PM	Registration 7:00 AM - 4:20 PM	Registration 7:00 AM - 4:20 PM	Registration 7:00 AM - 4:20 PM	Registration 7:00 AM - 4:20 PM	Registration 7:00 AM - 4:20 PM	Registration 7:00 AM - 4:20 PM	Registration 7:00 AM - 4:20 PM	Registration 7:00 AM - 4:20 PM	Registration 7:00 AM - 4:20 PM
Exhibit Hall	Visit Exhibitors 8:00 AM - 5:00 PM	Visit Exhibitors 8:00 AM - 5:00 PM	Visit Exhibitors 8:00 AM - 5:00 PM	Visit Exhibitors 8:00 AM - 5:00 PM	Visit Exhibitors 8:00 AM - 5:00 PM	Visit Exhibitors 8:00 AM - 5:00 PM	Visit Exhibitors 8:00 AM - 5:00 PM	Visit Exhibitors 8:00 AM - 5:00 PM	Visit Exhibitors 8:00 AM - 5:00 PM	Visit Exhibitors 8:00 AM - 5:00 PM	Visit Exhibitors 8:00 AM - 5:00 PM	Visit Exhibitors 8:00 AM - 5:00 PM	Visit Exhibitors 8:00 AM - 5:00 PM	Visit Exhibitors 8:00 AM - 5:00 PM
Prairie A	Opening Session	{SETUP}	{OPEN}	{Lunch SETUP}	LUNCH ----- Hosted by Presidents of SDSTA & SDCTM	N e t w o r k i n g .	Making Math Stick: Strategies to Support Understanding and Recall of Concepts <i>Costello</i>	Making Math Stick: Digging Deeper into Strategies to Support Understanding and Recall of Concepts <i>Costello</i>	Problem Solving in a Mathematically Literate Environment: Going Beyond Surface Level <i>Costello</i>	SOCIAL	Problem Solving in a Mathematically Literate Environment: Going Beyond Surface Level <i>Costello</i>	4:30-5:30	5:30	6:30 PM -
Prairie B	{SETUP}	Teaching to Understand the World We Live In <i>Matthews</i>	Teaching to Understand the World We Live In <i>Matthews</i>	{OPEN}	N e t w o r k i n g .	Investigating Rangeland Systems and Practices: Enhancing Sustainable Agriculture Curriculum in South Dakota <i>Ehlerf, Bachler & Wood</i>	School Enrichment Through 4-H <i>Wood, Martinell & Koepke</i>	Think, Make, Create Mobile Lab <i>Wood</i>	Thank you - Aaron Cole and imaginethefutureoflearning.com	Thank you - Aaron Cole and imaginethefutureoflearning.com	Think, Make, Create Mobile Lab <i>Wood</i>	4:30-5:30	5:30	6:30 PM -
Prairie C	3D Learning for a World of 8 Billion <i>Verhulzen</i>	3D Learning for a World of 8 Billion <i>Verhulzen</i>	3D Learning for a World of 8 Billion <i>Verhulzen</i>	3D Learning for a World of 8 Billion <i>Verhulzen</i>	N e t w o r k i n g .	Hands-on Healthy Soil <i>Lewis</i>	Teacher Efficacy and Its Role in Student Identity <i>Bowers</i>	Building Math Identity <i>Jackson</i>	Thank you - Aaron Cole and imaginethefutureoflearning.com	Thank you - Aaron Cole and imaginethefutureoflearning.com	Building Math Identity <i>Jackson</i>	4:30-5:30	5:30	6:30 PM -
Dakota A	Refrigerator Math <i>Gilkerson</i>	Fun Math Routines for the Elementary Classroom <i>Smith</i>	Fun Math Routines for the Elementary Classroom <i>Smith</i>	Improving the Feedback Process <i>Smith</i>	N e t w o r k i n g .	Respecting Students as Young Mathematicians and Scientists <i>Matthews</i>	Improving the Feedback Process <i>Smith</i>	Teaching to Understand the World We Live In <i>Matthews</i>	Thank you - Aaron Cole and imaginethefutureoflearning.com	Thank you - Aaron Cole and imaginethefutureoflearning.com	Teaching to Understand the World We Live In <i>Matthews</i>	4:30-5:30	5:30	6:30 PM -
Dakota B	Shifting to Mastery - Competency Based Education Models <i>Kennedy</i>	Universal Design for Learning - Accessing Learning for ALL Students <i>Kennedy</i>	Universal Design for Learning - Accessing Learning for ALL Students <i>Kennedy</i>	{OPEN}	N e t w o r k i n g .	The South Dakota Assessment System- Free, Focused, Formative Assessments and Teaching Resources <i>Higdon</i>	What is the Buzz About Data Science? <i>Higdon</i>	{OPEN}	Thank you - Aaron Cole and imaginethefutureoflearning.com	Thank you - Aaron Cole and imaginethefutureoflearning.com	{OPEN}	4:30-5:30	5:30	6:30 PM -
Dakota C	The Essential Exponential - Al Barlett's Message to the Future <i>Browning</i>	Geometry: To the Moon! <i>Kuhlman</i>	Geometry: To the Moon! <i>Kuhlman</i>	Geometry: To the Moon! <i>Kuhlman</i>	N e t w o r k i n g .	Sound and Light, Part 1 <i>Norris</i>	Sound and Light, Part 2 <i>Norris</i>	{OPEN}	Thank you - Aaron Cole and imaginethefutureoflearning.com	Thank you - Aaron Cole and imaginethefutureoflearning.com	{OPEN}	4:30-5:30	5:30	6:30 PM -
Dakota D	Using Multiple Representations to Make Connections in Algebra <i>Jackson & Bain</i>	Using Multiple Representations to Make Connections in Algebra <i>Jackson & Bain</i>	Using Multiple Representations to Make Connections in Algebra <i>Jackson & Bain</i>	Patterns with Purpose: Using Multiple Representations to Make Connections in Linear Algebra <i>Bain & Jackson</i>	N e t w o r k i n g .	What is Wi-Fi? <i>Benjamin</i>	Patterns with Purpose: Using Multiple Representations to Make Connections in Linear Algebra <i>Bain & Jackson</i>	Teaching Evolution with Technology <i>Bowers</i>	Thank you - Aaron Cole and imaginethefutureoflearning.com	Thank you - Aaron Cole and imaginethefutureoflearning.com	Teaching Evolution with Technology <i>Bowers</i>	4:30-5:30	5:30	6:30 PM -
Dakota E	The Right Stuff: Advocating for Quality Instructional Materials <i>Dowding</i>	Super Fun Prototyping Spectacular: Design Thinking, Making, & Creative Problem Solving for STEM <i>Lande</i>	Super Fun Prototyping Spectacular: Design Thinking, Making, & Creative Problem Solving for STEM <i>Lande</i>	INVENT. CREATE. EXPLORE. <i>Lape</i>	N e t w o r k i n g .	STEM, Meet Design Thinking <i>Lape</i>	Build A Bot and Watch It Go <i>Lape</i>	Meet The Future Teachers <i>Van Peurseum, Vestal & Miller</i>	Thank you - Aaron Cole and imaginethefutureoflearning.com	Thank you - Aaron Cole and imaginethefutureoflearning.com	Meet The Future Teachers <i>Van Peurseum, Vestal & Miller</i>	4:30-5:30	5:30	6:30 PM -
Dakota F	Creating Engagement Using Phenomena <i>Ronish</i>	STEM Education and Afterschool Partnerships <i>Ronish</i>	STEM Education and Afterschool Partnerships <i>Ronish</i>	Now . . . Take my Microscope - Please! <i>Browning</i>	N e t w o r k i n g .	PhyPhoX: Phone Swinging for Pendulum Labs <i>Browning</i>	Putting Real World TE in STEM! <i>Ronish</i>	By Land or by Sea, Powered by the Wind <i>Ronish</i>	Thank you - Aaron Cole and imaginethefutureoflearning.com	Thank you - Aaron Cole and imaginethefutureoflearning.com	By Land or by Sea, Powered by the Wind <i>Ronish</i>	4:30-5:30	5:30	6:30 PM -
Dakota G	A Close Look at the South Dakota State Standards for Mathematics: Definition of Fraction <i>Jairam</i>	Creating Opportunities to Use the Standards for Mathematical Practice <i>Reiner</i>	Creating Opportunities to Use the Standards for Mathematical Practice <i>Reiner</i>	CRISPR and Genome Editing: Where Do I Start? <i>Benson & Otto</i>	N e t w o r k i n g .	Empowering Learners through Voice and Choice <i>Myers</i>	Stoichiometry and Equations <i>Daugaard</i>	SD - AAPT Business Meeting & Photo Contest <i>Stearns, Browning & Daugaard</i>	Thank you - Aaron Cole and imaginethefutureoflearning.com	Thank you - Aaron Cole and imaginethefutureoflearning.com	SD - AAPT Business Meeting & Photo Contest <i>Stearns, Browning & Daugaard</i>	4:30-5:30	5:30	6:30 PM -
Dakota H	GIS in Your Classroom: Incorporate Mapping Activities with a Free Platform and Ready Made Lesson Plans <i>Erickson</i>	{Setup}	{Setup}	Cardboard Winter Olympics: Let the Games Begin! <i>Steckelberg</i>	N e t w o r k i n g .	Cardboard Winter Olympics: Let the Games Begin! <i>Steckelberg</i>	{Setup}	Fractions of the Future <i>Clayton</i>	Thank you - Aaron Cole and imaginethefutureoflearning.com	Thank you - Aaron Cole and imaginethefutureoflearning.com	Fractions of the Future <i>Clayton</i>	4:30-5:30	5:30	6:30 PM -
Symposium														
Salon 1	STEAM: Materials, Metal Clay, and More! {Limited to 20}	STEAM: Materials, Metal Clay, and More! {Limited to 20}	STEAM: Materials, Metal Clay, and More! {Limited to 20}	STEAM: Materials, Metal Clay, and More! {Limited to 20}				{Setup - TearDown}			{Setup - TearDown}			
Salon 2	STEAM: Materials, Metal Clay, and More! {Limited to 20}	STEAM: Materials, Metal Clay, and More! {Limited to 20}	STEAM: Materials, Metal Clay, and More! {Limited to 20}	STEAM: Materials, Metal Clay, and More! {Limited to 20}				{Setup - TearDown}			{Setup - TearDown}			
Salon 2	Share the Classroom Treasures { Free Supplies from other Classrooms/Labs }													
Salon 2	Help yourself as after 2:40PM on Saturday, these Treasures turn to trash!!													
Prepared on	1/7/2022 12:41:16													