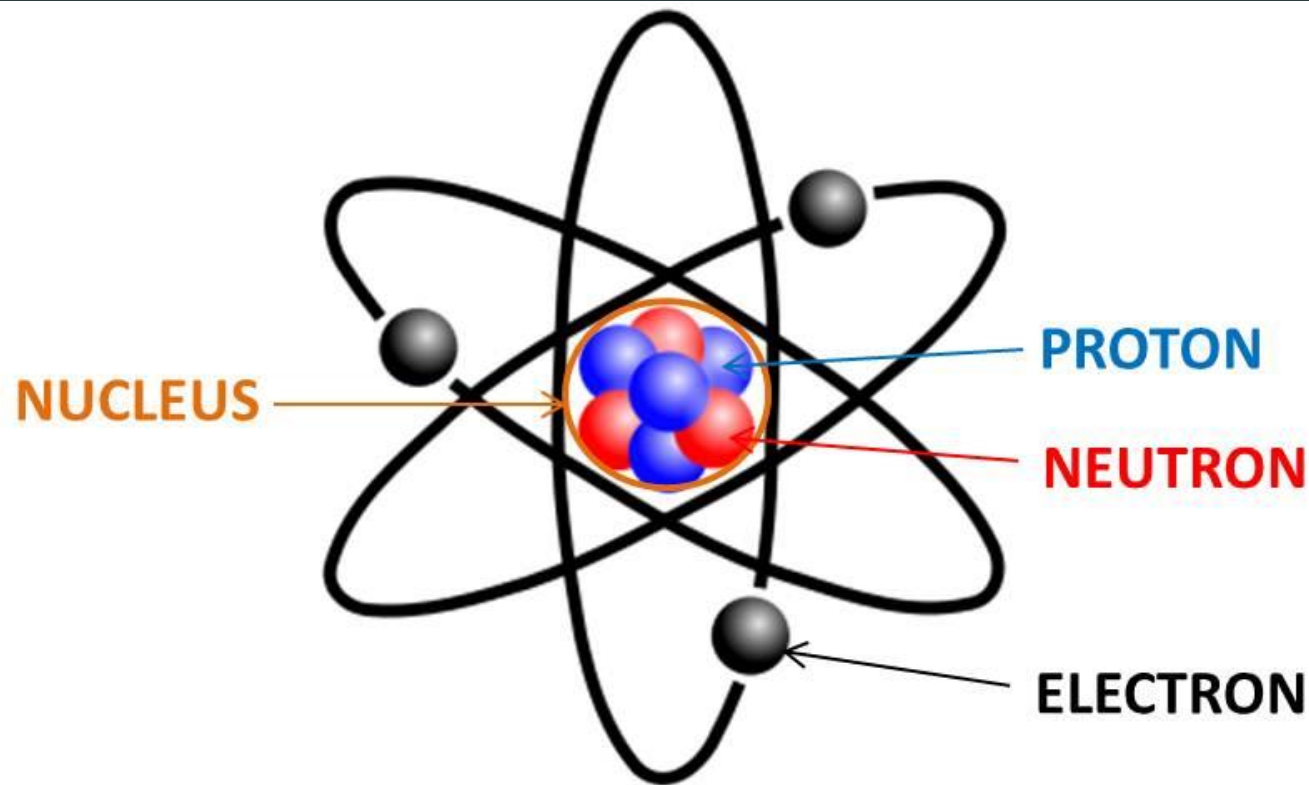


Levels of

- ▶ **Organization**

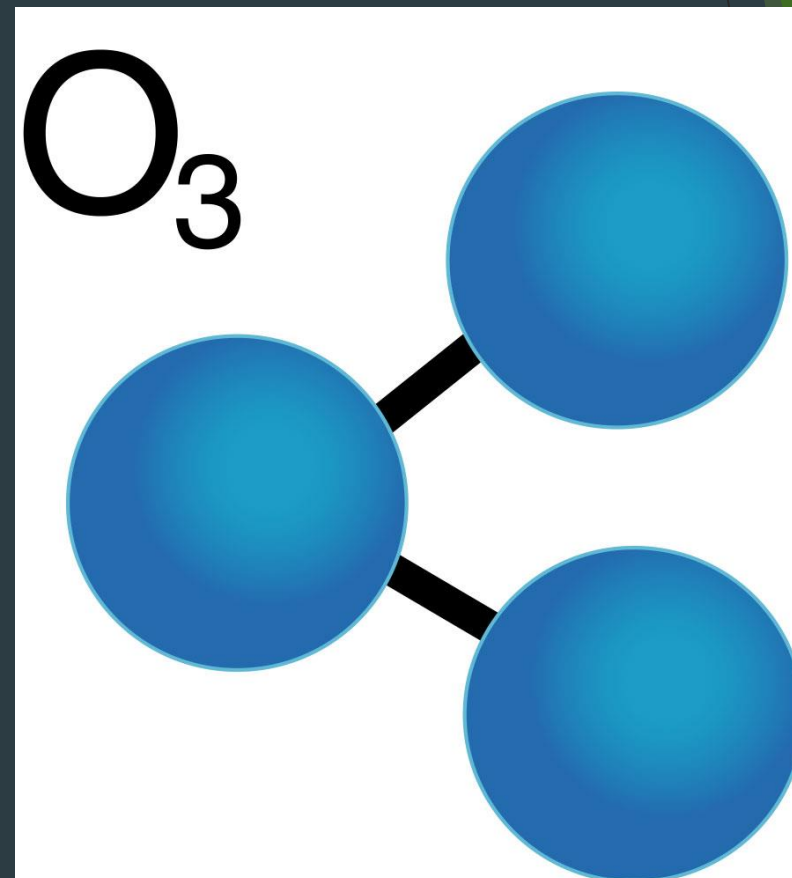
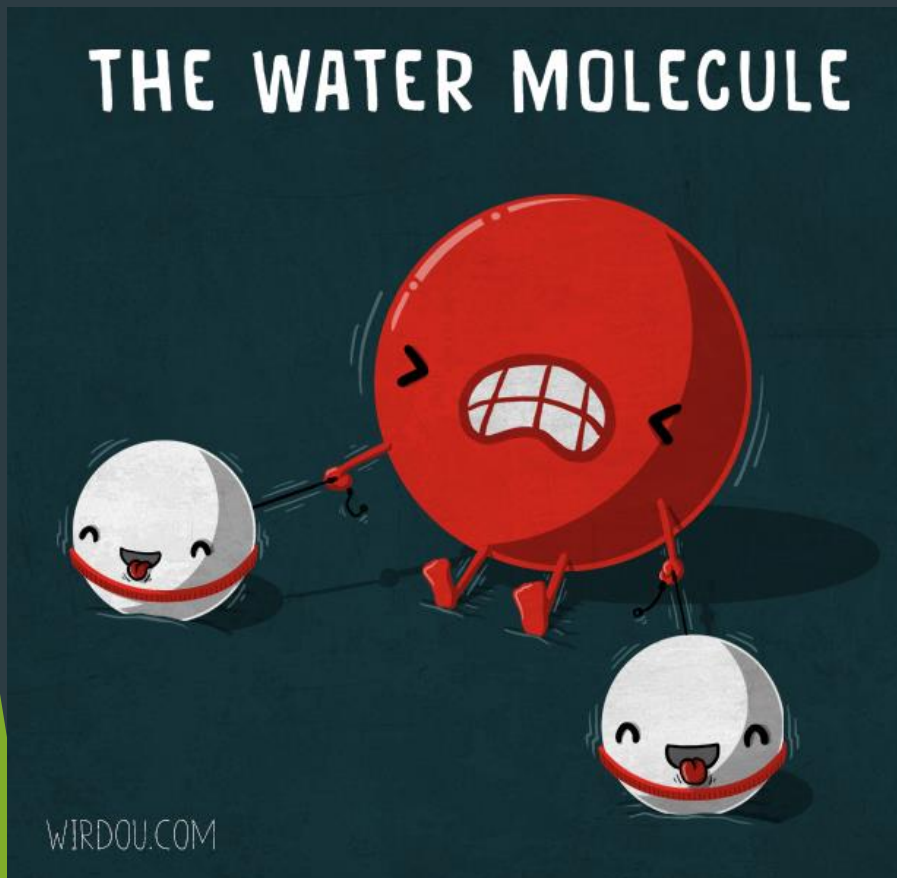
Atom

- ▶ Smallest unit of matter.



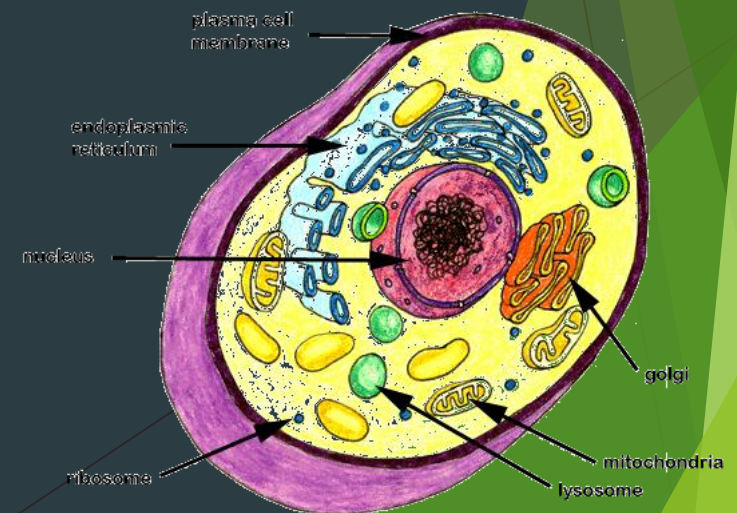
Molecule

- ▶ Group of atoms bonded together



Cell

- ▶ The cell is the basic unit of structure and function of a living thing.
- ▶ Cells are specialized by size and shape for the job they do



Tissue

- Tissues are made of the same type of cells grouped together to do a specific job.



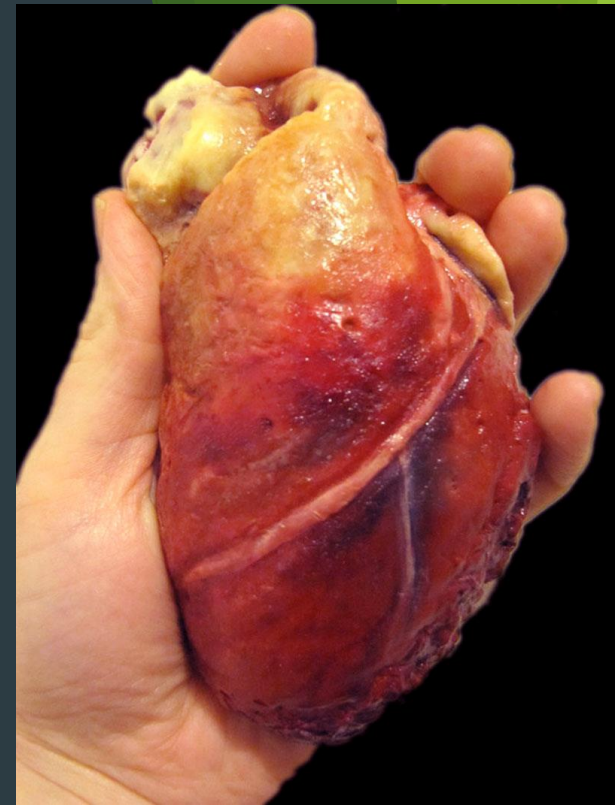
Examples: 4 different types of animal tissues are epithelial, muscle, nervous, and connective. This pink sponge has only cells but they are not organized into tissues. The blue Man-o-war has tissues but no organs.



Organ

- Organs are made up of different tissues that work together to do a job.

Example: a heart is an organ made of all four tissues, this coral polyp is an organ and a leaf is a plant organ.

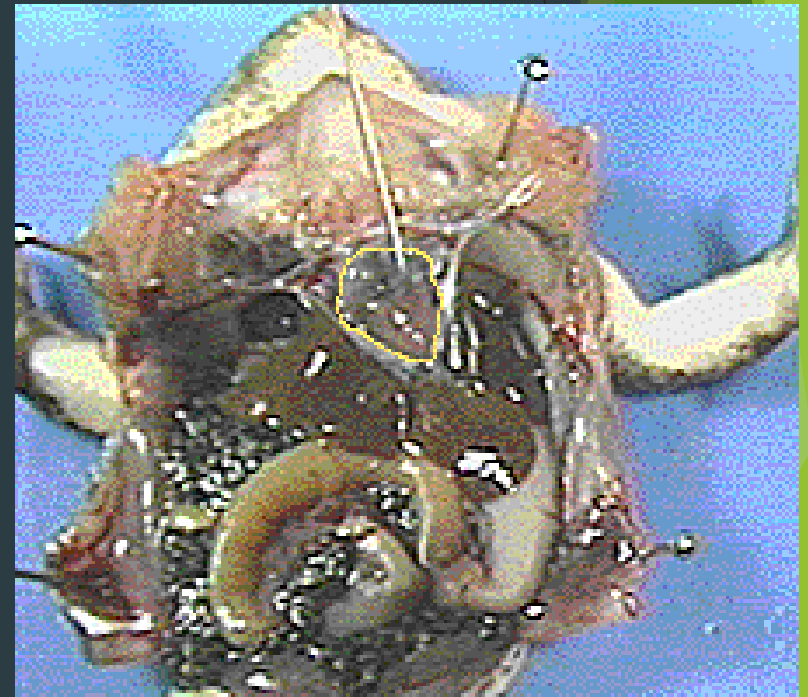


Organ System

- An organ system is a group of organs working together to perform a function or functions.

Example: Human organ systems include circulatory, reproductive, digestive, nervous, respiratory.

Plant organ system-roots, stems,leaves=
transport system.



Organism

- An individual living thing
- Can be multicellular or unicellular
- Has all 7 characteristics of life



Population

- A group of the same type of organisms all living together in the same place.



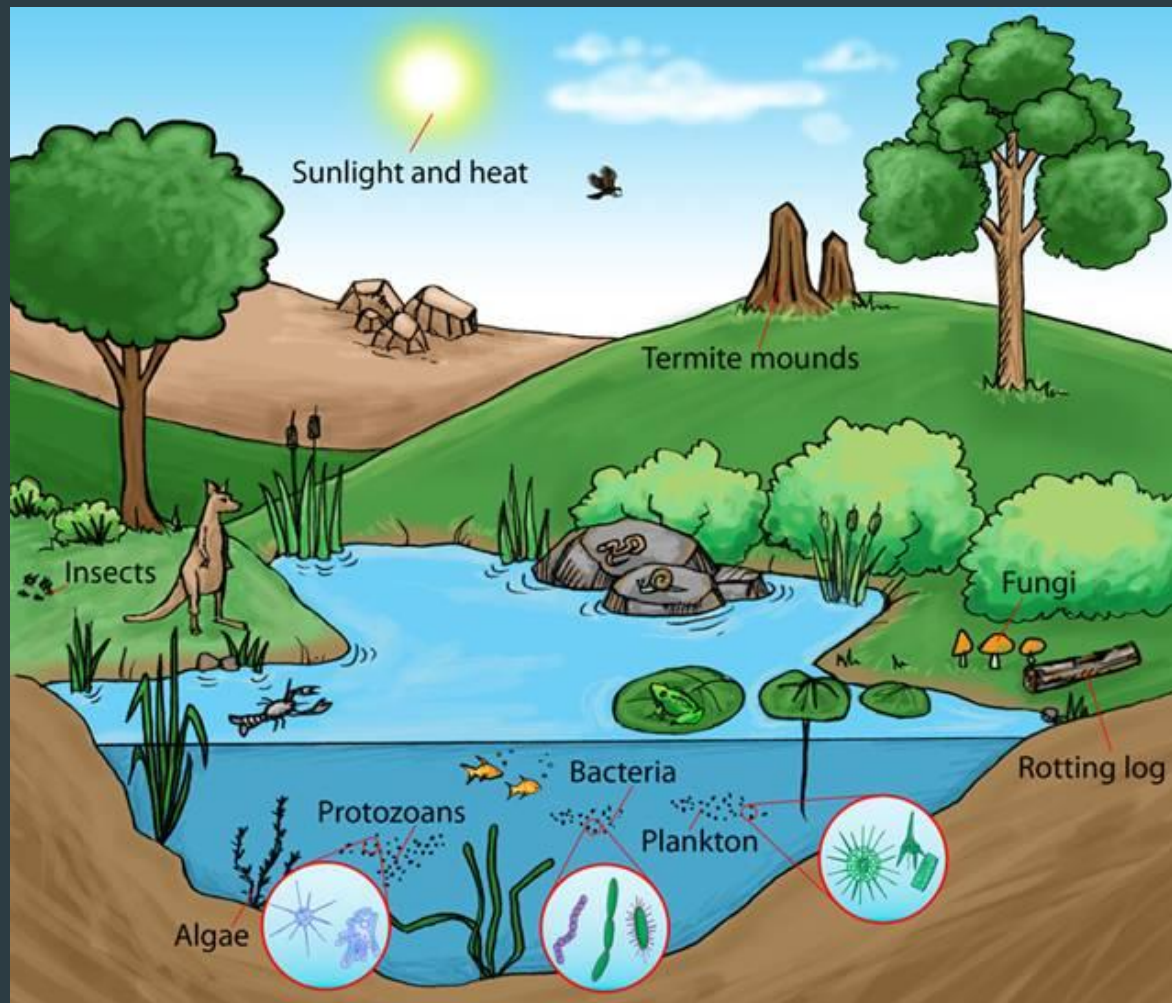
Community

- Multiple populations living together in one area.



Ecosystem

- All organisms that live in a particular area and the non living environment



Biosphere

- The part of the Earth in which life exists.

