

brocess \_ starts when you question about observe nething you \_\_\_

Why How

When? What

eeds to be a

testable question, not one opinion

sed upon

Research what is KNOWN about your question. Learn

from others who may have already conducted experiments

Your question may already have been answered

You may go

back and ask another question



A hypothesis is an educated



quess about the answer

to your question.

It is your prediction about the outcome of

any experiments you design

It should be MEASUrable

and not Obinion based.

Designed to test your hypothesis. It should be a fair test with appropriate

variables and

controls . It should be ab to be repeated by you

and be able to be repeated

by other Scientists

egardless if your nupothesis was right or Wrong , you

ow have information

Share ! It could be in a report to your classmates, fair or even

science ublished in a \_\_SCIENCE

iournal. Other scientists

ant to know what you've found!

# CONCLUSION

Developing a CONCLUSION is the point where you reach a determination about your hypothesis. Was it right or wrong? If it



Organize and analyze your data . It may help to use



a chart ora graph to

help VISUAlize your data. Always

ask yourself if you

got any unexpected results

or **EVYOVS** that might mean

a problem with a your experiment.

Collect all of your dota and observations in a journ Record it \_\_ ACCUYAtely an don't try to make it fit you hubothesis ! Always use correct units



measuremen

and be sure to wri down the time and date.