Pasadena I.S.D.

Science Fair
2024 - 2025

Scientist _____

Teacher _____

Think about what you are interested in:

Possible testable questions:

_____

_____

_____

CHOOSING YOUR TOPIC

My chosen topic in question form:

_____

_____

Teacher's Approval

_____ Date _____

RESEARCH YOUR TOPIC

You will need at least 3 references. Books, online resources, interviews, magazines, and videos are all aceptable sources.

REFERENCE #1_____

Notes_____

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REFERENCE #2_____

Notes_____

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REFERENCE #3_____

Notes_____

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PROJECT PLANNING FORM

Hypothesis-What you think the answer to the question is going to be. This should be written as an **IF, THEN** statement.

Example hypothesis – If__(tell what the question is)_____, Then _(tell what you think the outcome will be)_____.

If I increase the temperature of the wáter, then more salt will dissolve.
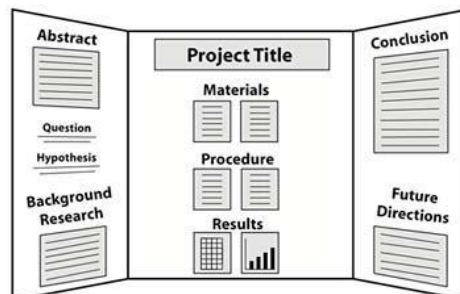
My hypothesis - If _____,

Then _____.

The variable –This is what you are changing in the investigation. You may have only **one variable**. (Examples – different amount of water, or different size of container, or different beginning mass)

My variable-_____

Constants- These are factors that must all be the same for a fair test. (Examples-amount of water, same size container, same beginning mass, etc.)

My Constants- _____

_____

PROCEDURE

This is the step by step directions for your investigation. Use the space below to list the procedures or directions you will need to follow for your investigation. Make sure that you and someone else can follow your directions exactly to repeat your investigation.

1) _____

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MATERIALS NEEDED FOR INVESTIGATION

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DATA

Trial Number			
#1			
#2			
#3			
#4			
#5			
#6			
#7			
#8			
#9			
#10			

Graph your data.

You may do a bar graph, line graph, or circle graph to show your data.

You may use a chart like this to help with your graph, or you may do your graph on the computer.

TITLE_____

WHAT DID I FIND OUT?

RESULTS-This is your answer to your original question. What id you find out in your investigation?

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CONCLUSION-Think about what your results mean.

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REAL WORLD APPLICATION – How does this help us in the real world? Where do you see this in everyday life?

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