

IDEAS FOR SCIENCE FAIR PROJECTS

A science fair project should ask a question, one that interests you. It should be something specific and something that can be answered. Your project should include the research and/or experiment that will lead to your answer.

PHYSICAL SCIENCES

Includes projects involving nonliving things such as: computers, engineering, aerodynamics, solar power, electrical circuits, rockets, light reflection, temperature, remote devices, magnetism, mechanical inventions.

QUESTION IDEAS

- *How does a CD work?*
- *How can rockets fly?*
- *Are paper bags better than plastic?*
- *How does a compass work?*
- *Does the color of the roof affect house temperature?*
- *How much weight can a helium balloon lift?*

CHEMICAL SCIENCES

Includes projects involving forms of matter and chemical experiments such as: evaporation, crystal growth, dyes, household cleaners, rust, salt.

QUESTION IDEAS

- *What vegetables make the best dyes?*
- *Does temperature affect bubbles?*
- *Which metal is most rust resistant?*
- *Is homemade glue as good as store bought?*
- *Will ice melt faster if it is crushed?*

ENVIRONMENTAL AND EARTH SCIENCES

Includes projects involving the earth, physical phenomena, the environment, and the relationships of living things to the environment such as: weather, astronomy, rocks, fossils, minerals, water, topography, cloud formation, volcanoes, earthquakes, glaciers, outer space, pollution, recycling.

QUESTION IDEAS

- *How do stars move over time?*
- *How do clouds form?*
- *Can I make a volcano?*
- *Can soap be biodegradable?*
- *How is plastic recycled?*
- *How accurately can you predict weather?*
- *What is the average wind speed at my house?*

BIOLOGICAL AND BEHAVIORAL SCIENCES

Includes projects that involve living things or once living things such as: plants, animals, people, cell structure, preservatives, bugs, birds, food webs, behavior, attitude surveys, product comparisons, exercise studies, anatomy, nutrition.

QUESTION IDEAS

- *How can a plant defend itself?*
- *What do birds eat?*
- *What trees are found in Moscow?*
- *Which paper towel works best?*
- *What colors do people prefer?*
- *Are family fingerprints similar?*