

Teachers: Please give this information to your students regarding the 2011-2012 County Science Fair.

(Use this space for your School Fair information)

2011-2012 County Science Fair Meadowbrook Mall

Friday, October 28, 2011 – Project Set-up 3:00pm-6:00-pm

Saturday, October 29, 2011 – Judging of Projects 9:00am-11:30am
Awards Ceremony 1:00pm
Removal of Projects: 2:00pm-2:30pm

Science Project Categories

Division I (Grades 4-5)

Chemistry & Biochemistry
Earth & Space Science
Life Science
Medicine & Health
Physical Science

Division II (Grades 6-8)

Behavior & Social Sciences
Botany & Zoology
Chemistry & Biochemistry
Earth & Space Science
Energy & Engineering
Medicine, Health & Microbiology
Physics, Math & Computer

Division III (Grades 9-12)

Behavior & Social Sciences
Botany & Zoology
Chemistry & Biochemistry
Earth & Space Science
Energy & Engineering
Medicine, Health, & Microbiology
Physics, Math & Computer

Rules for Science Fair Projects

- (1) Your name cannot be on your project or abstract.
- (2) Your school name cannot be on your project or abstract.
- (3) An abstract must be with your project.
- (4) Display size cannot exceed 36” side to side, 30” front to back, 48” high.
- (5) Dangerous chemicals, open flames, explosives, live animals, etc will not be allowed.
- (6) Scoring will be based on actual work completed by the student not solely on the display.
- (7) Students will remove their projects after the awards ceremony.
(ANY PROJECT LEFT BEHIND WILL BE DISCARDED.)

The Scientific Method: A Way to Solve a Problem

- (1) Identify a Problem: State the problem in question form. Use this question as your title or theme.
- (2) Form a Hypothesis: Collect known facts relating to the question. Make an educated guess to answer the question.
- (3) Experiment, Observation, or Survey: Test the hypothesis.
- (4) Results: Collect data and record in an orderly form. Use pictures, charts, graphs, photographs, displays, etc. to show results.
- (5) Conclusion: Summarize the experiment. Describe what was expected to happen and what actually happened.

(See back for additional information)

Science Project Score Card

I. Abstract (30 Points)

1. Question is clearly stated (5)
2. Hypothesis is clearly stated & answers the question (5)
3. Experiment is explained & tests the hypothesis (5)
4. Results are shown in an easily understood way like a chart, list, graph, (5)
5. Conclusion stated - proves or disproves hypothesis (5)
6. Adequate data to support the conclusion (5)

II. Presentation Style (15 points)

1. Eye Contact (3)
2. Poise (Body Language) (5)
3. Within three-five minute limit (2)
4. Articulation (5)

III. Display (Traditional or Electronic) (20 points)

1. Data arranged coherently & is self-explanatory (10)
2. Organized, neat and grammatically correct (5)
3. Additional items used to support the project. (5)

IV. Depth of Knowledge (35 points)

1. Shows a depth of understanding (15)
2. Well organized (10)
3. Questions answered well (10)