

Workshops

1:00-4:00 Workshop T-01 Room 101

Cost: \$12.00
Limit: 20-50
Grades: Early Elementary
Subject: Environmental Science
Strand: Pedagogy

Project Learning Tree's New Early Childhood Curriculum and CD

Jerry Shrum, Project Learning Tree Coordinator
Dr. Cynthia Gardner, Lander University

Join us to learn how to extend your Early Childhood adventures using the “out-of-doors” with PLT’s new “Environmental Experiences for Early Childhood” curriculum and CD. (for PreK to 1st grade)

12:00-2:15 Workshop T-02 Room 102

Cost: \$5.00
Limit: 25
Grades: Elementary, Middle, High, College
Subject: Chemistry, Physical, Earth/Space, General
Strand: Content, Processes, Technology, Pedagogy

Model Rocketry: A Highly Motivational Teaching Tool

Dr. Ed Donovan, Professor University of SC Upstate
Sharon Donovan, St. Paul the Apostle Catholic School

This is an introduction to Model Rocketry concepts where teachers build and launch an Alpha II rocket. Newton’s Laws of Motion, forces, aerospace engineering and rocketry will be addressed.

3:00-4:45 Workshop T-03 Room 103

Cost: \$25.00
Limit: 25-50
Grades: Elementary, Middle School
Subject: Chemistry/Physical
Strand: Science/Content

Home and School Science Activities

Bernie Horvath

Effectively teach using inquiry to investigate proven physical science experiments that instill scientific investigation, literacy, making predictions and compare and contrast based upon everyday events. Receive 2 resource books, lesson plans and a materials packet.

10:00-10:45 Workshop T-04 Room 106

Cost: \$20.00

Limit: 25

Grades: Elementary, Middle

Subject: Chemistry, Environmental, General

Indigo in the Classroom

Don Poland, Academy for the Arts, Science, and Technology

Crystal Walter, Coastal Carolina University

Use Indigo as a science project (to dye with) or as a history lesson (importance in South Carolina history). Includes a kit to take back to class and use for 10-15 shirts.

9:00-10:45 Workshop T-05 Room 108

Cost: \$20.00

Limit: 25

Grades: General

Subject: Biology, Life, Earth, Space, Environmental

Strand: Content

Biogeography and Geology of South Carolina

Dr. John Wagner, Clemson University

This workshop presents a series of inquiry-based investigations into the distribution of rocks, minerals, plants and animals across South Carolina. Participants receive a set of maps and other classroom materials.

9:00-10:45 Workshop F-01 Room 101

Cost: \$20.00

Limit: 25

Grades: Middle, High, College

Subject: Biology, Chemistry, Physics, Earth/Space, Environmental, General

Strand: Content, Processes, Pedagogy

Teaching Science Concepts While Wearing Science Neckties!

Dr. Ed Donovan, Professor University of SC Upstate

Participants will learn how to teach and assess student science concepts knowledge by using “neckties” worn by the teacher during different science activities/lessons. Each teacher will receive a science necktie plus activity handouts.

12:00-1:45 Workshop F-02 Room 102

Cost: \$15.00

Limit: 25

Grades: Elementary, Middle

Subject: General, Physical

Strand: Content

Holiday Science

Starr Jordan, Lowcountry Hall of Science and Math

Denie Ravenel, Lowcountry Hall of Science and Math

Join us for engaging activities and demonstrations to perform during the holiday season.

Participants will receive a booklet of activities and materials to use in their classrooms.