Introduction to Science Notes

Observations:

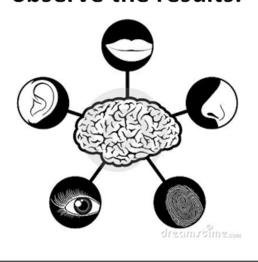
When you observe, you become aware of something using one of your senses. Your five senses are smell, taste, sight, touch, and sound.

In an observation, you simply describe something as it appears.

An observation is a statement describing a fact.

Qualitative observations

use your senses to observe the results.

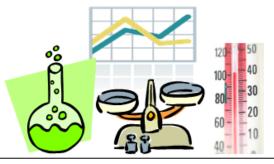


Qua<u>N</u>titative observations

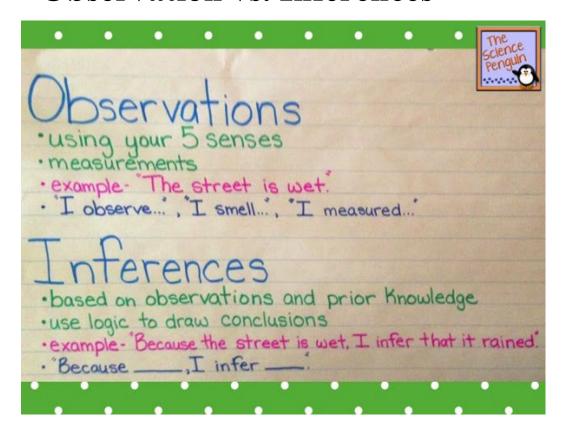
are made with instruments such as rulers, balances, graduated cylinders, beakers, and thermometers.

These results are measurable.





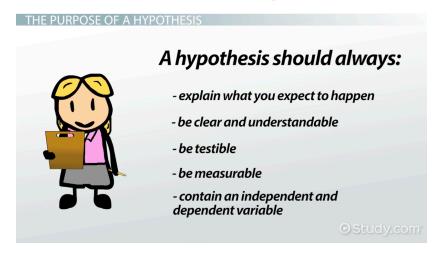
Observation vs. Inferences



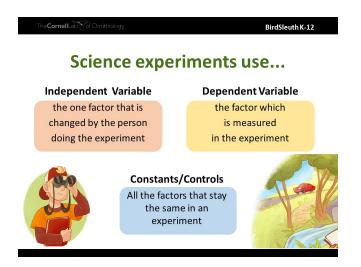
Hypothesis

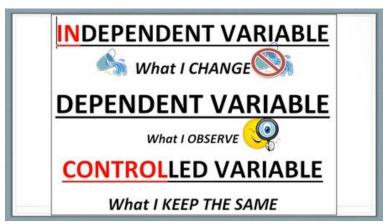
What is a hypothesis?

 A hypothesis is a prediction of some sort regarding the possible outcomes of a study.



Variables





Science Tools

