

## North Carolina Elementary and Middle School Science Fairs Scientific Review Committee (SRC) Research Plan & Approval Form

NOTE: Grades K-8 students must use this form or the official ISEF Forms (1,1A, and 1B) to participate in  
NC Regional and State Science Fairs and be approved by a local SRC committee.

Student's Name \_\_\_\_\_ Grade \_\_\_\_\_ Phone \_\_\_\_\_

Teacher's Name \_\_\_\_\_ Phone \_\_\_\_\_

School \_\_\_\_\_

School Address \_\_\_\_\_

Project Title \_\_\_\_\_

Where will the project be completed?    \_\_\_ Research Institution    \_\_\_ School    \_\_\_ Field  
\_\_\_ Home

Parent or Guardian Signature \_\_\_\_\_

Date \_\_\_\_\_

Qualified Scientist/Adult Sponsor \_\_\_\_\_ Phone \_\_\_\_\_

A qualified scientist is someone working as a scientist or engineer in the field of study/research. (Complete if required)

### **All Students Must Complete and turn in for review prior to beginning experiment!**

- 1) **This form** to initiate approval by teacher and/or local Scientific Review Committee (SRC).
- 2) **Question being addressed.** Why are you doing this study?
- 3) **Hypothesis, Problem, or Engineering Goals**
- 4) **Detailed description of the methods and procedures to be used, what type of data you expect to collect, and how you will analyze your data.** This must include chemical concentrations, drug doses, number of experiments to be run, etc.
- 5) **Bibliography/References** including at least three major reviews (i.e., peer reviewed journal articles, books) from your library search. If you plan to use animals, an additional reference regarding animal care must be included. (If using internet resources, only .edu and .gov sites are accepted)

**Teacher Approval:** \_\_\_\_\_ **Date:** \_\_\_\_\_

Teacher may approve if projects do not involve any of the items listed below.

If you are working with ANY of the following items, you must have a “**Qualified Scientist/Adult Sponsor**” to supervise your work and **first be approved by a local SRC Committee**: **Non-Human vertebrate animals, Human/Animal Tissue, Recombinant DNA, Pathogens, Human Subjects, Controlled Substances, Hazardous Substances or Hazardous Devices.** You must also use the **ISEF Rules Wizard** at <http://www.sciserv.org/isef/students/wizard/index.asp> to determine other forms that may be required for your research and if approval is needed before beginning the experiment!

**Projects using hazardous chemicals, activities or devices or using regulated substances and some potentially hazardous biological agents:** Attach completed ISEF Form 3.

**Projects involving Human Subjects:** Attach an unsigned sample of the Consent Form and the completed ISEF Form 4 – Human Subjects and Informed Consent Form.

**Projects involving Vertebrate Animals:** Attach completed ISEF Form 5(A and/or B) – Vertebrate Animal Form to show that the project is approved if needed, supervised by animal care expert.

**Projects involving Potentially Hazardous Biological Agents:** Attach completed ISEF Form 6A and/or 6B.

**Local SRC Approval:** \_\_\_\_\_ **Date:** \_\_\_\_\_

\_\_\_\_\_  
(REQUIRED IF HUMANS, VERTEBRATE ANIMALS, AND/OR HAZARDOUS MATERIALS USED)

SRC Comments/Requirements:

**\*\*If the local committee has questions, please contact the regional director, NC state director, or any of the ISEF SRC Officials listed at [http://www.sciserv.org/isef/aff\\_fairs/aff\\_review.asp](http://www.sciserv.org/isef/aff_fairs/aff_review.asp)**