

Observation ~ To patiently watch something using your 5 senses. If you can't observe it with your 5 senses, then it isn't a scientifically proven fact. (What are the 5 senses? Sight, hearing, smell, taste, touch). Observation = fact = evidence

If you've looked for something, but haven't been able to observe it, then you might make an ***INFERENCE*** about it. An Inference is a guess based off of observations. For example: There was a large footprint in the mud near Yellowstone (observation). Bigfoot must exist (inference).