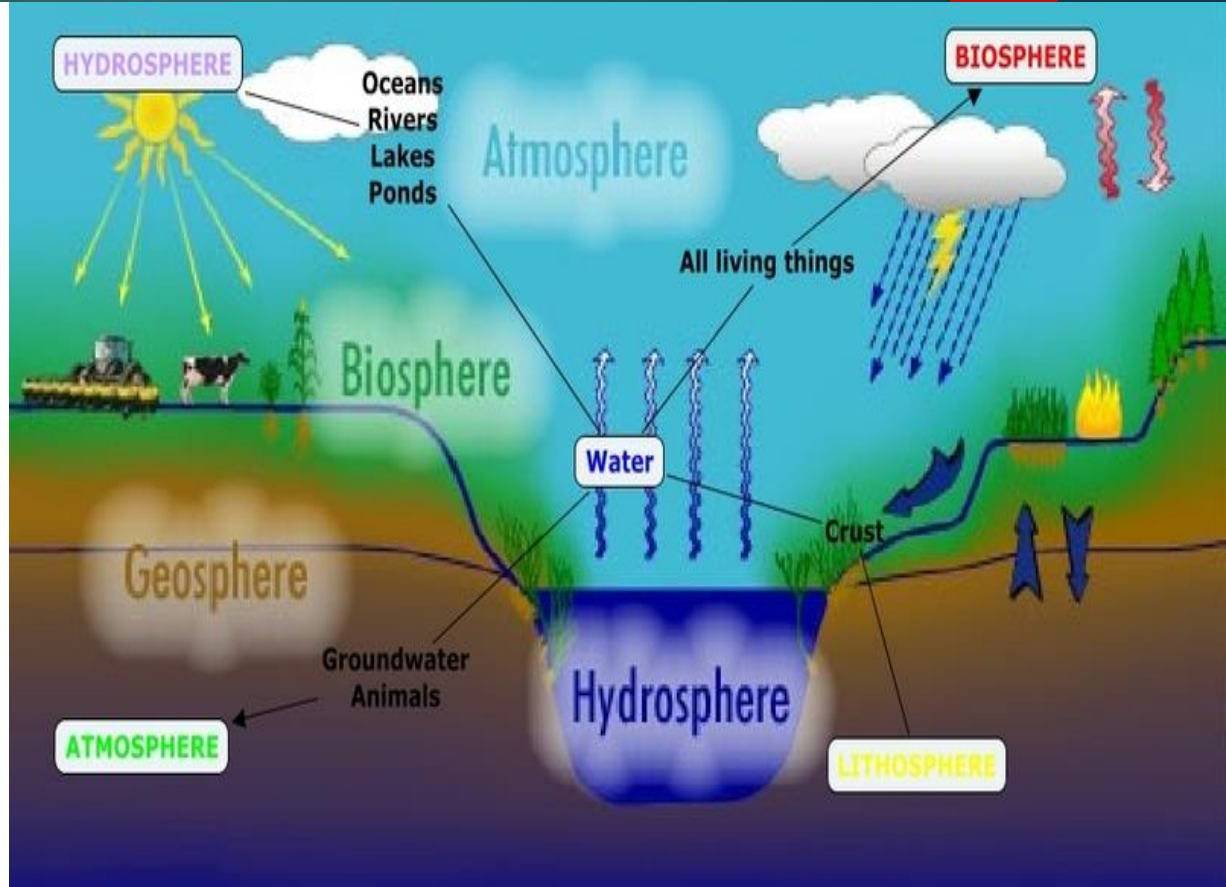
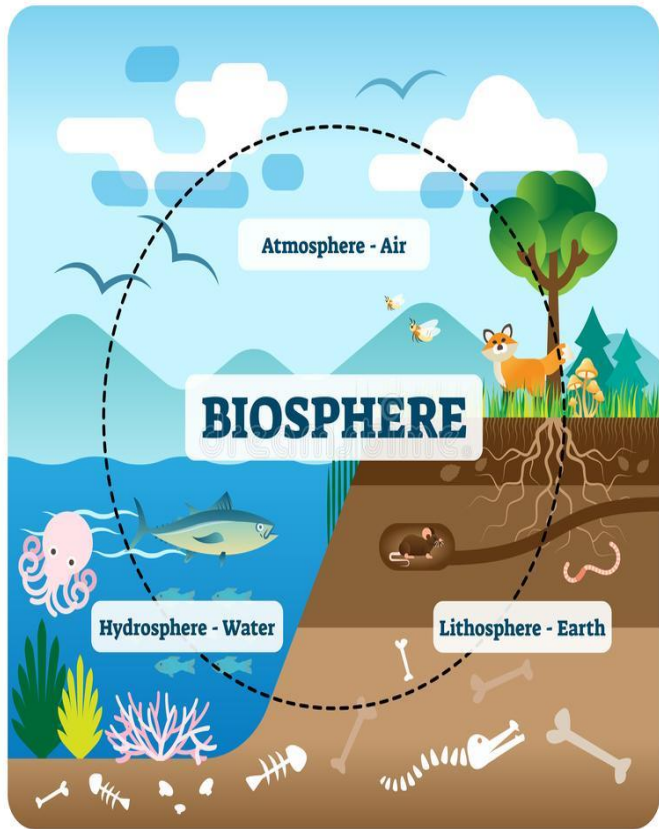


CLASS-8

CHAPTER-2 Land, Soil, Water, Natural Vegetation and Wildlife Resources

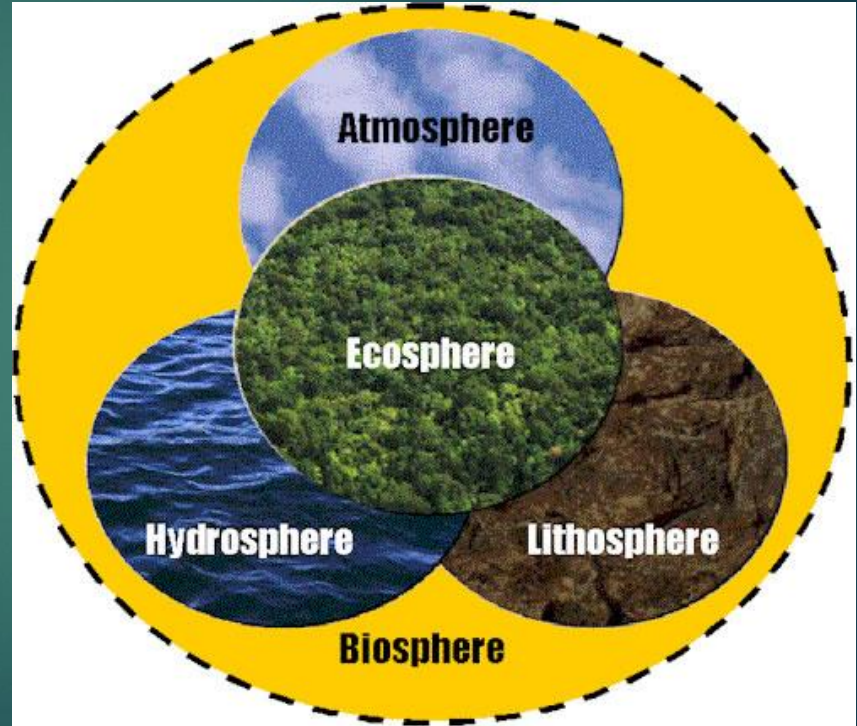
Block 5 PPT- Natural Vegetation And Wildlife

DOMAINS OF THE EARTH

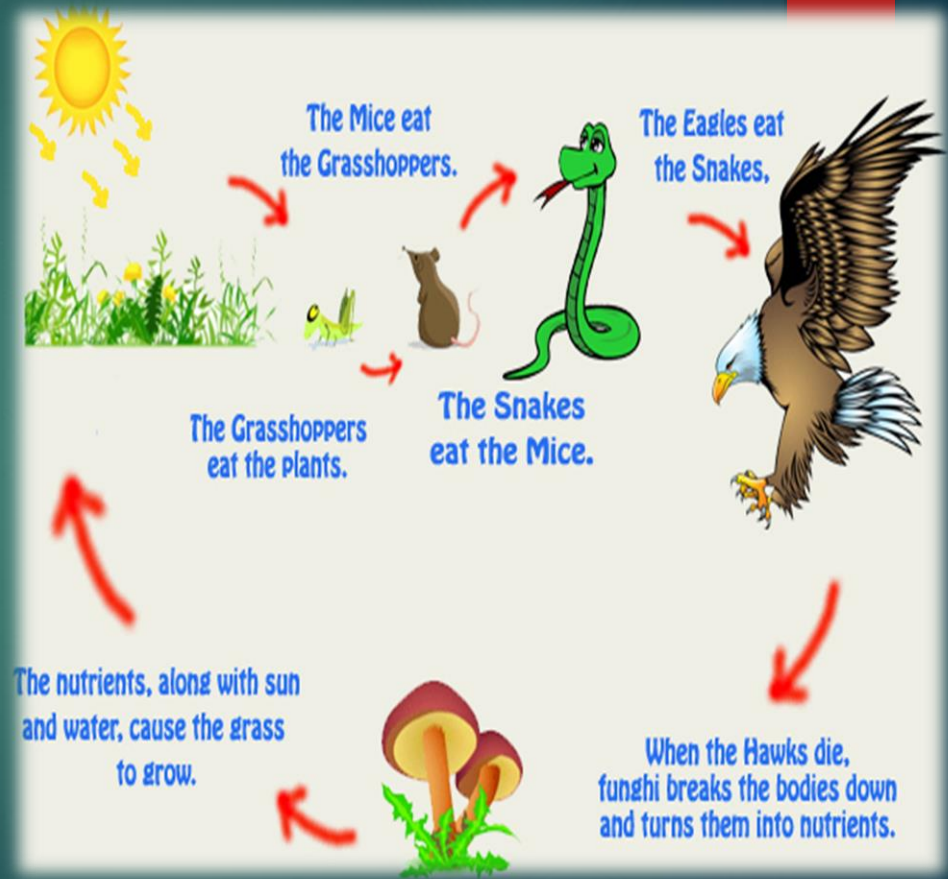


BIOSPHERE

- Natural vegetation and wildlife exist only in the narrow zone of contact between the **lithosphere**, **hydrosphere** and **atmosphere** that we call **biosphere**.

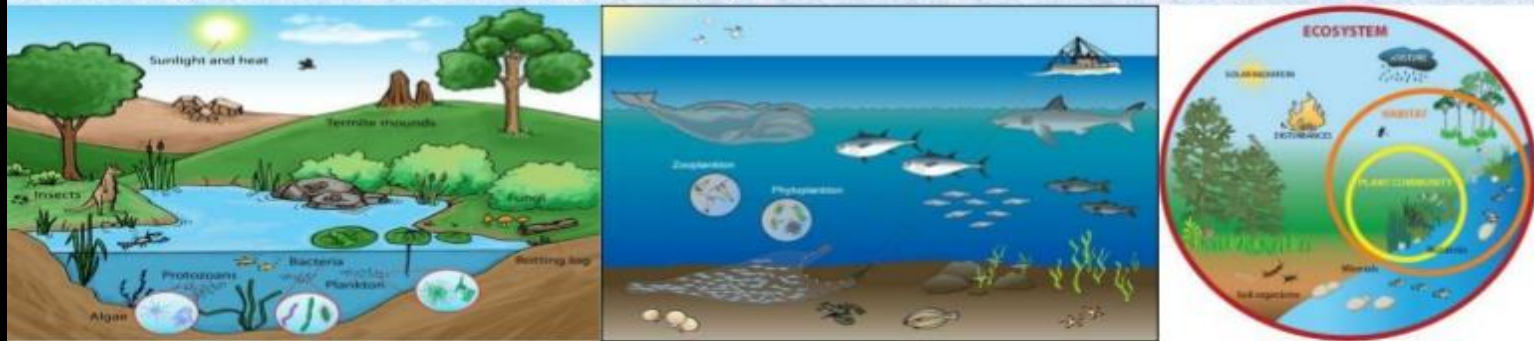


- In the biosphere living beings are inter-related and interdependent on each other for survival.
- This life supporting system is known as the ecosystem.
- **Vegetation and wildlife** are valuable resources.



ECOSYSTEM

- Ecosystem: Defined area in which a community lives with interactions taking place among the organisms between the community and its non-living physical environment.
- An ecosystem is formed by the interactions between all living and non-living things



NATURAL VEGETATION AS A VALUABLE RESOURCES

Plants provide us following:

- i. Timber
- ii. Give shelter to animals
- iii. Produce oxygen we breathe
- iv. Protects soils so essential for growing crops act as shelter belts.
- v. Help in storage of underground water.



1. Give us
 2. Fruits & Nuts
 3. Latex
 4. Turpentine oil
 5. Gum
 6. Medicinal plants and
 7. the paper that is so essential for your studies.
- There are innumerable uses of plants and you can add some more.

Medicinal plants



Latex



Gum

WILDLIFE AS A VALUABLE RESOURCES

Wildlife includes animals, birds, insects as well as the aquatic life forms.



Animals



Birds



Insects

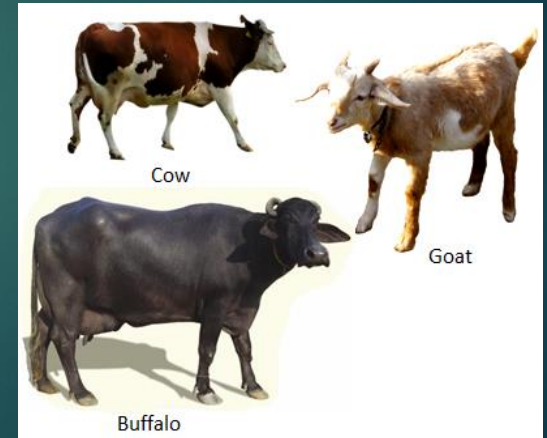


Aquatic life

- wildlife provide us milk, meat, hides and wool.
- Insects like bees provide us honey, help in pollination of flowers and have an important role to play as decomposers in the ecosystem.

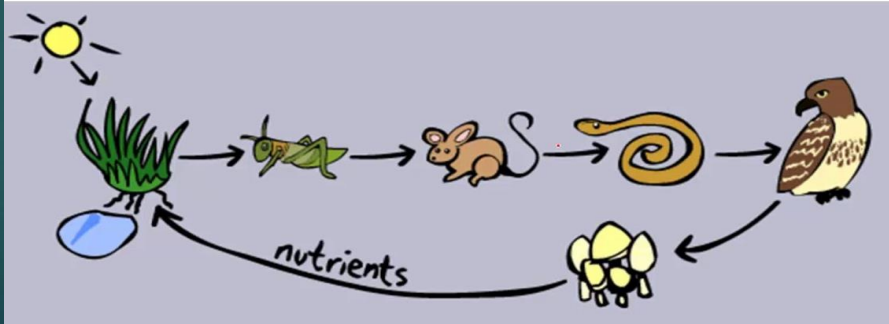


pollination of flowers



- The birds feed on insects and act as **decomposers** as well.
- Vulture** due to its ability to feed on dead livestock is a scavenger and considered a vital cleanser of the environment.
- So animals big or small, all are integral to maintaining balance in the ecosystem.

Decomposers' Role in the Food Web



Do you know?

Vultures in the Indian subcontinent were dying of kidney failure shortly after scavenging livestock treated with diclofenac, a painkiller that is similar to aspirin or ibuprofen. Efforts are on to ban the drug for livestock use and breed vultures in captivity.



LET'S EVALUATE

- **Multiple choice question**

1. Natural vegetation give us:

- a) Fruits & Nuts
- b) Latex
- c) Turpentine oil
- d) All of the above

- **State true and false**

1. The birds feed on insects and act as decomposers as well.

- **Fill in the blank**

1. In the biosphere living beings are inter-related and _____ on each other for survival.



Homework

- Read the topic discussed.
- What do you understand by the term biosphere? Explain.