

Choosing a Science Project

All great projects start with great questions but before you get started on a great question, you need to pick a subject or topic that interests you. There are three different categories of the Science Expo to choose from.

Life Science:

This category deals with all animal, plant and human body questions that you might have and want to do an experiment about. If you are dealing with animals, please be sure to have an adult assist you and remember, it is never acceptable to intentionally hurt or harm an animal during an experiment. It is okay to do experiments on plants, as long as they don't belong to someone else, like your mom's prize rose bush.

Physical Science:

If you like trying to figure out how things work, then this is the category for you. It includes topics about matter and structure, as well as electricity, magnetism, sound or light. "How does it work and if I do this to it, will it still work?" is a question to ask related to physical sciences.

Physical Science also includes the composition of matter and how it reacts. These are science experiments that may have bubbling and oozing going on, like figuring out what is an acid and what is a base. It is a perfect category to mix things together to see what will happen. Some of these experiments may fall into a category called "kitchen science." Always work with an adult when conducting experiments in this category.

Earth and Space Sciences:

This category covers all sorts of topics that deal with Earth or objects in space. This includes studying weather, geology (the study of everything that makes up Earth like rocks, fossils, volcanoes, etc), oceanography and meteorology (the study of all this in space: stars, sun and planets.)

For help in choosing a topic, visit [ScienceBuddies.org](https://www.sciencebuddies.org) for a Science Interest Survey. This survey will help you choose a project based on your interests.

<https://www.sciencebuddies.org/science-fair-projects/topic-selection-wizard/background-info>

