

Making Observations

Physical Science

Vocabulary Activity - Teacher Edition

Vocabulary Word

Definition:



Observation

An observation is an active acquisition of information from a primary source. Making observations requires using the senses. Observation can also be recording data during an experiment.



Inference

An inference is a conclusion based on the observations you have made



Senses

What are the five senses?

1. Sight
2. Hearing
3. Touch
4. Smell
5. Taste

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Qualitative Observation

Qualitative observations are made when you use your senses to observe the results (sight, smell, touch, taste, and hearing).



Quantitative Observation

Quantitative observations are made with instruments such as rulers, balances, graduated cylinders, beakers, and thermometers. These results are measurable.