

**MARIN COUNTY
ELEMENTARY SCIENCE FAIR
APRIL 1-4, 2019**

_____ Approved
_____ Not approved

Project Proposal Form

Adopted from the San Francisco Bay Area Science Fair Scientific Review Committee

This document must be completed by any student, grades 4 through 6, whose project involves (even if only observing) human subjects, invertebrate or non-human vertebrate animals, bacteria or tissues.

This form and any required back up material, must be completed, filed, and approved before starting your project and no later than February 15, 2019. When completed, submit this form to:

Karen Allen, MCOE, P.O. Box 4925, San Rafael, CA 94913

Email: kallen@marinschools.org Fax: (415) 491-6619

This form must be typed

Student's Name: _____ Grade: _____

Parent's Name: _____ Parent's email: _____

School Name: _____ School Address: _____

Home Phone: _____ School Phone: _____

Where will you conduct your experimentation?

At school: At home: In the field:

Other: Explanation:

Check here if you are working with humans and complete sections 1, 3 and 4.

A completed sample of the Informed Consent Form must also be submitted with this form.

Check here if you are working with non-human animals, bacteria, or tissues and complete sections 1, 3, and 4.

Read Section 2 before completing Section 1.

SECTION 1: To be completed by all students filing this proposal form.

a. What is the question and purpose of your study?

b. Describe your experimental procedure with as much detail as possible. Use and attach additional page(s) if necessary. If your study involves humans, be sure to include a copy of the informed consent form. If your study involves a survey of humans, please attach a copy of the survey questions as well.

SECTION 2: In your description for Section 1 Question B, please include responses to the following:

- a. Are there any alternatives to the use of live animals in your project? If not, why did you find such alternatives unacceptable for your study? Explain.
- b. Describe in detail how the animals will be used. Identify (where appropriate) the species, strain, sex, age, weight, source and number of animals proposed for use. Remember to use the MINIMUM number of animals you deem necessary for your study.
- c. Explain the potential impact or contribution this research may have on the broad fields of biology or medicine.
- d. Provide detailed information on the animals' housing and environment. Also, provide information on the veterinary medical/nursing care in the case of illness or emergency; give the name of the veterinarian or veterinary facility.
- e. Explain what will happen to the animal(s) after the project is finished. If euthanasia will be performed by a qualified scientist (students are not permitted to perform euthanasia), describe the method in detail.

SECTION 3: To be completed by the **sponsoring teacher** of the student filing this form.

"I have read all the rules and regulations of the SFBASF and Marin County Office of Education Science Fair included in the Science Fair packets, regarding projects involving humans, animals, bacteria and tissue, and have discussed these with the student I am sponsoring. The student has read and understands the above guidelines, requirements and rules for student science projects and I will be responsible for this student's compliance with the guidelines. I have collected and kept the signed informed consent forms for this student's project (if it involves humans)."

Name of Sponsoring Teacher: _____

Signature: _____ **Date:** _____

SECTION 4: To be completed by all students filing this proposal form.

YES NO Did you read the guidelines regarding the use of humans, animals, bacteria and tissue in a science fair project?

YES NO Did your sponsoring teacher go over the guidelines regarding your science fair project with you?

YES NO If your project involved human subjects, did you give your signed informed consent form to your sponsoring teacher?

Student's Signature: _____ **Date:** _____

Parent/Guardian Approval

"I have read and understand the risks and possible dangers in the sponsoring teacher-approved research plan. I consent to my child participating in this research project."

Parent/Guardian Signature: _____ **Date:** _____