

Name: _____

Date: _____ Period: _____

Science Research Project (SRP) Topic Selection Form

Students must complete a Topic Selection Form for a topic and submit the first week of school. You may want to submit multiple forms in case your first topic choice is denied.

Make sure that the topic ideas submitted would fit into one of the categories below:

<https://www.societyforscience.org/isef/categories-and-subcategories/all-categories/>

Review the requirements for human and animal studies as they require completion of extra paperwork that is NOT guaranteed to be approved by the county after the project has started.

<https://sites.google.com/henry.k12.ga.us/hrsef/rules-and-guidelines/research-planproject-summary?pli=1>

- A. State the question/problem or engineering project you would like to address for science fair.
- B. Briefly describe the experiment you will use to find the answer to your question or what you wish to design for your engineering project. (Be as specific as possible, make sure to include the following.)
- What are you testing?
 - What is the independent variable? (what ONE variable are you changing?)
 - What is the dependent variable? (what variable are you measuring as a result of changing the independent variable?)
 - What will you use as an appropriate control (negative and/or positive control(s)) to support that your independent variable is what is having the effect in your system?
- C. Describe how you plan on collecting and analyzing the data from your experiment. (Be as specific as possible.)

Note: You have to have a **minimum of 15 trials for each variable** you plan to change.

- What are you measuring and how are you measuring it? What tools or instruments will be used?
- How will the data be analyzed once it is collected? (averages of trials? statistical analysis? Note - putting it into a table is NOT analysis; it's organization.)

D. Why is this topic important to you?

E. List 5 titles of articles from reliable sources published since 2016 related to your topic.

F. TEACHER COMMENTS: (Students leave this part blank)

_____ This topic seems too simple for your grade level (we already know a lot about your topic)

_____ This topic will require university or professional help – do you have access?

_____ Narrow your topic

_____ This topic will require special permission

_____ What are you testing?

_____ OTHER (see notes below)

_____ NOT Approved. New topics by: _____

_____ Approved Date: _____