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?