

Characteristics of Living Things:

-Movement.

-Respiration.

-Sensitivity.

-Growth.

-Reproduction.

-Excretion.

-Nutrition.

Levels of Classification

-Kingdom.

-Phylum.

-Class.

-Order.

-Family.

-Genus.

-Species.

Species: a group of organisms that can reproduce to produce fertile offspring.

Binomial System

-System of naming species.

-Two parts showing the genus and species.

Genus species

Kingdoms of Life

-Prokaryotes.

-Protocist.

-Fungi.

-Plants.

-Animals.

Kingdom Prokaryotes

- Often Unicellular.

- No nucleus.

- Murein cell wall

- No mitochondria.

- Some photosynthesize.

- Some are harmful eg:Cholera & tuberculosis.

- Some play role in the carbon/nitrogen cycle.

- Some are used in biotechnology
eg:treatment of sewage & making insulin

Bacteria: Single, very small cell, no true nucleus but have a cell wall.

Kingdom Protocist

- Mostly unicellular but some are multicellular.
eg: seaweed.

- Have nucleus.

-Some are plant-like w/ chloroplast & cellulose cell walls others are animal like.

- Some are autotrophs others are heterotrophs.

eg: Algae, Protozoa & Slime moulds.



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