Science Fair Project Proposal Form

Student: _____ DUE:_____

Teacher: _____ Grade: _____

TEACHER APPROVED: YES / NO

Project Title: _____

_____

TESTABLE QUESTION

_____

_____

Science Fair Project Question Checklist	**Circle One**
REQUIREMENTS: Your teacher may put some restrictions on projects .Have you met your teacher's requirements? o Use the Topic Selection Wizard at www.ScienceBuddies.org to find an interesting level appropriate project o DO NOT select projects that have an asterisk [*] in the title and begin with the following: *"NOTE: This is an abbreviated project idea, without notes to start your research or a procedure for how to do the experiment …"* o Project Difficulty Level: DO NOT exceed **INTERMEDIATE / MEDIUM** (Grade 6) o Read and sign Rules & Regulations Form which is printed on the backside.	YES / NO
QUESTION: Is the topic interesting enough to read about and then work on for several weeks?	YES / NO
TIME: Do you have enough time to do your experiment more than once (3 trials minimum) before your science fair project is due? Read your Project Summary to determine: **TIME REQUIRED** Project Due: **MARCH 7 8 9 10 11**	YES / NO
VARIABLES: Can you identify the variables in your experiment? (independents, dependent, and controlled)	YES / NO
RESEARCH: Can you find at least 3 sources of written information on the subject? Check your project's **Background** such as introduction, terms & concepts, questions, and bibliography. Use the bibliography worksheet to cite your research sources. Read your Project Summary to determine: **PREREQUISITIES**	YES / NO
HYPOTHESIS: Can you use your research and experience to write an educated guess using one of the following two formats: "I think … because according to …" or "If … then … because according to …"	YES / NO
MATERIALS: Can you locate and obtain all the materials and equipment you need for your science fair project or will you be able to obtain them quickly and at a low cost? Will you be making substitutions for some materials? Read your Project Summary to determine: **MATERIAL AVAILABILITY and COST**	YES / NO
PROCEDURE: Does your project have a procedure you can follow or edit to conduct a" fair test" to answer your question? In other words, can you change only one variable at a time, and control other variables that might influence your experiment so that they do not interfere?	YES / NO
SAFETY: Your experiment must be safe to perform. Do you require adult assistance and/or supervision to perform your experiment safely? Read your project summary to determine: **SAFETY**	YES / NO

DIFFICULTY LEVEL

STUDENT * I have discussed the project idea and checklist with my parent(s) and I am willing to commit to following through with this project.

_____
Student Signature

PARENT * I have discussed the project idea and checklist with my child and I believe he or she can follow through with this project .

_____
Parent Signature

CONTINUES ON BACK

Science Fair Rules and Regulations

These rules and regulations correlate with state recommendations and apply to all grade levels. They were adapted from State and National Science Fair Rules, and must be followed to insure everyone's safety, and to teach students how to properly do a science fair project.

Size of Project: Individual and class projects cannot be larger than 48"x36". They may be smaller.

What Items May Not Be Displayed on the Board? No photographs with student's or subject's face; food (candy, gum, cereal, popcorn .. etc), liquids, plants, animals, glass containers, sharp and/or pointed objects (protruding staples, push pins … etc), rubber bands, chemicals, explosives, noxious gases, open flames, or drugs.

Animal Related Projects: The study of animals by elementary school students under qualified adult supervision is both necessary and important for learning about the life sciences and for encouraging an interest in careers related to the life science.

- Any project that has an vertebrate animal theme or use **MUST BE APPROVED PRIOR** to doing the experiment.
- Elementary school students **MAY ONLY DO ANIMAL OBSERVATION PROJECTS**. For example, "Which Color Feeder Attracts Birds the Most?" Students may hang different colored bird feeders in the yard and observe which feeder birds are attracted to the most. Observing the sleeping, eating and playing habits of hamsters and other pets are other animal observation projects that students may do.
- Elementary school students **MAY NOT DO A PROJECT WHICH CAUSES PHYSICAL OR PSYCHOLOGICAL STRESS TO VERTEBRATE ANIMALS**. No project may be done which manipulates the basic needs of animals, such as food, shelter and water. Animal projects **MUST** include a concern for the humane and proper treatment of all animals.
- **ALL ANIMAL RELATED PROJECTS MUST HAVE A VERTEBRATE ANIMAL VERIFICATION FORM** and a copy must be attached to the project board.

Human Subjects: Experiments with human subjects (volunteers) will be permitted provided that the human subjects are not subject to any physiological or psychological stress.

- **ALL HUMAN RELATED PROJECTS MUST HAVE A HUMAN SUBJECT VERIFICATION FORM** and a copy must be attached to the project board.
- Any projects involving tasting or drinking of foods **must be supervised by an adult**.
- **PERMISSION SLIPS SIGNED BY PARENTS** are required for subjects under 18 years of age, who volunteer to participate in the experiment.

Surveys: Surveys are acceptable providing they follow these guidelines.

- **NO PERSONAL QUESTIONS** that involve invasion of privacy are acceptable.
- **PERMISSION SLIPS SIGNED BY PARENTS** are required for those subjects who participate in surveys related to the tasting of foods and/or drinks.

I hereby agree to all the terms and regulations as stated above in regards to my child's science fair participation.

This project will require a ☐ Vertebrate Animal Verification Form

☐ Human Subject Verification Form (volunteers)

_____	_____	_____ 2015
Student	Parent	Date