

Student Research Plan (Form 1)

To Be Completed by the Student. This form is required for ALL Senior High projects and must be completed prior to experimentation.

Student Name _____

Provide a typed Research Plan and attach it to this sheet.

The research plan is to include the following:

A. Problem or question being addressed

B. Hypothesis/Engineering Goals

C. Description in detail of method or procedures (including chemical concentrations and drug dosages)

For human research, include survey or questionnaires if used, and critically evaluate the risk. For nonhuman vertebrate animal research, you must briefly discuss potential alternatives and present a detailed justification of use of nonhuman vertebrate animals.

D. Bibliography

List at least three major references (*i.e.*, science journal articles, books) from your library research. If you plan to use animals, give an additional animal care reference.

Be sure that all references are complete and are listed using a standard format. For example: Foley, J.D. (1987). Interfaces for Advanced Computing. "Scientific American," **257**: 127-135