

## 2010 SCIENCE FAIR INFORMATION

**Science Fair Date: Saturday, February 6, 2010**

**Location:** Pellissippi State Community College, 10915 Hardin Valley Road, Knoxville. Science Fair in the Goins Building

**Driving Instructions:** Driving east on I-40, take Exit 376, Driving west on I-40, take Exit 376A, State Hwy.162 (Pellissippi Parkway) toward Oak Ridge. Take Hardin Valley Road Exit and follow signs to the college. Turn right at the first road after the underpass (Solway Road). Turn left into the Pellissippi State entrance. Turn right at the first stop sign. The Goins Building is on the left.

**Map:** to see a map go to: [www.pstcc.edu/maps/map-pellissippi-locate.gif](http://www.pstcc.edu/maps/map-pellissippi-locate.gif)

**Rules and Judging Criteria:** The SMHEA Science Fair adheres to International Science and Engineering Fair rules and available online at [www.sasef.com](http://www.sasef.com). There is a link to info for TEACHERS at the site above.

**Middle and High School students must check website BEFORE beginning research for important forms and rules.**

**What to Do:** Prepare a tri-fold poster showing your science study. Tri-folds are available at P&S School Supply Store, Wal-Mart, etc., or can be made from a box or plywood. Elementary Students may do: 1) an investigation (example: how we hear), 2) a collection (example: plants of my backyard), or 3) a research project using the scientific method. Here's a very simple example--- Observation: Grass doesn't grow under drain spout; Hypothesis: Too much water kills grass. Procedure: Prepare three pots of soil, plant grass seeds, add varying amounts of water to each pot over time, (5, 10, or 20 ounces). Results: Grass watered 20 ounces does not grow. Conclusion: Grass will not grow if given too much water (20 or more ounces). There are many web sites and books available with more examples of projects. Middle and high school students **must** do a research project, prepare an abstract of their project, and write a research report. Middle and high school winners will advance to the regional Southern Appalachian Science and Engineering Fair in March. You may access regional science fair information at [www.sasef.com](http://www.sasef.com)

**Entry Categories:** Individual Entries: (grades) K – 2, early elementary (noncompetitive), award given to all entrants; 3 - 5 late elementary, 6 – 8 middle school, 9 - 12 high school. II. Team Entries (2 or more members in the same category - members do not have to be related) K - 2 early elementary (noncompetitive), 3 - 5 late elementary, 6 - 8 middle school, 9 - 12 high school.

**Awards:** All contestants get a certificate and encouragement from the judges. I. All Grades K - 2 participants will receive a gift award. II. All other categories will receive the following awards: First Place – Trophy, Second Place – Ribbon, Third Place – Ribbon, Honorable Mention – Ribbon.

**More Information and to Volunteer:** We need help with refreshments for the judges, choosing awards, set-up on Friday night, registration Saturday morning, and publicity; if you can help please e-mail the science fair volunteers at [smheapres@gmail.com](mailto:smheapres@gmail.com).