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➤ Any topic that boils down to a simple preference or taste comparison. For example,

“Which tastes better: Coke or Pepsi?”

- Consumer product testing of the “Which is best?” type. This includes comparisons of popcorn, bubble gum, make-up, detergents, cleaning products, and paper towels.
- Any topic that requires people to recall what they did in the past
- Effect of colored light on plants
- Effect of music or talking to plants
- Effect of running, music, video games, or almost anything on blood pressure

➤ Effect of color on memory, emotion, mood, taste strength, etc.

Why

- Such experiments don't involve the kinds of numerical measurements we want in a science fair project. They are more of a survey than an experiment

➤ These projects only have scientific validity if the investigator fully

understands the science behind why the product works and applies that

SCIENCE FAIR RULES

Remember! Of course there are rules, this is made by adults!

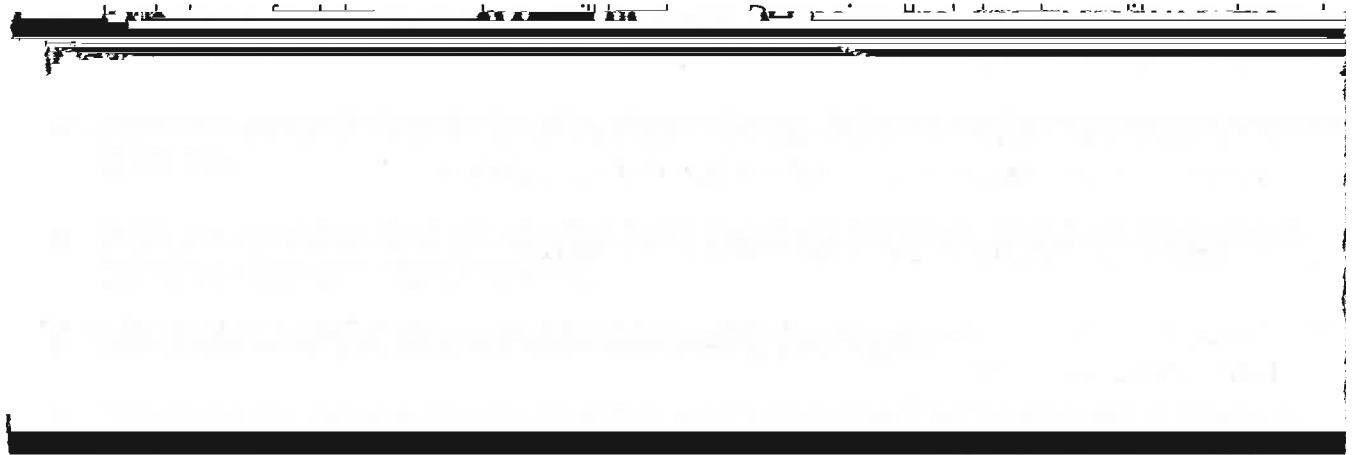
1. Number one rule... think safety first before you start. Make sure you have recruited adults to help you.
2. Never eat or drink during an experiment and always keep your work area clean.
3. Wear protective goggles when doing any experiment that could lead to eye injury
4. Do not touch, taste, or inhale chemicals or chemical solutions.
5. Respect all life forms. Animals are not allowed to be used in experiments. Do not

Science Fair Oral Presentation

A lot of students are afraid of speaking in public to a teacher/judge. Just imagine they are a fellow scientist who just wants you to share what you have learned.

Relax smile, and have fun. Remember, you are the expert and you had fun doing the project. But if you are a little nervous, we have listed some things that you need to do during the presentation.

Helpful Hints:



Science Fair Abstract

- Write out your hypothesis in proper IF...THEN form.
- Include all relevant background information on the subject of the experiment. (Books you read, internet research, etc.)
- Describe your project

Do:

- a page in length
- typed, double spaced
- 12 Times New Roman

Don't:

- list the method for your procedure step by step
- hand write
- turn in late (only half credit)

Science Fair Resources

Science News for Kids

The Archimedes Initiative

The Winning Science

The Scientific Method

The Scientific Method: Data and Science for Kids

www.pbskids.org

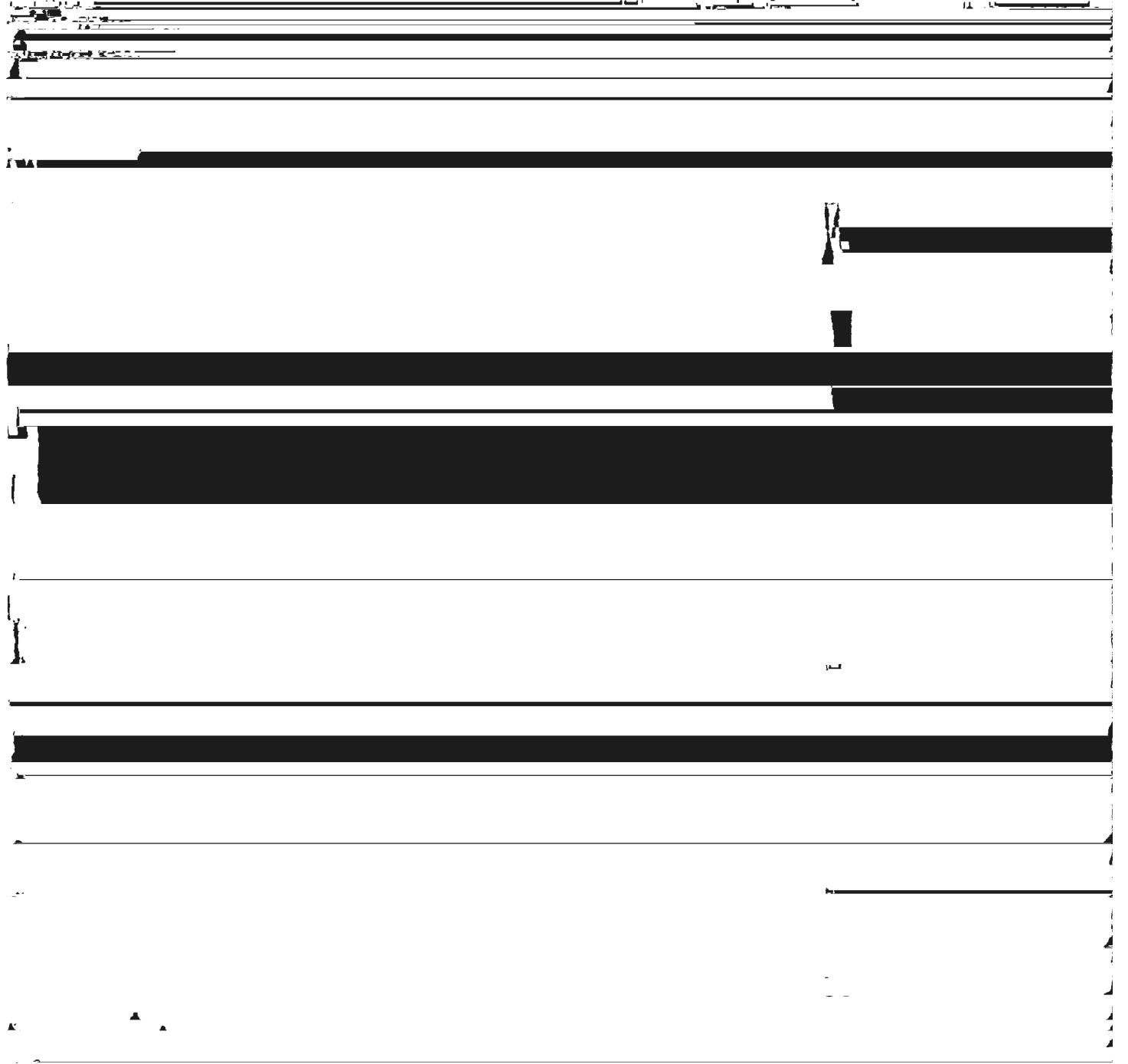
http://www.sciencebuddies.org/science-fair-projects/project_ideas.shtml

Projects must be at middle school level (no volcanoes, solar system models, etc.)

Be careful with materials used (human, animal, or live)

Research must be original (no internet research, test results and writing must be original work)

The written report is a summary of everything that you did to investigate your topic. The written report provides others with vital information on what your project is about as well as its effect on your understanding of the topic. Usually the written report is 5-30 pages in length. All information must be included in the written report. This



YOU MUST HAVE AT LEAST THREE RESOURCES

Resource #1

Type of Resource:

Website: http://

Author:

Title:

Publishing Company:

Location of the Publishing Company:

Date of Publication:

Type of Resource:

Website: <http://>

Author:

Title:

Publishing Company:

Location of the Publishing Company:

Date of Publication:

Information found in your own words:
(Must be at least a one paragraph summary)

YOU MUST HAVE AT LEAST THREE RESOURCES

RESOURCE #3

Type of Resource: _____

Website: http:// _____



Title:

Publishing Company:

Location of the Publishing Company:

Date of Publication:

Information found in your own words:

(Must be at least a one paragraph summary)

PROJECT SUMMARY WORKSHEET

Student _____ Date _____ Block _____

Due Date _____ Topic: _____

Question (Statement of Purpose) *(Written as a question)*

is: *If* _____ *Then statement* _____

Materials I will need:

Procedures: *(Detailed Steps)*

Results:

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Analysis:

Conclusion: *(Tell if hypothesis was correct or not)*