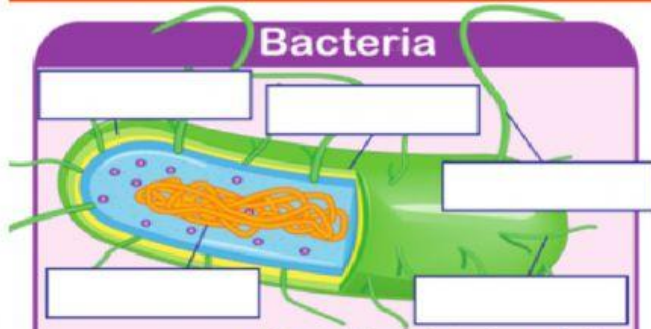


Microlife - Bacteria, Fungi & Protists

Bacteria

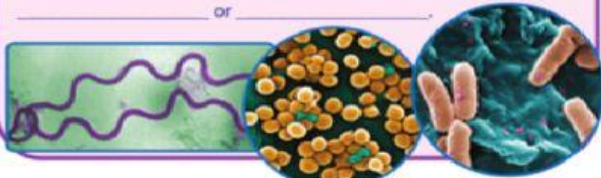


_____ are the most abundant organisms on Earth. They thrive in diverse conditions and places, including our bodies. _____ are **single celled** organisms. They are considered _____, since their DNA is in the cytoplasm and not within a _____.

Although some **bacteria** can cause disease, most bacteria types are beneficial in _____ and _____, and _____.

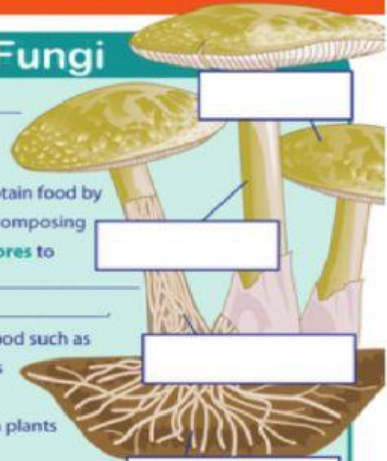
Shapes of Bacteria

Bacteria have one of three basic shapes: _____ or _____.



Fungi

Fungi are _____ (have a cell nucleus) with **cell walls**, are _____ that obtain food by absorbing nutrients by decomposing organic matter and use **spores** to reproduce. Fungi recycle _____ and provide us with _____, while others are used for food such as mushrooms. Select species of fungi have the ability to _____ in both plants and animals.



Classification of fungi



Club fungi



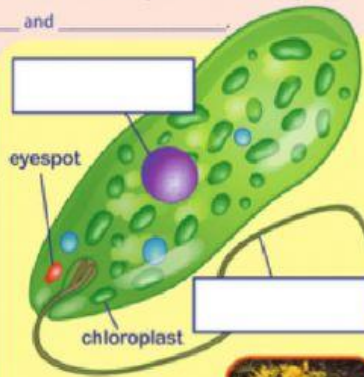
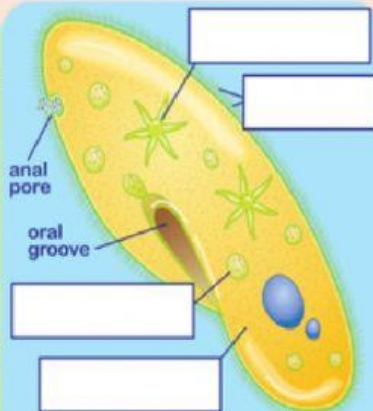
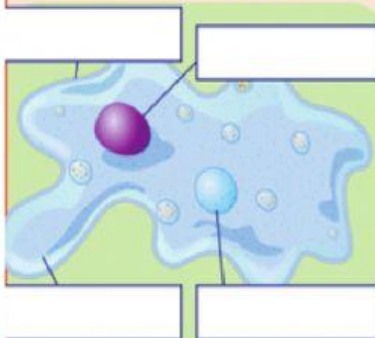
Sac fungi



Zygote fungi

Protists

The _____ kingdom is the most diverse. Some **protists** are _____ while others _____. The wide variety of characteristics of the numerous protist species makes it difficult to categorize them, but scientists developed a method that places each species into one of three separate categories: _____ and _____.



_____ are **animal-like** and feed on bacteria and smaller protists.

_____ are **animal-like** protists that live in fresh water and feed on bacteria and smaller protists.

_____ are **unicellular algae** that live in fresh water and can make their own food in the presence of sunlight.



_____ like fungi are **heterotrophs** and use spores to reproduce.

slime mold

Key Vocabulary Terms

- Amoeba
- animal-like
- antibiotic
- bacteria
- cell wall
- cilia
- Club fungi
- cytoplasm
- Euglenoids
- eukaryotes
- flagellum
- fungus-like
- heterotrophs
- nucleus
- Paramecium
- plant-like
- plasma membrane
- pseudopod
- protist
- rodlike
- Sac fungi
- spherical
- vacuole
- Zygoter fungi



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