

## Reporting Your Work

All science fair exhibits are displayed on a tri-fold display board. Projects simply need to demonstrate how the scientific method was used to answer the research question.

### 1. Identify a problem

Ask a question about something you observe:  
How, what, when, who, which, why, where?

### 2. Gather information about the problem

Use the library and/or internet to research the best way to answer your question through research & experimentation.

### 3. Make a hypothesis

Hypothesis: an educated guess about how things work.

### 4. Test the hypothesis

Identify independent & dependent variables.  
Complete your experiment.

### 5. Analyze the results

Analyze the data collected during the experiment to determine if your hypothesis was correct or incorrect.

### 6. Draw conclusions

Was your hypothesis correct or incorrect?

## Entering the Franklin Science & Technology Fair is easy!

Visit [www.franklinscience.org](http://www.franklinscience.org)  
Click on the "entry form" link then "click here to register." Fill out the registration form and click submit when finished.

## Sponsors & Donors

American Chemical Society  
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Stoner's Hijos Hill Inc.  
Tuscarora Wildlife Education Project (TWEP)  
Waste Management  
Wilson College  
Anonymous Science Fair Enthusiasts

## 32nd Annual Franklin Science Fair

### 2014 Fair Information



Friday, April 4, 2014  
Saturday, April 5, 2014

Championship  
Competition:  
Saturday April 12th

Chambersburg Area  
Middle School South

All the information you  
need to get started on a  
winning project!

[www.franklinscience.org](http://www.franklinscience.org)

## Divisions

Projects are judged in four different categories. Your exhibit is automatically entered into the division that corresponds to your grade level in

<b>Primary</b>	Grades K-3
<b>Intermediate</b>	Grades 4-6
<b>Junior</b>	Grades 7-8
<b>Senior</b>	Grades 9-12

## Project Categories

### Primary, Intermediate, Junior

Earth Science, Life Science, Physical Science, Partnered (Junior division only)

### Senior

Behavioral & Social Sciences, Biochemistry, Botany, Chemistry, Computer Science, Earth & Space Sciences, Engineering, Environmental Science, Gerontology, Mathematics, Medicine & Health, Microbiology, Physics, Zoology, Partnered\*

\*Partnered exhibits are not eligible for most special awards, Champion, or Grand Champion.

## Saturday Contest

Held on Saturday, April 5, open to all divisions.

Students wishing to participate in the contest must pre-register on the Franklin Science Fair Website.

## Championship Competition:

Held on Saturday, April 12 at the Chambersburg Administration Building, open to Junior and Senior division winners. Champion and Grand Champion will be "crowned" at this event. Plaques and Monetary awards are given.

Visit the Franklin Science Fair Website for a full description of project categories, helpful information, and much more!

[www.franklinscience.org](http://www.franklinscience.org)

## Special Awards

Based on currently available information from 2013 and 2014 sponsors, we typically have the following special awards:

### American Chemical Society

Cash awards (\$150, \$100, \$50) to chemistry-related projects in the junior or senior division.

### Chambersburg Dental Associates

Cash award (\$50) to the project that best presents the importance of caring for teeth and oral hygiene.

### Conococheague Audubon Society

Cash award up to four \$50 prizes (nominally one each in elementary, intermediate, junior, and senior categories) for an exhibit related to birds, mammals, the environment, or other biological field research.

### Cumberland Valley Amateur Radio Club

Cash awards (4, \$50) to projects in the intermediate, junior or senior division that best explore some aspect of the physics of radio communication.

### Cumberland Valley Family Physicians

Cash award (\$250) to a health and medicine project in the junior or senior division.

### Evening Kiwanis Club

Cash awards (2, \$50) to an exemplary project (one primary/intermediate; one junior/senior) in life or Earth science.

### Franklin County Medical Alliance Society

Cash award (\$100) to a junior division female student's exemplary project in medicine and public health.

### Letterkenny Army Depot

Savings bonds (\$100, \$75, \$50) exemplary projects addressing energy and environmental science in all divisions.

### Mack Truck (Volvo Powertrain)

Cash Award (\$50) for transportation-related exhibits in all divisions.

### Penn State Mont Alto

Certificate to an exhibit in each division that best exemplifies creativity using the scientific method.

### Tuscarora Wildlife Education Project

Cash award (\$100) for an exemplary environmental/wildlife project.

### Wilson College

Cash award (\$50 each) to girls in the junior division whose work most clearly demonstrates the use of the scientific method in problem solving.

### Valley Quarries

Cash award (\$250) to a geology project in the junior or senior division.

## 2014 Fair Timeline & Schedule

**Select a project topic & start investigating NOW!!!!!!**

### Help Sessions

Open to all students. Ask questions and receive help from a science teacher! 5:30 to 6:30pm, CASD Administration Building February 11th and March 11th

### Online Entry deadline

Friday, March 14th, 2014 at 11:59 pm

### Exhibit registration & set-up

Friday, April 4, 2014 from 4:00–6:00 pm at Chambersburg Area Middle School South

### Judging

Begins Friday, April 4, 2014 at 6:00 pm  
All exhibitors, family members, and friends must be out of the hall by 6:00 pm.

### Public Viewing of Exhibit Hall

Saturday, April 5: 12:00 noon–4:00 pm

### Awards Ceremony

Saturday, April 5: 4:00 pm  
All exhibitors should plan to attend. Note: Champion and Grand Champion will be chosen on April 12 at the Championship Competition event.

### Contest

Test your scientific reasoning & problem solving skills while having fun at the same time! All contests are on Saturday, April 5  
Primary Division—12:15-1:00 pm  
Intermediate Division—1:00-1:45  
Junior/Senior Division—2:00-2:45

### Exhibit Removal

Projects can be picked up following the awards ceremony on Saturday, April 5 from 5:00–6:00 pm  
Exhibits (including display boards, pictures, data, project materials, etc...) left beyond this time will be discarded or destroyed. Exhibits may not be removed prior to the award ceremony.