

Concurrent Sessions - Friday

Time	Session	Room	Limit	Grades	Subject	Strand	Title	Presenters	Description
8:00-8:45		Ballroom A					(SC)2 Business Meeting		Please plan to attend the (SC)2 Business Meeting. Vendor Hall will not open until after the Business Meeting. No sessions will be held during this time.
9:00-10:15	200	Room 104	25-50	Elem., MS, High	Biology/Life Science	Content	Hands-On Science with Classroom Critters	Carolina Teaching Partner, Caroliona Biological	Bring excitement and interest into your science classroom by using live organisms! Participate in fun, simple hands-on activities with termites, isopods, and beetles. Free samples and care instructions are included.
9:00-10:45	218	Ballroom B	100	General	General	Technology, Pedagogy	Developing Presenter Techniques for Designing Presentations that Sing	John Fallon, John Fallon Presents	If you want to continue being a mediocre presenter---miss this session. If not, join John Fallon in this humorous, engaging and entertaining session to discover techniques that will move your next presentation to new levels.
9:00-10:45	210	Room 106	25-50	Middle, HS, College	Earth, Space, Physical	Content, Processes	Light, Spectroscopy, and Extrasolar Planets	Joe Carson, College of Charleston, Starr Jordan, Low Country Hall of Science and Math	Use the fascinating field of extrasolar planet research to teach students about light and spectroscopy! This session will be hands-on and lessons will be provided.
9:00-10:45	201	Ballroom A	50-100	Middle, High	Biology/Life, Chemistry, Physical	Content, Processes, Pedagogy	Presidential Awardee Best Practice Lessons	Linda Sinclair, Science Education Support LLC; Holy Sullivan, Lugoff-Elgin High School; Ashlee Davenport, Clinton High School; Melanie Longtin, Wren Middle School	The 2011 State Finalists in the Presidential Awards for Excellence in Science Teaching will present their award winning science lessons. Handouts galore!
9:00-9:45	212	Room 107	20-50	High	Biology/Life	Content	Powerful Portfolios	Jessica Pott, White Knoll High School; Lisa Rose, White Knoll High School	Make sure you assess all standards by using portfolios in your biology class!
9:00-9:45	202	Room 102	25-50	Middle, High	Physical	Content, Technology	REALLY EASY Physical Science using RED PROBEware Technology	Cynthia Kaminky, Science Kit	Learn how to integrate the RED units into your classroom/laboratory. Hands-on activities include buoyancy, friction, centripetal force, pressure in a column inquiry activity.
9:00-9:45	211	Room 105	25	Early Elem., Elem.	General	Content, Processes, Pedagogy	Energy-There is Nothing to Fear	Amy K. Threatt, S2TEM Centers SC; Rhett Nettles, S2TEM Centers SC	Come and dialogue about energy and how it is the cornerstone for all science concepts. We will explore various ways to effectively help children understand the big ideas of energy.
9:00-9:45	203	Room 103	25	Middle, High	Physical	Content, Processes, Pedagogy	Optics with Light and Color	Clarice Wenz, CPO Science	Study color mixing, image formation, reflection, refraction, polarization, thin lens formula and ray tracing with COP Optics with Light and Color. Our new Optics with Light and Color kit has been designed to offer students many hands-on opportunities to learn about color mixing with light and the fundamentals of basic optics.
9:00-10:45	213	Ballroom C	100	Elem., Middle, High	General	Processes, Pedagogy	High Performing High Poverty Science Classrooms in South Carolina	Gregory MacDougall, S2TEM Centers SC	This session will inquire into identifying best practices in high performing high poverty science classrooms in South Carolina.
10:00-10:45	216	Room 105	25-50	Middle, High	Chemistry, Physical	Content, Technology	Adventures in Density (Using Student-Made Hydrometers)	Al Lyerly, Newberry High School and ITEC, Newberry College	This safe, inexpensive, interactive activity explores the density of liquids using participant-constructed hydrometers. This engaging hands-on activity reveals density concepts through manipulation, observations, simple calculations and graphic interpolation.
10:00-10:45	214	Room 107	25	Early Elem, Elem.	General	Content, Processes	Mad Science-Workshops and In-School Field Trips	Stuart Smith, Mad Science; Sharon Smith, Mad Science	Fun hands-on workshops and in-school field trips for pre-school through sixth grade. Over 25 different topics to choose from. Mad Science is recognized as a worldwide leader in science enrichment programs.
10:00-10:45	207	Room 102	25-50	General	Earth, Space	Content, Technology	Storm Chasing-A Classroom Experience	Jim Hinton, Lexington 2 District Office	This session is designed to provide teachers with resources to enhance weather instruction including weather technology, resource speakers, live streaming video, and the opportunity to experience storm chasing first hand!
10:00-10:45	206	Room 103	25	Middle, High	Biology/Life Science	Content, Processes, Pedagogy	Crazy Traits	Clarice Wenz, CPO Science	Use a one-of-a-kind creature building system to explore the role that chance plays in an organism's heredity. Students use probability to build their own crazy creature and then study the resulting population by seeing how the parent creature's traits affect their offspring. Come see how this experience fosters and encourages higher level thinking: inquiry style.
11:00-12:00		Ballroom A/B			Keynote		You're Teaching Science?! Nerve Wracking Adventures in the Uncomfort Zone	Tom Favley	Join Tom for hands-on fun!
12:00-1:45	217	Room 106	20-50	General	General	Content, Pedagogy	Simplify your Science Teaching with FOCUS!	S2TEM Centers SC Science Specialists	Explore strategies for incorporating the ideas in Michael Schmoker's FOCUS with inquiry-based science teaching as you examine effective science lessons that promote student learning through reading, writing and discourse.
12:00-12:45	204	Room 104	25-50	Middle	Earth/Space Science	Content, Technology, Pedagogy	Fly Me to the Moon: Lunar Science for All!	Cynthia Hall, College of Charleston, Geology; Cassandra Runyon, College of Charleston, Geology; Elizabeth Joyner, SC Maritime Foundation; Community Integrated Services; Heather Meyer, College of Charleston, Geology	In this session, we present a three-part model for developing opportunities in lunar science education professional development that is replicable and sustainable and integrates NASA mission-derived data.
12:00-1:45	205	Room 103	25-50	Middle	Biology, Earth, Space, Physical	Content, Processes	Energy, Genetics, and Astronomy Inquiry Lessons for Middle School Students	Christine Lotter, University of South Carolina	Middle school teachers who participated in a USC Mathematics and Science Partnership funded Inquiry Summer Institute will present hands-on inquiry lessons addressing the energy, genetics, and astronomy standards.