

Kindergarten and First Grade

COLLECTIONS

Any collection of interest may be displayed. Items in the collection should be grouped according to a physical characteristic such as color, shape, size, etc. The collection should be clearly labeled and have a brief explanation about the collection.

Our Science fair is designed to encourage all students to apply basic Science skills, such as observing and classifying, in a creative and productive manner. Fostering the development of Science skills is an on-going task, and the science fair is another opportunity to give students the opportunity to solve problems, think creatively, experiment, and work with scientific data. This is ultimately a student's project (and not a parent project, although of course, you may help and offer support as needed) that must reflect your child's creativity, critical thinking, problem solving, and skill level.

Presenting the Collection

The collection may occupy a space the size of the students' desktop (24'' inches long and 15'' deep). Collections may be mounted on a display board, cardboard/tag board, or any reasonable manner that fulfills the size display requirements.

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Written Report

Along with your Science Project you will need to have a one page written report explaining your project. The written report needs to be printed or typed on one letter size (8 ½ by 11) piece of paper. The title of your project, your name, grade and teacher along with an explanation of your project needs to be on the cover page.

Sample Science Project Written Report

My Rock Collection
Student Name
Grade K, Teacher Name

I collected these rocks while hiking with my family on weekends. They come from Chino State Park, Mount Baldy, and Malibu Creek.

They are classified into three different areas.

- Texture
- Color
- Size
- Magnetism

Texture: They are grouped according to being smooth or having edges.

Color: They are divided into categories, colors, sparkly,

Shape: The rocks are grouped according to being mostly round or have pointed edges.

Magnetism: The rocks are magnetic or not magnetic

I can find many ways to classify rocks because they have many characteristics. My favorite is rose-colored quartz because it lights up when I hit them together.

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Collection Ideas

- Leaves
- Animals (display with pictures)
- Birds' nests: collection of materials birds use to build their nests
- Rocks
- Shells
- Different types of soil
- Feathers
- Fabric
- Buttons
- Stamps
- Cars
- Dolls
- Coins
- Seeds
- Beans
- Toy animals
- Balls (small)
- Pencils



Make Your Collection a Success!

- **Start early:** Don't wait till the last week to start your project. Gathering materials to make your collection takes time.
- **Make it your own:** Parents are encouraged to help and support as needed. However, the best learning will come from the effort put in by the students' themselves.
- **Be creative:** This is an opportunity for you to make a collection of something that interests you.
- **Keep it safe:** Don't display anything that will be dangerous to any people viewing your work (i.e. chemicals, live creatures, live electrical items, sharp or breakable objects).
- **Have Fun:** You can learn a lot about science and have a good time, too!