



What's making me itch? Benchmark

SC.912.N.1.6 Describe how scientific inferences are drawn from scientific observations and provide examples from the content being studied.

Vocabulary Sheet

Observation: is either an activity of a living being, such as a human, consisting of receiving knowledge of the outside world through the senses, or the recording of data using scientific instruments

Inference: is the act or process of deriving logical conclusions from premises known or assumed to be true. The conclusion may be correct or incorrect, or correct to within a certain degree of accuracy, or correct in certain situations. Conclusions are inferred from multiple observations and may be tested by additional observations.

Cyanobacteria: also known as blue-green algae, blue-green bacteria, and Cyanophyta) is a phylum of bacteria that obtain their energy through photosynthesis. The name "cyanobacteria" comes from the color of the bacteria

Lyngbya: a genus of Cyanobacteria that was found in the Indian River Lagoon

Taxonomic: the academic discipline of defining groups of biological organisms on the basis of shared common characteristics and giving names to those groups. Each group is given a rank and groups of a given rank can be aggregated to form a super group of higher rank and thus create a hierarchical classification.http://en.wikipedia.org/wiki/Taxonomic_cite_note-Judd-1#cite_note-Judd-1



What's making me itch? Guiding Questions

1. What is the problem the narrator is trying to solve?
2. Give two examples of Observations and Inferences from the video.
3. What were the results of the research done by the narrator and why is it important?
4. Give an example of a time that you used observations and inferences to better understand your environment.