Science Fair Project Ideas

Chemistry
What factors affect the buoyancy of a can of soda pop?
What is the effect of different pH solutions on human hair?
What affects the amount of vitamin C in orange juice?
Will an ice cube of fresh water melt faster that a cube of salt water?
What substance will freeze faster-vinegar, soda, milk?
What effect does starting temperature have on freezing points?
What effect does temperature have on fermentation?
What types of fabric are most flammable?
What effect does light have on dye used in colored paper? Does heat?
Which paint holds its color best when exposed to weather?
What affects the rate of drying for paint?
Compare the amount of starch in assorted vegetables.
What effect does acidity of apple juice have on fermentation?
Which type of metal will rust fastest in salt water?
Which solution will rust a nail the fastest?
What common household substances will crystallize?
Which common kitchen-cleaning product cleans a penny best?
Which soft drink has the most sugar?
Which over-the-counter antacid neutralizes acid best?
Compare the rate of deterioration of chicken bones left in different liquids such as vinegar, salt water, detergent, etc.

Biology
What effect does light have on the growth of a plant?
What solutions are best for plant growth?
What effect does temperature have on the rate of seed germination?
What effect does music have on a plant's growth?
What soil is the best for plants?
How does coating a plants' leaves with different substances affect growth?
Which type of fertilizer is best for plant growth?
What effect do microwaves have on seed germination?
What solutions keep a cut flower fresh?

Physical Science/Engineering
What products will protect an egg best?
What materials will make the strongest bridge? What design?
What shape is the best for a paper airplane? A sailboat?
What factors affect buoyancy?
What conducts electricity?
What substances affect magnetism?
What effect does temperature have on the speed of a computer?

Consumer and Food Science

Which carpet cleaner works best?
Which brand of diaper is most absorbent?
Which brand of paper towel is most absorbent? Strongest?
Which brand of popcorn leaves the fewest unpopped kernels?
Which fast-food burger has the least grease?
What brand of battery lasts longest?
Which type of candy melts the quickest?
Do the different colors of M&Ms melt at different rates?
Which fast-food fries are the best bargains by weight and by count?
Does the method of cooking affect the taste, texture, color, etc. of different vegetables?
Which storage methods are best at preventing freezer burn?
What type of wrapping would keep sliced apples freshest in the refrigerator?
What solutions will keep a sliced apple or potato from browning?
Do microwaved foods cool faster that baked or stove-top cooked foods?
Does temperature affect the proofing of yeast?
What type of bread will mold the fastest?
Will whole milk sour faster than fat-free or 2% milk?
What is the best growth medium for yeast-sugar, corn syrup, artificial sweetener?
Which bar of soap lasts the longest?

Other

What type of paper decomposes in soil the fastest?
What type of fabric decomposes fastest in soil?
Compare the pH of water from four different sources.

There are many other ideas for science projects. Remember-your project will be answering a question with variables. If you aren't sure about your idea, ask your teacher. The use of animals or humans is not allowed in this project. A project may fit in more than one category. The classroom teacher will place the project in the appropriate category.
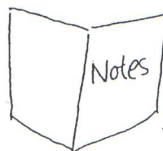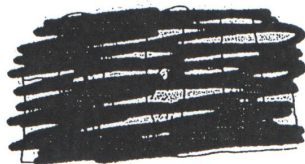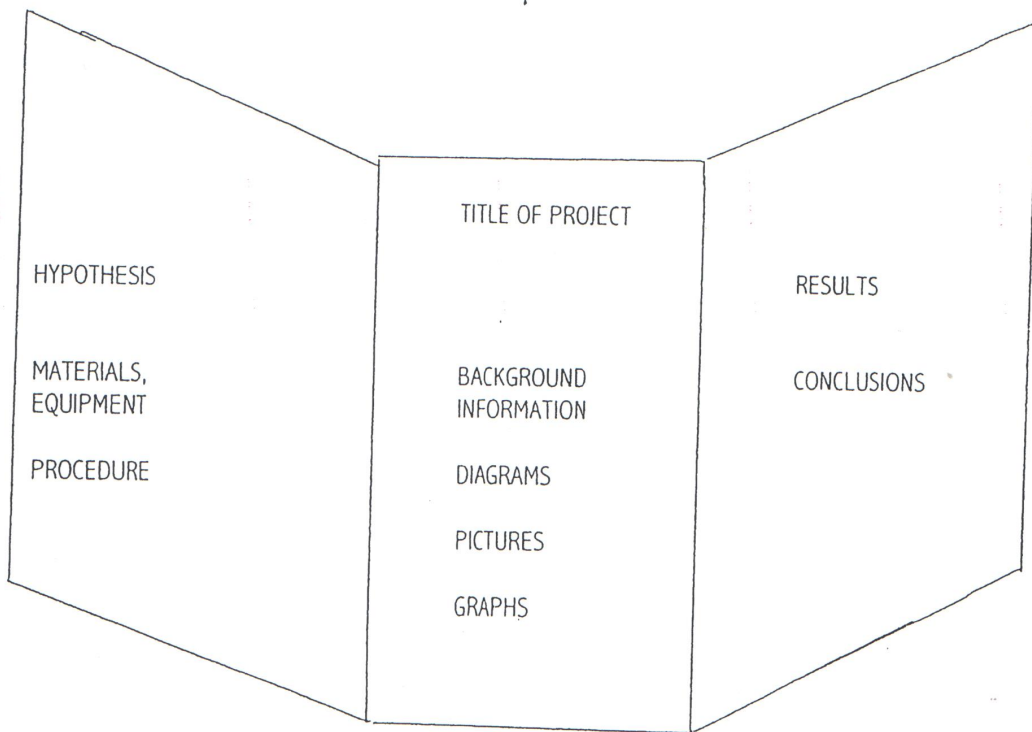
DISPLAY OF SCIENCE PROJECT

Boards are available in the office for $5.00

SUGGESTIONS:
1. Construction should be durable, able to stand alone.
2. The title should be large, clear, and neat.
3. Labeling should be neat and informative.
4. Make large and clear explanations.
5. Your project should explain itself without need for clarification.
6. Use a tri-fold display board.

TITLE OF PROJECT

HYPOTHESIS

MATERIALS,
EQUIPMENT

PROCEDURE

BACKGROUND
INFORMATION

DIAGRAMS

PICTURES

GRAPHS

RESULTS

CONCLUSIONS

Notes

The notebook contains your written research report and any observation sheets.