

# Science Fairs



Synopsys Silicon Valley Science and Technology Championship

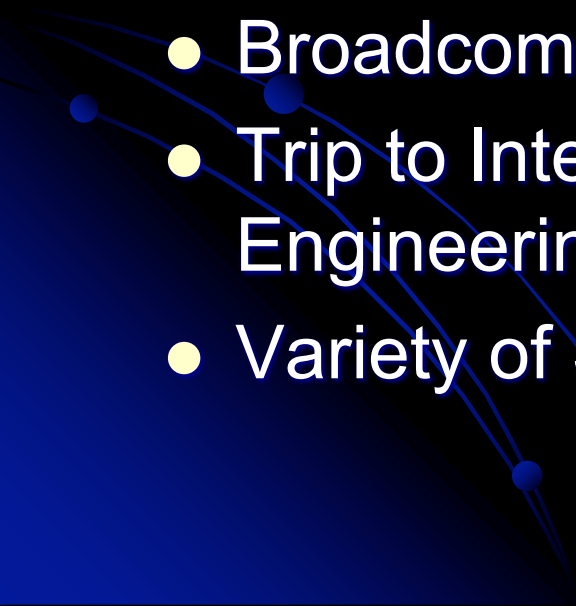


# Synopsys Championship

- Deadlines- (Oct 13 early)
- Nov 10 IRB/SRC HS, Nov 24 MS SRC
  - Feb 2 non-SRC
  - Download application
  - [www.science-fair.org](http://www.science-fair.org)
- Check-in March 14, Presentations March 15



# Advantages of Participation

- Networking with other students like you!
  - Discovery!
  - Learning from mentors and judges
  - Various cash up to \$1000
  - Trip to Ca State Science Fair 6-12
  - Broadcom MASTERS 6-8
  - Trip to Intel International Science and Engineering Fair 9-12
  - Variety of Special Awards from Organizations
- 



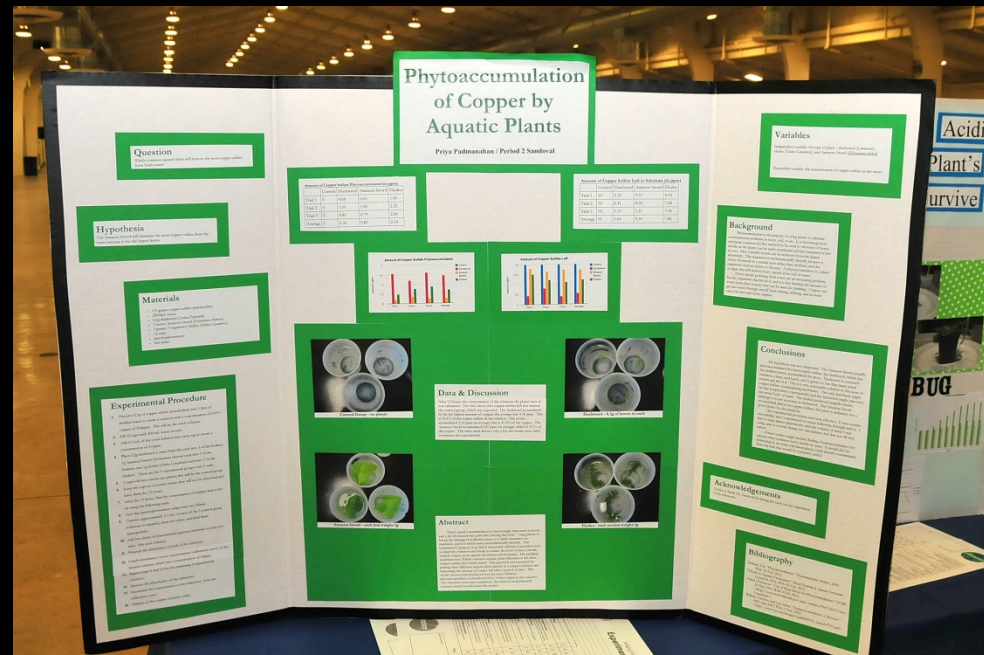
# Types of Projects

- product testing for 8<sup>th</sup> and below only
- Engineering, Math, Computer Science
- All types of Experiments
- See website for **Engineering** PPT
- See Project Types for **minimum quality standards**
- See special rules/forms for behavioral science, hazards, using vertebrates



# Stay away from:

- Pouring Coke on anything
- Growing plants in MiracleGro
- Testing different colors of light on plants
- Anything that starts out with “I want to find out what happens when...” \*\*\*
- See the no-no list on the website



# Need More Ideas?

- Use Google and Google scholar

**Stay away** from science project lists

DO: Put in 2 science terms, “Earthquake” and “Magnetism”

Or use ask.com-it offers nice suggestions

- Use what you know

Your hobbies

Look around and SEE

The things that bug you

The Special Awards

The news

Look for unique measuring devices (UV meter)



# Success

- Take as much data as possible
  - many samples
  - repeated trials
  - various conditions
- **Analyze** the data
- Be enthusiastic when presenting
- Safety first!
- Parents-know your place
- Go beyond if using Science Buddies





# Applying

- Be clear
- Include safety information
- Use metric
- Know your variables
- Check for all the special forms your project may require



# Important Websites

- [www.science-fair.org](http://www.science-fair.org)
- [www.sciencebuddies.org](http://www.sciencebuddies.org)
- <http://www.societyforscience.org/ISEF/>
- <http://school.discoveryeducation.com/sciencefaircentral/>
- <http://ei.cornell.edu/student/>





See You  
at the Fair!

