



Long Valley Science and Technology Fair

Safety Rules to Remember While You are Doing Your Project

For your safety!!!!

No animals involved in any experiment.

No experiments should mix cleaning agents.

No experiments with electricity using household current or car batteries.

You can use batteries or battery operated laptops.

No Flames.

Non-explosive.

Nontoxic chemicals should be used.

No experiments involving human or animal waste.

If you are using friends to observe behavior, such as being able to taste different types of food blindfolded or if they can make a certain shot at basketball, you need to make sure no one will get hurt (emotionally or physically).

****Remember the committee will review your project to ensure your safety and others. We will ask for you to choose a different project if it does not meet the guidelines.**

Timeline for your project

December: Research project/topic. Determine which question you want to test.

January: Turn in your registration form to your science teacher. Start your project.

February: Continue with your project

March: Finish up project by the first week. Gather your data and analyze. Create display and practice what you will say to the judges.

March 20th: Time to show your stuff!! Remember to be at Cucinella 9am-12noon.

**Remember your project should be something you are interested in.

** Keep detailed notes and take lots of pictures on the way.

***Remember to keep a list of books and websites you use to research your project. You will need to list them for the display.

Project Topics

These are just to help you get started on looking for your own idea. A good website is www.sciencebuddies.org.

Kitchen chemistry

Explore the best conditions for plant growth

Best chemicals to preserve cut flowers (ex. Sprite, 7Up, sugar???)

What kinds of materials can you make paper out of instead of tree pulp?

Experiment with Halloween candy (candyexperiments.com)

Explore how the shape of an object affects its falling rate.

Robotics

Electricity

Astronomy

Physics

Engineering

The Science and Technology Fair Display Safety Rules

Permitted items at the Fair

Water less than ½ gallon

Battery operated systems

Live plants or cut flowers

Glassware is allowed but it should be secured or use plastic equipment if possible.

Items NOT allowed at the Fair

Any chemical or item which could be hazardous to the public is prohibited from display.

No live animals, chemicals, explosives, or large amounts of water.

No dry ice.

Cylinders or compressed gasses are not permitted.

Open flames, torches or burners are not to be used.

Any sample medicines, such as Advil or cold medicines are **not** permitted. You may display the empty bottles.

Petri dishes with samples in them are **NOT** permitted.

Any human or animal waste is not allowed.