

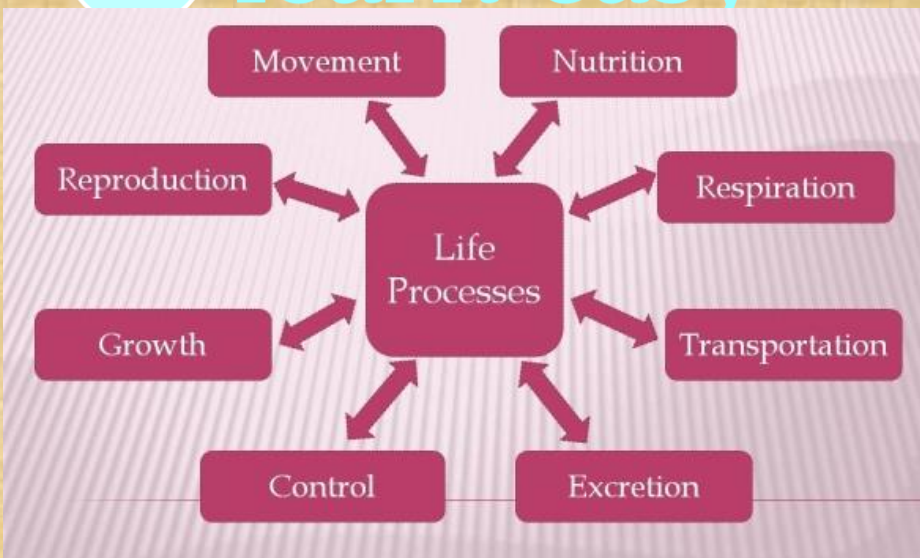
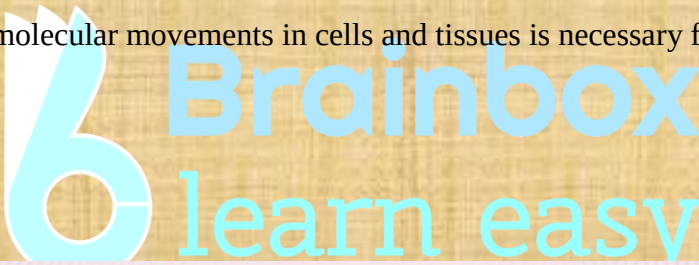
Chapter 6

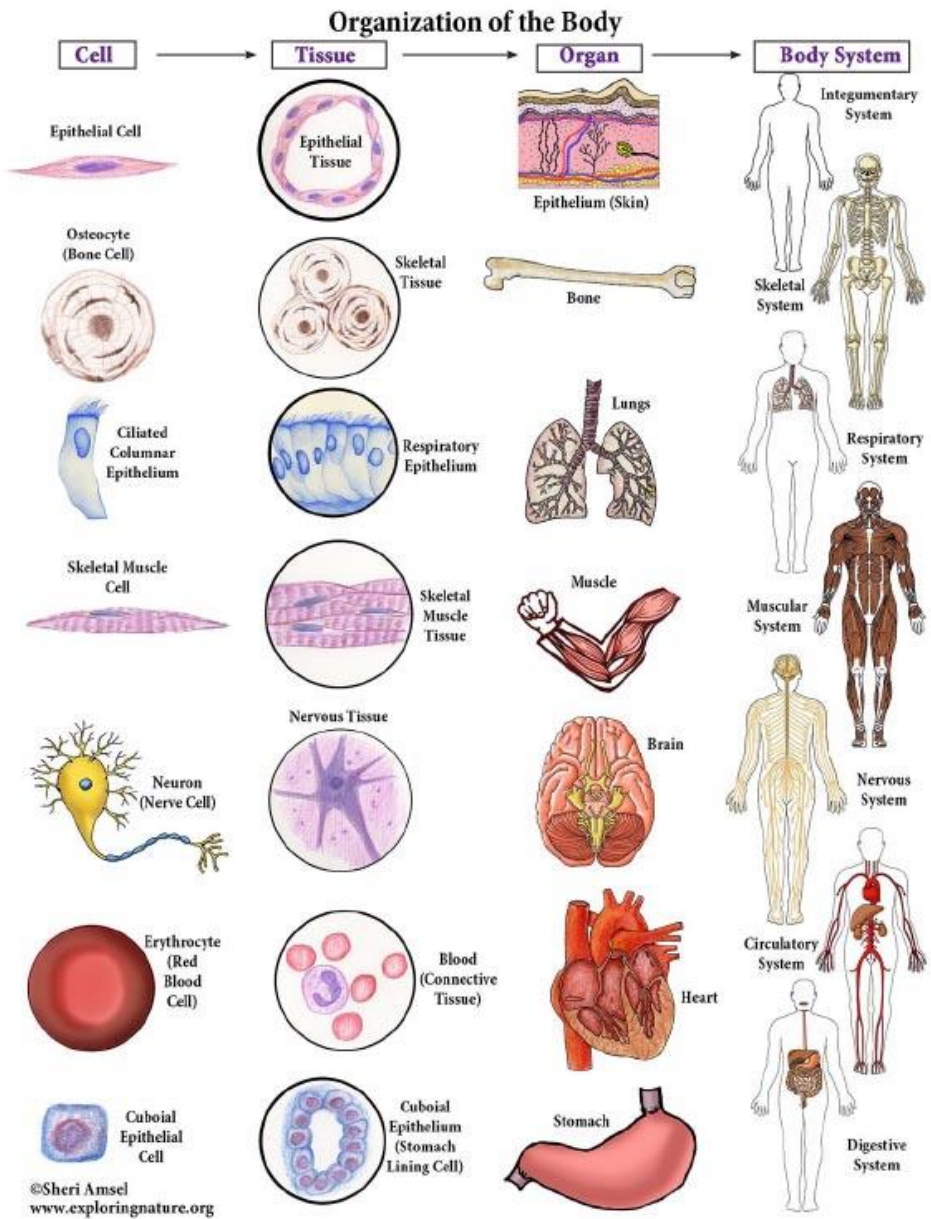
LIFE PROCESSES

Life processes are the basic processes in living organisms, which are necessary for maintaining their life. The basic life processes are – nutrition, respiration, transportation, and excretion.

Criteria to decide whether something is alive:

1. The most important criteria to decide whether something is alive is movement.
2. All living things move without the help of any external help.
3. Some movements are easily visible like the movements of body parts.
4. Some movements are not easily visible like molecular movements.
5. The molecular movements in cells and tissues is necessary for all life processes.





i) **Nutrition:** is the process of taking food by an organism and its utilization by the body for life processes.

- ii) **Respiration:** is the process by which food is burnt in the cells of the body with the help of oxygen to release energy.
- iii) **Transportation:** is the process by which food, oxygen, water, waste products are carried from one part of the body to the other,
- iv) **Excretion:** is the process by which waste products are removed from the body.

