Modeling in Science!

Observations

Something that you have seen, heard, felt, tasted, or smelled.

Tools are often helpful for taking observations.

Inferences

A conclusion based on evidence and reasoning.

Model

A representation that gets CLOSE to working like the real thing.

It doesn't have to be a physical thing that you make (like a model airplane). The model is the IDEA about how something works.

Sometimes models that *we know are wrong* are still really useful in understanding something.

Falsify

To try to prove that something is false.

If you can't falsify something, that makes it more likely that it's true ☺

Key Words

- Observations
- Inferences
- Model
- Falsify