

Track 1	Science
Track 2	Math
Track 3	Science Posse
Track 4	General Education

Thursday, January 13, 2011

7-8am	<b>Registration</b> 1 <sup>st</sup> floor Wold Physical Science Lobby							
8-9am	Steve Spangler Key Note speaker Alley fine Arts Center Durham Hall							
9:15-10:30am	K-6 Explore! Marvel Moon"  Rod Kennedy PS 107	7-12 What's in a Fingerprint?  Jim Boal <b>PS 119</b>	All NASA in WY? Explore NASA resources for Wyoming Teachers  Shawna McBride PS 109	All Competitive Science Events  Jennifer Forrester PS 117	7-12 NSpiring Times  Darryl Marchand PS 222	All Hearts, Diamonds, Circles, Stars:  Jared Bowden PS 202	All The Science Posse, Who are Those Folks in Red Shirts and What do They Do?  Megan Schnorenberg, Jan Truchot, Kristin Flynt & Sarah Ramsey- Walters PS 209	
10:45-12:00	K-6 Ohh! Ahh! Awesome Science: Exploring Science through Children's Literature  Steve Spangler PS 103	All Casper Mt. Science School: Updates & Potentials  Evert Brown & Carolyn Jacobs PS 214	All Plate Tectonics & Wyoming  Terry Logue PS 216	K-6 Differentiated Activities in Measurement  Michelle T. Chamberlin & Megan D. Schnorenberg PS 111	7-12 The Role of Probability in Scientific Inference  Lauren Lucas, Margo Spurrier & Mauro Diaz PS 109	All But this is Home: Wyoming and the Energy State  Dr. Duane Keown PS 111		

12:00 - 1:00	<b>Lunch Served in Physical Science Lobby</b>							
1:00-2:15	7-12 Science of Leadership:  Steve Spangler PS 103	All Riparian Based Summer School in the Laramie Valley  Joel Pontius PS 119	7-12 Teaching Probability @ the Secondary Level  Özlem Korkmaz PS 109	All The Eight Standards for Mathematical Practices of the Common Core  Larry L. Hatfield & Lisa Ann Rice PS117	7-12 Using Exemplary Inquiry to Collect & Synthesize Data  Joseph Stepan PS 111	All What is New from TI?  Darryl Marchand PS 202		
2:30-3:45	All Using video Analysis in Scientific Investigations  Damian Paulson PS 107	All Science as a Verb: Using Inquiry to Monitor Wyoming's Streams  Kelli Petrick PS 214	All Examining the Developmental Progression of the Statistics Strand for the Common Core  Linda Hutchinson PS 222	All Teaching & Grading on the Tablet PC  Paul Marquard PS 216	7-12 Interdisciplinary Science & Mathematics  Robert Mayes PS 117	All The Presidential Award for Excellence in Mathematics & Science Teaching  Jeanne Spawn & Elizabeth Horsch PS 202	All Elluminate: The Cyber Science Posse Can Visit Your Classroom via the Internet  Lisa Kunza & Sam Singer PS 209	
4:00-5:00	<p>"Teaching Dinosaur" presented in Durham Hall</p> <p><b>Russell J. Hawley</b> Followed by</p> <p>Tate Museum open house &amp; book signing</p>							
5:30-6:30	<p>Open House hosted by the Science Zone 111 W Midwest (Basement of the Mossholder's Furniture Store) see invitation in your registration package</p>							

**Friday, January 14, 2011**

<p align="center"><b>Registration</b> <b>1<sup>st</sup> floor Wold Physical Science Lobby</b></p>							
7:00 am – 8:30 am							
8:00 - 9:15	<p>9-16 CPR: Revive Writing in the Science Classroom without Killing Yourself</p> <p><b>Sharla Dowding</b> PS 107</p>	<p>All Off The Grid: Teach Energy and Electricity by Building a Bike Generator</p> <p><b>London Dee Jenks</b> PS 119</p>	<p>9-12 Secondary-School Preparation for a Degree in Engineering</p> <p><b>Laurie Fletcher</b> PS 109</p>	<p>7-12 Forensics Case 14 : Hot Air, Cold Body: Using Newton's Law of Cooling to Determine Time of Death</p> <p><b>Donald Tunstall</b> PS 117</p>	<p>7-12 Exploring Areas on the Geoboard and Dot Paper</p> <p><b>Larry L. Hatfield &amp; Özlem Korkmaz</b> PS 111</p>	<p>All Who Says Animals Cannot Count? Live Animals</p> <p><b>Dawn Mazzagetti</b> PS 202</p>	<p>All Teaching &amp; Grading on the TabletPC</p> <p><b>Paul Marquard</b> PS 209</p>
9:30-10:45	<p>All Focus on the Future: Wyoming's Energy and Environmental Education</p> <p><b>Sarah Ramsey-Walters</b> PS 103</p>	<p>All Wyoming Society of College Science Teachers Town Hall Meeting</p> <p><b>Dr. Jason Katzman, Dr. Shawna McBride &amp; Dr. Tim Slater</b> PS 214</p>	<p>8-14 Data Collecting &amp; Modeling in the Classroom</p> <p><b>Kendall Jacobs</b> PS 216</p>	<p>7-12 How to Foster Conceptual Understanding in Teaching Probability</p> <p><b>Özlem Korkmaz</b> PS 111</p>	<p>7-16 Student Response Systems and Other 21<sup>st</sup> Century Technology Tools</p> <p><b>Sharla Dowding</b> PS 107</p>	<p>All Heart, Diamonds, Circles Stars...</p> <p><b>Jared Bowden</b> PS 222</p>	<p>All A Walk in your students' Shoes</p> <p><b>The Science Posse</b> PS 209</p>
10:50-12:05	<p>All Environmental Literacy Plan for Wyoming</p> <p><b>Annie Bergman &amp; Sue McGuire</b> PS 107</p>	<p>All Competitive Science Events: What kind of Difference Can the Classroom Teacher Make?</p> <p><b>Dr. Jennifer Forrester</b> PS 119</p>	<p>7-12 Enabling 21<sup>st</sup> Century Science Education</p> <p><b>Jeff Arrigotti</b> PS 109</p>	<p>7-12 Action Research in Mathematics Classroom: Math TLC Project</p> <p><b>Robert Mayes</b> PS 117</p>	<p>4-9 Sense Making &amp; Reasoning in Early Algebra</p> <p><b>Larry L. Hatfield &amp; Shashidhar Belbase</b> PS 202</p>		<p>All As the Rotor Turns</p> <p><b>Ashley Driscoll &amp; Samantha Suter</b> PS 209</p>
12:05-1:30							

<b>Lunch in Physical Science Lobby</b>							
1 : 3 0 - 2 : 4 5	7-12 Kinesthetic Astronomy: The Sky Time Lesson  <b>Sam Singer</b> PS 119	7-12 The Moon as a Time Keeper  <b>Michele Wistisen</b> PS 109	All Inquiry based Mathematics: Math Circle  <b>Kendall Jacobs</b> PS 222	7-12 Get iNSPIREd with the TI NSpire  <b>Becky Underwood            &amp; Becky Byer</b> PS 117	All "There's an App for that" Using iPods in the Classroom  <b>Jim Hoffman &amp;            Holly Hoffman</b> Ps 202	All INBRE-Active Biomedical Research in Wyoming  <b>Dr. Jason            Katzmann &amp; Dr.            R.Scott Seville</b> PS 107	All Subtle Shifts  <b>Science Posse            Fellows</b> PS 209
3 : 0 0 - 4 : 1 5	7-12 Let's Play with Earth  <b>Mark Steward</b> PS 103	All Methods of Teaching Science to Special Education Students  <b>Dr Clarissa Cole</b> PS 214	7-12 Investigating View Tubes: Integrated Model-building Experiences  <b>Larry Hatfield            Don Anderson</b> PS 216	7-12 Algebra NSpired: Increasing Student Ownership and Understanding  <b>Becky Underwood            &amp; Becky Byer</b> PS 117	7-12 Meaningful Mathematics through Data Collection and Analysis  <b>Brenda Peterman</b> PS 111	All "Flip It...Flip it Good." Using Mini Video Cams in the Classroom  <b>Jim Hoffman &amp;            Holly Hoffman</b> PS 202	All 5 Ways to make your instruction more relevant, Engaging, and Effective  <b>Sylvia Parker</b> PS 222
4:15-5:00	<b><u>Closing &amp; Door Prizes</u></b> Must be present to win						