

Vocabulary Words

1. **Independent Variable**- the part of the experiment controlled or changed by the experimenter
2. **Dependent Variable**- the part of the experiment that changes because of the independent variable, you observe or measure this part to collect data
3. **Constant**- part of the experiment that remains the same throughout to prevent affecting the outcome
4. **Control**- standard of comparison, in the “natural” state
5. **Hypothesis**- educated guess or prediction
6. **Qualitative Observation**- use words to describe something’s appearance such as color or texture
7. **Quantitative Observation**- use numbers to describe information about an object such as mass, length, or volume.
8. **Inference**- is an attempt to explain or interpret observations or to identify the cause of what was observed.
9. **Question**- you are trying to answer this with your experiment