

Observations

Qualitative: descriptive, not measurable, subjective, usually has to do with the senses

(Quality = Qualitative)

shiny magnet colors
pretty lights textures
slimy fish flavors
 smells

Quantitative: measurable numerical data

(Quantity = Quantitative)

mass height speed - - There are 5 fish in tank
volume distance length -
density

Sep 4-10:41 AM

Inference

Inference: a logical explanation of an observation

EXAMPLE

Observation: The trees are moving.

Inference: The wind is blowing.

- It's based on prior knowledge and experiences
- Changes as more information is acquired or observations are made.

Example: Write an inference for this observation and raise your hand when you're done.

Observation - A student is sitting in the office.

Inferences -

they are sick

waiting for someone

in trouble

Sep 5-10:16 AM

Record in your journal

Observation

Inference:

* Can't be one that's already been mentioned.

Sep 22-1:25 PM

Create the following in your journal

Station #	Qualitative Observation (QL)	Quantitative Observation (QT)	Inference

Complete this table for each station, individually

Sep 21-4:08 PM