

Track 1	Science
Track 2	Math
Track 3	Science Posse
Track 4	Professional Updates

Thursday, January 7, 2010

Registration 1 <sup>st</sup> floor Wold Physical Science Lobby								
10:45 pm – 12:45 pm								
12:45 pm – 1:45 pm	<b>Understanding Science: How Science Works</b> Teresa Strube and Claudia VanWie <i>Grade: 10-12</i> <b>Room 216</b>	<b>Building a Science Glossary for PAWS</b> Jim Verley <i>Grade: 4-12</i> <b>Room 119</b>	<b>Effective Practices in Math Education</b> David Gardner <i>Grade: All</i> <b>Room 103</b>	<b>Thinking Outside the Plane</b> Cyndi Moravek <i>Grade: 7-12</i> <b>Room 107</b>	<b>Recreational Math: Combining Online, Apps, and Hands-On</b> Lynne Ipina <i>Grade: All</i> <b>Room 106</b>	<b>Explore Space – NASA Resources for WY Teachers</b> Shawna McBride <i>Grade: All grades</i> <b>Room 117</b>	<b>Experiences in US and Relevancy to Bhutan</b> Jigme Tshering <i>Grade: All</i> <b>Room 209</b>	<b>Process Skills of Scientific Inquiry</b> Science Posse Megan Schnorenberg <i>Grade: All</i> <b>Room 214</b>
2:00 pm – 3:00 pm		<b>Science BOE Shar-a-Thon</b> Sharla Dowding <i>Grade: 9-12</i> <b>119</b>				<b>Hitch-Hiker's Thumb</b> Bob Zent <i>Grade: 7-9</i> <b>117</b>	<b>iTunes U in the Classroom</b> Brian Black <i>Grade: All</i> <b>209</b>	
3:15 pm – 4:15 pm	<b>Robot Wars</b> Susan Franklin <i>Grade: 7-12</i> <b>Room 103</b>	<b>NSF Pathways Project – Learning Progressions in Science</b> Robert Mayes <i>Grade: 7-12</i> <b>Room 119</b>	<b>“There’s an App for That!” – iPods in the Classroom</b> Jim and Holly Hoffman <i>Grade: All</i> <b>Room 111</b>	<b>Virtual Master’s Degree Program - Secondary Math Teachers</b> Ozlem Korkmaz <i>Grade: 7-12</i> <b>Room 107</b>	<b>The \$10,000 Presidential Award for Excellence</b> Elizabeth Horsch and Jeanne Spawn <i>Grade: All</i> <b>Room 109</b>	<b>The NBCT Impact on Student Learning</b> Theresa Williams <i>Grade: All</i> <b>Room 117</b>	<b>Youth Service Movement</b> Kelli Petrick <i>Grade: All</i> <b>Room 214</b>	<b>Who We Are and What We Do</b> Science Posse <i>Grade: All</i> <b>Room 209</b>
4:30 pm – 5:30 pm	Keynote: Gever Tulley, Tinkering School <b>Krampert Theater</b>							

## Friday, January 8, 2010

7:00 am – 8:30 am	Registration Wold Physical Science Lobby						
8:30 am - 9:30 am	<b>You + Denver Zoo + Your Students = A Learning Team</b> <i>Grade: All</i> Dawn Mazzagetti <b>Room 119</b>	<b>Addressing Science Standards through Nanotechnology</b> Nancy Healy and Joyce Palmer <i>Grade: 7-12</i> <b>Room 111</b>	<b>Imagine and Invent: Build a Great Future</b> Alan McCormack <i>Grade: All</i> <b>Room 103</b>	<b>Bringing the World Class Singapore Curriculum to the United States</b> Andy Clark <i>Grade: All</i> <b>Room 107</b>	<b>Skill-Building Math Games and Activities</b> David Gardner <i>Grade: All</i> <b>Room 216</b>	<b>Integrating Mathematics and Science Naturally and Meaningfully</b> Joe Stepan <i>Grade: 7-12</i> <b>Room 214</b>	<b>Teaching Scientific Methodology and Ecological Responsibility</b> Science Posse 8:30 – 10:00 <i>Grade: K-9</i> <b>Room 209</b>
9:45 am - 10:45 am	<b>Casper Mountain School, History and Potentials</b> Evert Brown and Carolyn Jacobs <i>Grade: All</i> <b>Room 119</b>		<b>MARS Bound: Designing a Mission to MARS</b> Tony Leavitt <i>Grade: 6-9</i> <b>Room 109</b>	<b>Developing New Ideas for Hands-on Curriculum</b> Gever Tulley <i>Grade: All</i> <b>Room 107</b>			<b>Walk in your Student's Shoes</b> Science Posse <i>Grade: All</i> <b>Room 209</b>
11:00 am – 12:15 pm	Lunch/Visit Vendors/Board Meetings						
12:30 pm – 1:30 pm	<b>The Nature of Learning and Inquiry</b> Lawrence Lowery <i>Grade: All</i> <b>Room 103</b>	<b>Beyond Field Teaching, Local Asset Mapping</b> Sylvia Parker and Joel Pontius <i>Grade: All</i> <b>Room 111</b>	<b>Light Me Up: Build a Classroom Windmill</b> Brenda Peterman <i>Grade: 7-12</i> <b>Room 109</b>	<b>Improving Quality of Experimental Design</b> Chad Sharpe and Jeneen Hill <i>Grade: 7-12</i> <b>Room 216</b>	<b>Integrating Mathematics, Science, and Technology</b> Larry Hatfield <i>Grade: 7-12</i> <b>Room 109</b>	<b>Comprehensive Approach to Improving Math Achievement</b> Wendy Phillips and Cathy McAtee <i>Grade: K-6</i> <b>Room 214</b>	<b>Feasibility of a Sustainable Lifestyle</b> 12:30-2:00 <i>Grade: 7-12</i> <b>Room 209</b>
1:45 pm – 2:45 pm				<b>Quantitative Reasoning for Ecological Literacy</b> Marjorie MacGregor <i>Grade: 6-12</i> <b>216</b>			<b>Podcasting with Garage Band</b> Brian Black <i>Grade: All</i> <b>Room 214</b>
3:00 pm – 4:00 pm	<b>Data Collection with Vernier LabQuest and Logger Pro Synced Videos</b> Roger Larson <i>Grade: 7-12</i> <b>Room 119</b>	<b>Enabling 21<sup>st</sup> Century Science Education</b> Jeff Arrigotti <i>Grade: 7-12</i> <b>Room 111</b>	<b>Inquiry-Based Science</b> Leslie Cook <i>Grade: All</i> <b>Room 109</b>	<b>Explore Space – NASA Resources for WY Teachers</b> Shawna McBride <i>Grade: All</i> <b>Room 117</b>	<b>Colorful Cosmos</b> Michele Wistisen <i>Grade: All</i> <b>Room 106</b>	<b>NSF Math TLC Project</b> Robert Mayes <i>Grade: 7-12</i> <b>Room 214</b>	<b>Using PAWS Assessment Descriptors and Content Limits</b> Bernie Schnorenberg <i>Grade: 4-12</i> <b>Room 216</b>
4:00 pm	Vendor Drawing – Must be present to win Wold Physical Science Lobby						