



## Learn about Physical Science and Gateway Algebra at an Institute in Your Region

- Region 1 Carter, Claiborne, Cocke, Grainger, Greene, Hamblen, Hancock, Hawkins, Jefferson, Johnson, Sevier, Sullivan, Unicoi, Washington
- Region 2 Anderson, Blount, Campbell, Knox, Loudon, Morgan, Roane, Scott, Union
- Region 3 Bledsoe, Bradley, Grundy, Hamilton, Marion, McMinn, Meigs, Monroe, Polk, Rhea, Sequatchie
- Region 4 Clay, Cumberland, Fentress, Jackson, Macon, Overton, Pickett, Putnam, Smith, Sumner, Trousdale
- Region 5 Bedford, Cannon, Coffee, De Kalb, Franklin, Lincoln, Moore, Van Buren, Warren, White
- Region 6 Cheatham, Davidson, Dickson, Humphreys, Houston, Montgomery, Robertson, Stewart, Wilson
- Region 7 Giles, Hickman, Lawrence, Lewis, Marshall, Maury, Perry, Rutherford, Wayne, Williamson
- Region 8 Benton, Carroll, Chester, Crockett, Decatur, Dyer, Gibson, Hardin, Henderson, Henry, Lake, Madison, McNairy, Obion, Weakley
- Region 9 Fayette, Hardeman, Haywood, Lauderdale, Shelby, Tipton

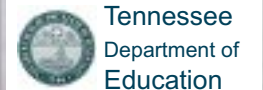
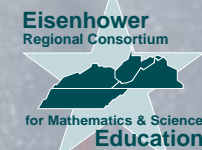


P.O. Box 1348  
Charleston, WV 25325

## A Summer Institute for Middle Grades and Secondary Teachers

### You Can Teach It, We Can Help: Physical Science and Gateway Algebra

AEL is an equal employment opportunity/affirmative action employer.



## About Summer Institutes

In summer institutes across the state, workshops will be tailored for mathematics teachers in grades

7-12 and science teachers in grades 5-9.

Beginning teachers of mathematics are especially encouraged to attend our math workshop, which will focus on

- Highlights from the Gateway Algebra training
- Tennessee standards and performance indicators for algebra
- Research-based instructional strategies
- Materials from the Foundations workshop

For science teachers, grades 5-9, the institute will address physical science, with a focus on

- Hands-on activities ready to use with students
- Experiments and demonstrations
- Materials correlated to the Tennessee science standards

In addition to the summer institutes, the Consortium at AEL is also making its Professional Development Cadre available for district-sponsored training events for a modest fee. Call the team leader for your region to set up trainings on

- using graphing calculators in the middle-grades mathematics classroom
- teaching physical science to middle-grades students
- implementing Tennessee's K-8 math and science standards
- using good classroom assessment techniques



## Dates and Locations of Regional Institutes

Region 1	June 27, 28 Indian Trail Middle School, Johnson City Rhona Cummings 423-439-7588, cummingr@etsu.edu
Region 2	June 8, 9 Pellissippi State Tech. Community College Jim Kelley 865-694-6695, jkelley@pstcc.edu
Region 3	June 14, 15 UT Chattanooga Deborah McAllister 423-425-5376, Deborah-McAllister@utc.edu
Region 4	June 1, 2 Cookeville High School Margaret Phelps 931-372-3791, mphelps@tntech.edu
Region 5	June 14, 15 Moore County High School, Lynchburg Paul Lee 615-898-5833, plee@physics.mtsu.edu
Region 6	June 28, 29 Clarksville High School Betty Phillips 931-645-2327, sciencenana@aol.com
Region 7	June 16, 17 Middle Tennessee State University Joan Clark Mann 615-896-7968, mannj@rcs.k12.tn.us
Region 8	July 7, 8 University of Tennessee at Martin Patty Flowers 731-881-7011, pflowers@utm.edu
Region 9	July 14, 15 Southwest Tennessee Community College Sandra Murrell 901-333-5249, smurrell@southwest.tn.edu

## Registration Form

Registration Deadline: May 16, 2005

Registration Fee: \$85.00 per person (no refunds)

Registration includes training materials, continental breakfast, lunch, and snacks for both days.

Make checks payable to AEL.

Return with check to: Angela Meaders  
AEL  
1700 N. Moore St., Suite 1030  
Arlington, VA 22209

Choose only one session to attend:

Mathematics  Science

\_\_\_\_\_  
Name

\_\_\_\_\_  
Region Number of Institute you will attend

\_\_\_\_\_  
Grade(s) You Teach

\_\_\_\_\_  
School and District Name

\_\_\_\_\_  
Home Address (necessary for registration confirmation notices)

\_\_\_\_\_  
City, State, Zip Code

\_\_\_\_\_  
Home Area Code and Phone Number

\_\_\_\_\_  
E-mail Address

For further information, call your local institute leader or contact Barbara Hicks at 800-624-9120, ext. 2266, or hicksba@ael.org.