



## Location, Dates, & Times!

### Location

Annapolis High School Gymnasium

### Important Dates

#### Friday, March 6

*(Snow Date, March 20)*

- (A) Project registration and set up  
4:00–7:00 P.M.

#### Saturday, March 7

*(Snow Date, March 21)*

- (B) Public Viewing  
9:00–10:00 A.M.
- (C) Students share research with judges  
11:00 A.M.– 3:30 P.M.
- Project Breakdown  
3:30 P.M.

#### Thursday, March 12

*(Snow Date, March 26)*

- (D) *Celebration and Awards Ceremony*  
6:00–8:30 P.M.  
Annapolis High School Auditorium

### Annapolis High School

2700 Riva Road, Annapolis, MD 21401

1. Take South I-97 to MD-665 E in Parole.
2. Take Exit 22 to make a right onto Riva Road
3. Continue on Riva Road
4. Turn right at the Fred Stauffer Lane traffic light
5. School ahead

All students complete and submit an electronic copy of their abstract to [sciencefair@aacps.org](mailto:sciencefair@aacps.org) by January 10.

#### (A) Registration & Set Up (Gymnasium)

- Park in front parking lot and use main entrance
- Bring your project display, project data book (if you have one), and ten copies of your abstract.

#### (B) Public Viewing

- 9:00–10:00 A.M. on Saturday

#### (C) Judging

- Arrive by 10:45 A.M. Projects judged from 11:00 A.M.– 3:30 P.M. Please stay the entire time.
- Bring homework, books, iPod, etc, to occupy your time while you wait to talk to the judges.
- Bring lunch and a drink.
- Wear nice school clothes, but please, no clothing with school names or logos.
- Students will be dismissed at 3:30 P.M. Parents come into the gymnasium to pick up your student researcher.

#### (D) Awards Ceremony (Auditorium)

- Park in front of school and use left entrance
- Please arrive by 5:45 P.M.
- Student researchers, please sit in the front of the auditorium and ask your guest(s) to sit toward the back.
- Business casual attire is appropriate.

#### For further information, please contact:

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# Regional Science & Engineering Expo **Helpful Hints**

## 1. Your Display

Your display and materials cannot be taller than:

- 6 feet high,
- 4 feet wide, and
- 30 inches deep.

Displays are not limited to a tri-fold board. Options include PowerPoint presentations, videos, and prototypes.

The display should make it easy for judges to evaluate the research and your results. Make the most of your space by using clear and concise displays. Headings should stand out. Pay special attention to labeling the graphs, charts, diagrams, and tables. Each item should have a descriptive title.

A quick glance should allow the judges to locate:

- the title,
- experimental procedures,
- results, and
- conclusions.

Include your project data book as part of your display.

## 2. Your Abstract

It would be helpful to include an abstract that could be given to judges. No more than one page and no more than 250 words.

The abstract should include:

- a) the purpose of the experiment.
- b) the procedures used.
- c) data.
- d) conclusions.

An abstract should **not** include acknowledgements, work, or procedures done by a mentor.

## 3. Know your work.

Judges applaud those students who can speak easily about their work. They are **not** interested in memorized speeches; they just want you to be able to **talk** about your research. Besides asking the obvious questions, judges often ask questions such as:

*“What would you do differently?”* or *“What would be your next step?”*

## 4. Judging

Judges evaluate:

- a) how well you followed the scientific method.
- b) the detail and accuracy of the research as recorded in your data book or log of your research.
- c) whether experimental procedures were used in the best possible way.

Judges look for well thought-out research. They look at how important your project is in its field as well as how thorough you were. Did you leave something out? Did you start four experiments and finish only three?

At least two category judges and any number of special-area judges may look at your research. There are over 80 special-area judges in categories from engineering to chemistry to computer science.

## Not Permitted On Your Display

- Living, or once living, organisms, including plants
- Taxidermy specimens or parts
- Preserved vertebrate or invertebrate animals
- Human or animal food
- Human or animal parts
- Laboratory or household chemicals, including water
- Poisons, drugs, controlled substances, hazardous substances
- Dry ice
- Sharp items
- Flames or highly flammable display materials
- Batteries with open-top cells
- Awards, medals, business cards, flags, etc.
- Pictures or visual presentations showing vertebrate animals in dissections

## Judging Criteria (Possible Points out of a total of 100)

### Science Projects

Research Question .....	10
Design and Methodology.....	15
Execution: Data Collection, Analysis and Interpretation..	20
Creativity.....	20
Poster.....	10
Interview.....	25

### Engineering Projects

Research Problem.....	10
Design and Methodology.....	15
Execution: Construction and Testing .....	20
Creativity.....	20
Poster.....	10
Interview.....	25