

Name: _____

Due Date: December 5, 2023

SCIENCE FAIR PROJECT PLANNING FORM
(Keep in Science Fair Folder)

Title: _____

Problem Statement: (A testable question to answer when conducting the experiment)

Topic Research: (A brief summary of the topic's background information, in your own words.)

Bibliography: (Find and cite 3 sources as you research. See Handbook for instructions.)

Hypothesis: (An educated guess of what you think will happen before actually conducting the experiment. Must be written in the "If..., then..." format.)

Variables:

Test Variable (What are you changing on purpose? What are you testing?)

Outcome Variable (What are you measuring? What data are you collecting?)

Constant Variables (What are you keeping the same in the experiment?)

Materials: (Use metric measurement tools, give quantities, and list in column form.)

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Procedures: (Use a step by step numbered list. Each step should also begin with an action verb. Be detailed and specific as you include quantities/amounts in metric units.)

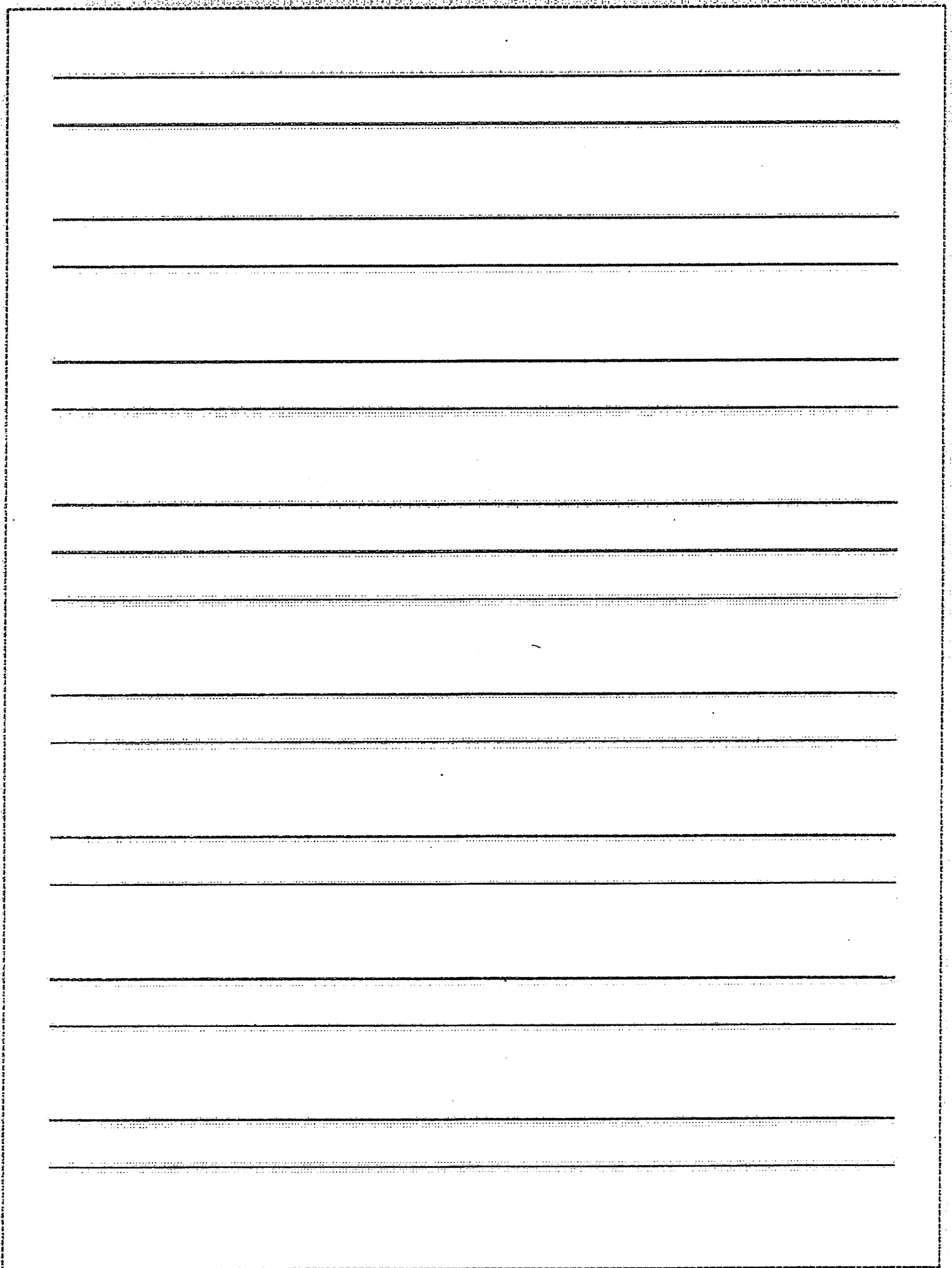
Data: (Create a data table to collect and record data observed and measured during the experiment. Remember to use metric units.)

Title of Data Table:

Trial #			
1			
2			
3			
Average			

Now you're ready to conduct the experiment. Remember to take pictures (no faces in photographs are allowed) and to repeat the experiment at least three times. Make a graph to display the data collected and recorded on data table.

Results: (Brief statement describing collected data from the experiment in a narrative summary. Share averages.)



Congratulations! You have completed all the steps to your science experiment. Make necessary changes to your final, typed version in your Science Fair Power Point. 😊

Abstract:

(Write three or more paragraphs. Include what was being investigated and the hypothesis. Write about the procedures followed in the investigation. Include information on the data and conclusions reached. Lastly, write about your project's applications. Should be detailed and completely describe your project. Most of this information can be restated from the other sections of your project.)

