

2010 Montgomery County Science Fair K-5: Quick Facts

April 15 – 16, 2010 at Austin Peay State University

Fair Schedule:

- Thursday, April 15, 2010: 3:00 pm – 6:00 pm Project Set-up in Memorial Health Gym at APSU
- Friday, April 16, 2010: 3:00 pm – 6:00 pm Public Viewing of Projects in Memorial Health Gym
 6:30 pm Awards Ceremony in Dunn Center Gym at APSU
 6:00 pm – 8:00 pm Projects to be Picked Up in Memorial Health Gym

Project Rules and Information:

- Projects should be on a 3-sided poster board with the following dimensions: 36 inches wide X 48 inches high
- The following components are required for all projects:
 - **Title** – This should be an attention getter on the top of the project.
 - **Purpose** – The purpose of the project must be stated in measurable terms.
 - **Materials** – Include a list of all resources used.
 - **Procedure** – This is a step-by-step report of what was done for the project.
 - **Results/Data** – What did the students observe during the experiment? (graph – optional)
 - **Conclusions** – This is the answer to the purpose based on the results of the project.
- There is a 12 inch by 22 inch space available in front of each project to display lab notebooks, picture books; etc.
- **NO human food, animal food, soil samples, waste materials, animal specimens, plant specimens, laboratory chemicals, or household chemicals (including water) can be displayed with the project, even if sealed tightly.** If projects contain any of these items they will be removed by the Director prior to judging.
- Cover all faces of individuals in photographs displayed on/with the project board.
- If the project uses **human subjects** you must fill out a form and receive permission from the Institutional Review Board **before experimentation begins!**
- If the project uses **disease causing agents (pathogens) or non-human vertebrate animals** you must fill out a form and receive permission from the Scientific Review Committee **before experimentation begins!**

Project Judging and Awards:

The projects competing in the county-wide science fair will be judged by APSU faculty. The basic components being judged are explained below.

- **Scientific Thought:** The scientific method should be followed in the investigation of the project. The purpose should be stated in measurable terms. Steps of the experiment and all data collected should be clearly stated and displayed. Lab notebooks, graphs, tables, charts, and pictures are useful, but not required. Experiments should be repeated multiple times to collect adequate data. Conclusions to the purpose of the project should be clear and concise.
- **Communication:** Everything written on the project board should be neat and large enough to easily be read from a distance of 2-3 feet away. Proper punctuation and correct spelling should be observed. The project board should be visually pleasing. The use of color is helpful.
- **Originality:** How unique is the project topic, experimental procedure, data collection, or project display?

Each student who earns the opportunity to participate in the county-wide fair receives a participation medal and t-shirt.

All winners in each grade category (K – 5) will receive the following prizes (compliments of the Clarksville Department of Electricity): 1st place = \$100 savings bond; 2nd place = \$75 savings bond; 3rd place = \$50 savings bond

The school with the most winning points will receive a school trophy!

Additional Information: Contact the Director: **Dr. Lisa Sullivan** sullivanl@apsu.edu **931-221-6148**
 Visit the Website: <http://www.apsu.edu/robertsonr/sciencefair/mcsciencefair.htm>