

Science Fair Project Proposal Form

Name: _____ Hour: _____

Partner's Name (if applicable): _____ (you each need a proposal form)

The research question I plan to investigate in my experiment (please phrase as "How Does ____ Impact ____?" and use correct punctuation):

Science Fair Research Question Checklist:

1. Is your research question topic interesting enough to read about and work on for the next couple of months?	No / Yes
2. Can you find at least 5 sources of written (book, magazine article, qualified website, or database source) information on the subject to complete background research?	No / Yes
3. Is your research question measurable? [measuring one variable using a number that represents a quantity such as a count, percentage, length, width, mass, voltage, time, etc.? OR measuring one variable that is simply present or not present?] What are you measuring? _____	No / Yes
4. Can you design a controlled experiment (changing only one variable) to answer your question? What is your independent variable? _____	No / Yes
5. Can your experiment be carried out safely?	No / Yes
6. Can you gather all the materials and equipment you need for your science fair project?	No / Yes
7. Do you need to purchase any supplies to carry out your science fair project? What is one item you might need to purchase? _____	No / Yes
8. Do you have enough time to do your experiment <u>more than once</u> before the science fair experiment deadline (tentatively November 17, 2015)?	No / Yes
9. Does your science fair project need special forms including bacteria checklists, signatures from school staff (principal, teacher, school psychologist/social worker) or MSDS (material safety data sheets for chemicals)? Here are the special situations: <input type="checkbox"/> Projects involving bacteria (recruit a microbiologist as a mentor) <input type="checkbox"/> Projects involving human subjects (school staff psychologist signature & parent permission from <u>every</u> participant in your study) <input type="checkbox"/> Projects involving chemicals (Material Safety Data Sheets for each chemical)	No / Yes

Student Signature: I have discussed this project idea, experiment idea and checklist with my parent(s) or guardian(s) and I am willing to commit to following through on this project meeting all deadlines.

Student Signature: _____ Date: _____

Parent/Guardian Signature: I have discussed this project, experiment idea and checklist with my student and I believe s/he can follow through with this project. [One parent/guardian signature is required]

Parent/Guardian Signature: _____ Date: _____