

# 2008 WVSTA Conference "All Things Great. . . and Small and Connected!" Concurrent Session Matrix

	Time	Salon A	Salon B	Salon C	Ballroom D	Wharf A	Wharf B	Waterfront A	Waterfront B	Riverfront Terrace	Time	
Friday	8:00-9:00	Science Education at WVU <i>All Areas</i> (General) Jeffery Carver, Randy Wiesenmayer, Patricia Obenauf and James Rye	Kit-Based Science for First Grade <i>Kit-based Science First Grade</i> (Elementary) Mary Lu Hutchins	Teaching Science Through the Fine Arts <i>Science and the Fine Arts</i> (Elementary) Angela McKeen, et. Al.	Inquiring Minds Want to Know <i>Earth Science</i> (Elementary) Kip Bisagnon and Kathy Armstrong	An Adventure in Distance Learning Through Simulations <i>Earth Science (Middle School)</i> Jackie Shia	Robotics for Educators <i>Robotics: STEM (Upper Elem. and Middle School)</i> Meri Cummings and Marcie Raol	Making Your Own Models for Biology <i>Class Biology</i> (High School) Joyce Kronberg	Kit Based Science for Sixth Grade Levers and Pulleys <i>Physical Science</i> (Middle School) Heidi Hohman	Science with Inquiry Modules and Problem-based Learning Experiences for Kindergarten Kit-based science for Kindergarten Nancy Holdsworth	8:00-9:00	
		Geospatial Understanding <i>Earth Science</i> (High School) James Rye, Rick Landenberger, Timothy Warner		Processing the Crime Scene <i>Science/Technology/Society</i> (Elementary) Katie McDilda, et. Al.	Collisions in One Dimension <i>Physics</i> (High School) Tonya Hancock			Service-learning <i>Science/Technology/Society</i> (General) Sherry Swint		9:15-10:15		
	9:15-10:15	College Students' Perception of Global Climate Change <i>Ecology/Environment</i> (General) Randall Wiesenmayer									9:15-10:15	
	10:30-11:30	Opening Session										10:30-11:30
	1:15-2:15	NABT--An Organization Devoted to <i>Biology</i> (Teaching Biology General) Barbara Heckert	Teach Epidemiology <i>Epidemiology</i> (Middle School) Mark Kaelin	Recruitment of Teachers/ Students for STEM Research <i>CATS</i> ( High School) Kevin Evans	Reading Writing, Arithmetic & Science <i>Physical Science</i> (Elementary) Kip Armstrong and Kathy Armstrong	Environmental Earth Science and GLOBE Protocols <i>Ecology/Environment</i> (High School) Richard Sharpe	Elementary Science: Science with Inquiry Modules and Problem-based Learning Experiences <i>Elementary Science</i> (SIMPLE) (Elementary) Marty Burke, Robin Anglin, Libby Strong and Robert Strong	NASA's Constellation Program <i>NASA</i> (General) Jess White	Do birds of a different feather flock together?: Utilizing case-based pedagogy to engage students in critical thinking Biology but pedagogy in all areas(High School) Sarah Dodson and Leslie Lovett	Elementary Science Kit-based Science 2nd Grade <i>Elementary Science Grade 2</i> (Elementary) Nancy Holdsworth	1:15-2:15	
2:30-3:30	Fun with Energy Education-An Introduction to Project NEED <i>CATS</i> General Linda Fonner and Wayne Yonkelowitz	Evolution Using Twinkies <i>Biology</i> (Middle School) Whitney Cox	Teacher's Guide... West Point Bridge Competition <i>Engineering</i> (Middle School) Katrina Andrews, et. Al.	Digital Microscopy <i>Digital Microscopy</i> (Middle and High School) Bryanne Penters	NASA Engineering Design Challenge <i>Physics</i> (Middle School) Todd Ensign	NASA Resources for the International Year of Astronomy Marcie Raol		Are You Worth It? Yes! <i>General</i> (General) Deb Hemler		2:30-3:30		
3:45-4:45	Teachers and Students as Field Geologists <i>Earth Science</i> (General) Mary Sue Burns and Christine Smith	Exploring Muscle Fatigue <i>Biology</i> (Middle School) Karen Mitchell and Marge Politz	Using Issues to Teach 21st Century Skills <i>21st Century Skills</i> (High School) Robin Stout and Nathan Alfred	FAQs from the WVDE <i>FAQ Information</i> (General) Robin Anglin and Marty Burke	Imagine and Discover Mars with NASA <i>Science/Technology/Society</i> (Elementary) Marcie Raol	Crime Scene Investigations <i>Forensic Science</i> (General) Mark Flood	Safety in High School Chem. (High School) Michelle Richards-Babb and Jennifer Robertson-Honecker	Would you like to host an online... course? <i>Earth Science</i> (College) Tony Devore		Inquiring with GIS (iGIS) Project <i>Ecology/Environment</i> Grades 7-12 Cassie Doty	Set Yours Sites to Save Your Time <i>Science/Technology/Society</i> (General) Catherine Morton-McSwain	3:45-4:45
8:30-9:30	WESTEST 2 Item Writing Workshop (General) Timothy Butcher	Mini Metric Olympics <i>Estimating Distance</i> (Middle School) Tami Wilt	Using the DLESE for 21st Cent. Projects <i>Earth Science</i> (High School) Stefan Smolski and Tiffany Litton	Forensic Sci. Boot Camp w/ Ward's Natural Sci. <i>Forensic Science</i> (Middle and High) Bryanne Penters	NASA CONNECT: Crash Testing Science 3..2..1..Crash! <i>Science/Technology/Society</i> (Middle School) Brian Hawkins	"Hands On" Anatomy, www.antomyinclay.com <i>Anatomy</i> (High School) Steve Kish	What's New on the Energy Front? <i>CATS</i> (General) Linda Fonner and Wayne Yonkelowitz	Water Quality Awareness: Programs and Tools for Science and Social Studies <i>Ecology/Environment</i> (Elementary, Middle, and High School) Kevin Stitzinger		Solar System- Interesting Facts and Stories <i>Astronomy</i> (General) Dave Kropp	8:30-9:30	
Saturday	9:45-10:45	Global Positioning Systems, Pedometers, and Nutrient Data: Investigations That Target Unifying Concepts, Energy, and Science-Math integration (Middle School) Jim Rye and Stefan Smolski	Plate Tectonics- Take a virtual journey <i>Earth Science</i> (Middle School) Melanie Ladd	Creating a Virtual Whiteboard with a Wiimote <i>Science/Technology/Society</i> (High School) Robert Lyons	SMART-Center Favorite Demos <i>Physical Science</i> (General) Robert Strong, Richard Pollack, Libby Strong	"Hands On" Anatomy, www.antomyinclay.com <i>Anatomy</i> (High School) Steve Kish	TI-Nspire CAS in the Science Classroom <i>Physical Science</i> (High School) Gregg Dodd	What's happening in Wood County? <i>CATS</i> (Middle School) Benjamin Horsch and Susan Sowards	When Worlds Collide <i>Science/Technology/Society(Pre and Inservice Elem. Teachers)</i> Bobbie Gelpi	9:45-10:45		
	11:00-12:00		The Learning Center at NSTA <i>Middle School</i> (Middle School) Kathy Jacquez, Kris Snyder and Mickie Richardson	My Next Hoizon <i>Science/Technology/Society</i> (High School) Carrie Calloway	Preparation for Banquet		NASA CONNECT: Good Stress <i>Biology</i> (Middle School) Brian Hawkins			The Zula Patrol's Exploration Station <i>Integrated Elementary Science</i> (Elementary) Melanie Ladd	11:00-12:00	
	Radio Science News in the Classroom <i>Science/Technology/Society</i> (General) hosted by Richard Pollack and Robert Strong will be in the Pushkar Boardroom / Internet Caf�e.											