

Classification and diversity review

2 part naming system known as binomial nomenclature- uses genus and species, and allows us to classify living things because they are numerous and diverse.

7 levels of classification kpcofgs.

Monera-old kingdom of bacteria

Eubacteria and archaebacteria have differences in their cell walls

Prokaryotes versus eukaryotes

Zooplankton and phytoplankton

Positives and negatives about bacteria

4 types of animal like protists(20 points)

Usefulness of vaccines/ viral infections

Pathogen-something that makes us sick

Viruses have DNA or RNA surrounded by a protein coat called a capsid

Viruses that invade bacteria are called a bacteriophage

A derived characteristic can also be referred to as an evolutionary innovation and allows scientists to build cladograms