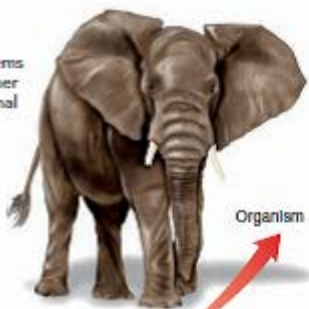


Organism
Organ systems work together in a functional organism.



Organism



Population

Population
A population consists of organisms of the same species.

Organ system
(e.g., skeletal system) Tissues and organs make up organ systems.

Organ system



Organ

Organ
(e.g., bone) Tissues form organs.



Tissue

Tissue
(e.g., bone tissue) Cells associate to form tissues.



Cell

Cellular level
Atoms and molecules form organelles, such as the nucleus and mitochondria (the site of many energy transformations). Organelles perform various functions of the cell.



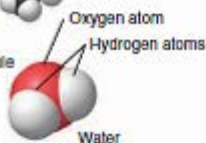
Organelle

Chemical level
Atoms join to form molecules. Macromolecules are large molecules such as proteins and DNA.

Macromolecule



Molecule



Water

Community
The populations of different species that populate the same area make up a community.



Community

Ecosystem
A community together with the nonliving environment forms an ecosystem.



Ecosystem

Biosphere
Earth and all of its communities constitute the biosphere.



Biosphere