WVSTA 2024 Conference Session Matrix

Rooms (seating)	Friday 8:00-9:00am	Friday 9:15-10:15am	Friday 10:30-12:00	Friday 12:15-1:15	Friday 1:30-2:30pm (Includes 25 minute sessions)		Friday 2:45-3:45pm	Friday 4:00-5:00pm	Saturday 8:30-9:30am (Includes 25 minute sessions)		Saturday 9:45-10:45am	Saturday 11:00-12:00pm
Stonewall Ballroom 1 (50)	**Thinking in the Secondary Science Classroom** *Eades*	**Engaging Elementary Students 3-D Science Learning** *Eades & Thompson*	*Opening Session**	*Lunch Forums*	**The Clay Center: A STEAM Resource for Every Community** *Thornhill, Megan*		**A Solar Eclipse Study & Implications of the Technology for STEM Learning** *Kooken et al.*		**Elementary Share-A-Thon** *Revels et al.*		**Teaching Elementary School Physics with a metal Slinky® Toy** *Strong, Robert*	
Stonewall Ballroom 2 (110)		**National WWII STEM Innovations Lessons** *Bohrer & McClanahan*			**National WWII STEM Innovations Summer Teacher Workshop** *Bohrer & McClanahan*	**Science Resources from NAEP** *Baker, Vickie*	**Hands-On Wind Energy Lessons- What a Breeze!** *Yonkelowitz & Fonner*				**Observation Earth** *Shia, Jackie*	
Maple Room (35)	**Sweet Science: Using M&M's to Understand Photosynthesis and Cellular Respiration** *Barton, Teresa*	**From Atoms to Oceans: Modeling Properties of Water** *Arnholt, Mark*			**First Steps with Sense-making and Models** *Bisignano, Kip*		**Uncooking the Egg** *Arnholt, Mark*	**Neuron Signal Central, STEAM TAC** *Skorlinski & Sullivan*	**Rock and Fossil ID with WVGES** *Tudek & Rhenberg*		**Using Gizmos with Intention** *Lackey, Dustin*	**Bonding with Friends!** *Revels, Josh*
Pecan Room (75)	**Purposeful Tech Integration: Using EdTech to Enhance Science Learning** *Youngs, Sophie*	**It's Phenomenal! Using Real-World Connections to Support Three Dimensional Learning** *Ansell, Amanda*			**High Schoolers Engaging Elementary Students in STEM** *Trautwein et al.*		**How to Start a FIRST Robotics Team (FLL-E, FLL-C, FTC)** *Adkins & Crites*	**SOUNDS GOOD TO ME** *Lynch, Mark*	**Introduction to VEX Robotics Programs** *Holbrook, Ensign & Nyce*	**Take Flight with the Aerial Drone Comp.** *Holbrook, Ensign & Nyce*	**Are you Moody** *Grooms, Michelle*	**Unlocking Comprehension: Reading Strategies for the Science Classroom** *Youngs, Sophie*
Sutton Room (20)	**Tech Meets Science with Makey Makey and Micro:bits** *Carroll & Pace*	**WV Bridge Design and Build Contest** *Yang, Horng-Jyh*			**Problems with the Metric System (Pt.1)** *Strong, Robert*	**The Need for a Universal Metric System (Pt. 2)** *Strong, Robert*	**Bringing Electron Microscopy to any Classroom, Local or Remote** *Kuehn, Steve*	**Introducing… The Nature of Science and The Scientific Method** *Adams, Michele*	**Bioplastics in the Secondary Classroom** *Bennett, Megan*	**Embracing a Non-Traditional Teaching Background** *Backus, Ethan*	**Science is Lit!** *Thompson, Keisha*	**Going Beyond Kinetic and Gravitational Energy** *O'Leary, Vincent*
Tygart Room (20)	**CER: Wanna Fight About It?** *Craven & Juraschek*	**What Percent of the Earth Can Be Used to Produce Food** *McKay, Debbie*			**Go Global with Science!** *Pace, Tiffany*	**Monday Night Science** *Sams, Nathan*	**"I've Got This Kid…": How We Made A Village** *Moriarty & Gibson*	**Lift Learning: Exploring Levers with WVU Storybook STEM** *Gardner, McDonald, & Robertson-Honecker*	**Resources for Teaching Climate Science & Communications in WV Classrooms** *Fallon, Sandra*	**Resources for Teaching Climate Science & Communications in WV Classrooms** *Fallon, Sandra*	**Show me the Evidence!** *Lemon, & Crow*	
Summersville Room (20)	**Spectra-cular Science** *Willhoite, Zach*	**Teach Smarter, Not Harder: AI Tools for Science Educators** *Willhoite, Zach*			**Modeling in Science/STEAM: Showing Evolving Thinking** *Gibbs, Jason*		**Processes That Shape the Earth for Kids** *Cyr, Donna*	**EGeoS: Exploring Geosciences Solutions** *Hessl & Weislogel*	**A Science Showdown!** *Flood et al.*	**Forensics Share-A-Thon** *Flood et al.*	**Studying Motion Using Graphs** *Townsend, April*	**The Art of Whole Group Instruction** *Kincaid, Eric*
Potomac (20)	**Engaging Upward Bound Students in Atmospheric Physics** *Himmele, Gabriela*	**Math Matters in Blood Spatter** *Gibbs, Jason*			**Hosting a Community Science Night** *Adkins & Crites*		**Up and Move, Review** *Kincaid, Eric*	**Classroom Engagement Strategies** *Kincaid, Eric*	**Sparking Deeper Learning to Solve Real World Problems** *Gibbs, Jason*		**From Tears to Cheers: Integrating Technology & STEM in a Kindergarten Classroom** *Cain, Holly*	**Outdoor Learning Network** *Myers, Becca*
Greenbrier (20)		**Behavioral Activation Meets STEAM: Enhancing Student Mental Health** *McDaniel & Bane*			**Information on the Workshop: Science & Technology Applied to Radio Signals** *Makous, John*	**Unlocking Cyber Education: Introducing Cyber.org's Free K-12 Curriculum** *Amarasingham, Vathani*	**The Buzz About Beekeeping** *Davis, Karen*	**Launch Your Students' Imagination with the American Rocketry Challenge** *Ensign, Todd*	**Fundamentals of Forensics I** *Jefferys, Roger*		**Fundamentals of Forensics II** *Jefferys, Roger*	**Fundamentals of Forensics III** *Jefferys, Roger*
Lobby (Tours)**	**Stonewall Lake Kayak Trip** *Friday, October 24, 2024 – 8:00am-10:00am*				**Dr. Bob Behling 2nd Annual Memorial Geology Field Trip** *Friday, October 25, 2024 – 1:00pm-5:00pm*				**WV Save our Streams (SOS) StreamLab Water Quality Monitoring & Stream Ecology** *Saturday, October 26, 2024 8:00a.m.- Noon*			

*** Opening Session will be held in the Stonewall Ballrooms** ****All tours meet in the Lobby. Please arrive with a ticket 15 minutes before departure time.**