

Microbes Assignment

Vocabulary:

In a short phrase, define each of the following (in your own words):

Algae
Archae
Bacillus
Bacteria
Binary fission
Hyphae
Slime molds
Capsule
Cilia
Cell Wall
Cocci
Endospores
Endosymbiosis
Flagella
Pathogen
Protists
Thallus
Fruiting body
Yeast
Virion
Capsid
Icosahedral

Find a microbial organism or virus of interest to you. Look it up and provide the following: (Typed and on a clean, unlined sheet of paper)

1. The name (common and scientific) and classification- is it a bacteria, archaea, protist or fungi?
2. A description of the organism's life cycle- where does it live? How does it obtain food? How does it reproduce? Is it free-living or parasitic?
3. Either draw a detailed, labeled diagram of the organism or make a model of the organism.
4. Describe how/if the organism is relevant to humans- is it used in industry, is it a pathogen, is it used in research? Etc...

DUE: Monday April 9th