

VIDYA BHAWAN BALIKA VIDYAPEETH

STUDY MATERIAL SCIENCE

CLASS-VI

Date : 22-06-2021

Teacher : Poonam Kumari



Life around us :

5. Respiration

- Respiration is a process in which oxygen taken by an organism combines with reserved food, undergoes oxidation and releases energy.
- Breathing: Taking in air and releasing it in animals is referred to as breathing.
- We inhale oxygen (O₂) and exhale carbon dioxide (CO₂).

6. Excretion

- The removal of excretory waste from the body of a living being is called excretion.
- The process of removal of wastes in plants is referred to as secretion.
- Latex, resin and gum are wastes for the plant but useful for us.

7. Response to Stimuli

- Living beings respond to changes in their surroundings.

- **Stimuli:** The factors like food, water, light, touch, gravitational force, etc., are stimuli (stimulus) to which plants and animals respond.

8. Reproduction

- The process of a living being to produce of its own kind is called reproduction.
- Life produces life.
- Plants reproduce through seeds. Some plants also reproduce through vegetative parts.

Aquatic habitat: When organisms live in water, their place of living is known as aquatic habitat.

Biotic component: Living things of a habitat form its biotic component.

Excretion: The removal of nitrogenous waste substances from the body of a living being is called excretion.

Living things: These are the things which need water, air and nutrients for their survival.

Respiration: Respiration is a process in which air taken by an organism combines with the reserved food, undergoes oxidation and releases energy.

Stimulus: The factors like food, water, light, touch, gravitational force, etc., are stimuli to which plants and animals respond.