

Students Name:



Science Fair 2022-2023 2nd-3rd Grade

Students Name:

Think about what you are interested in:



Possible testable questions:

CHOOSING YOUR TOPIC

My chosen topic in question form:

Teacher's Approval

DUE Tuesday, September 13, 2022

Students Name:

Assignment #1

PROJECT PLANNING FORM

Due Tuesday, September 27, 2022

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 water, then more salt will dissolve.

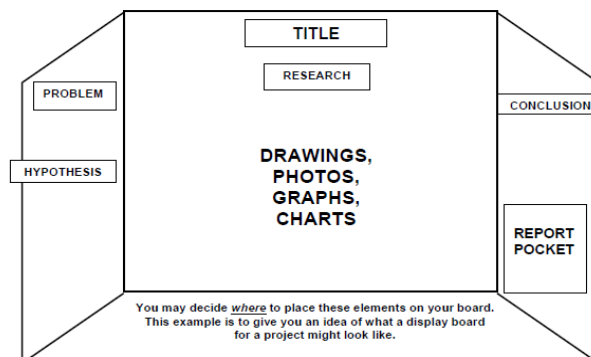
My hypothesis- If _____, then _____

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- _____



Students Name:

Assignment #2

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)



Due: Tuesday, October 11, 2022

Students Name:

Assignment #3

MATERIALS NEEDED FOR INVESTIGATION



Due: Tuesday, October 11, 2022

Students Name:

DATA

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

Due: Tuesday, October 25, 2022

Students Name:

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 _____

Due: Tuesday, October 25, 2022

Students Name:

Assignment #4

WHAT DID I FIND OUT?

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

CONCLUSION- Think about what your results mean.

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



Due: Tuesday, October 25, 2022

Students Name:

Assignment #5

RESEARCH YOUR TOPIC

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

REFERENCE #1 _____

Notes

Students Name:

REFERENCE #2._____

Notes

REFERENCE #3

Notes

Students Name:

Due: Tuesday, November 1, 2022