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Changing your Tomorrow

ECOSYSTEMS

SUBJECT:BIOLOGY

CHAPTER:4

TYPES OF ECOSYSTEM

PERIOD-1

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LEARNING OBJECTIVE

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- Student will be able to understand the meaning of ecosystem.
- Student will be familiarized with living and non living system.
- They will be able to analyze various types of ecosystem.
- Learners will be sensitized about the difference between living and non living.

WARM UP QUESTIONS

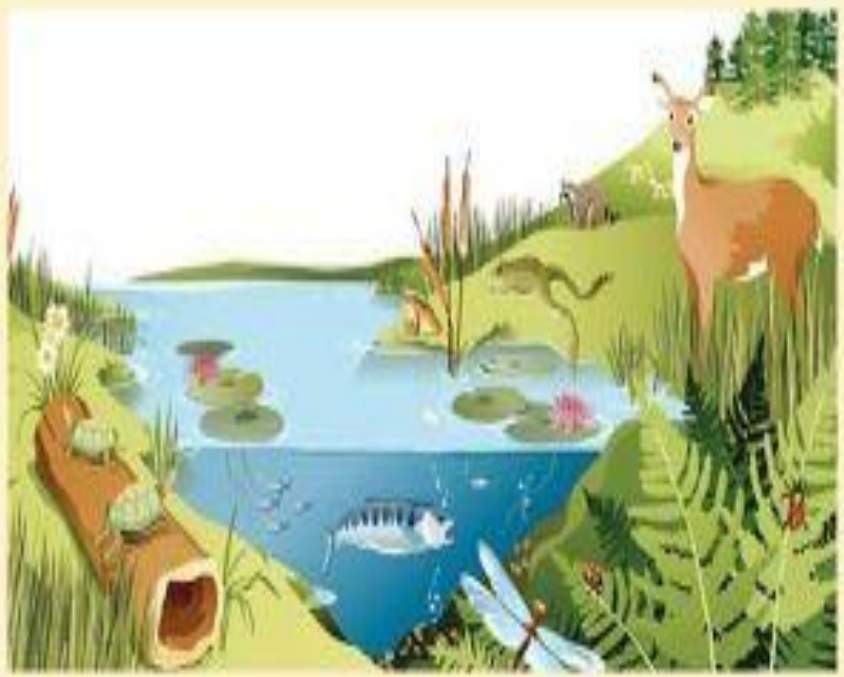
- Define ecosystem.
- Categorize the living and non living things.
- Identify the types of ecosystem.

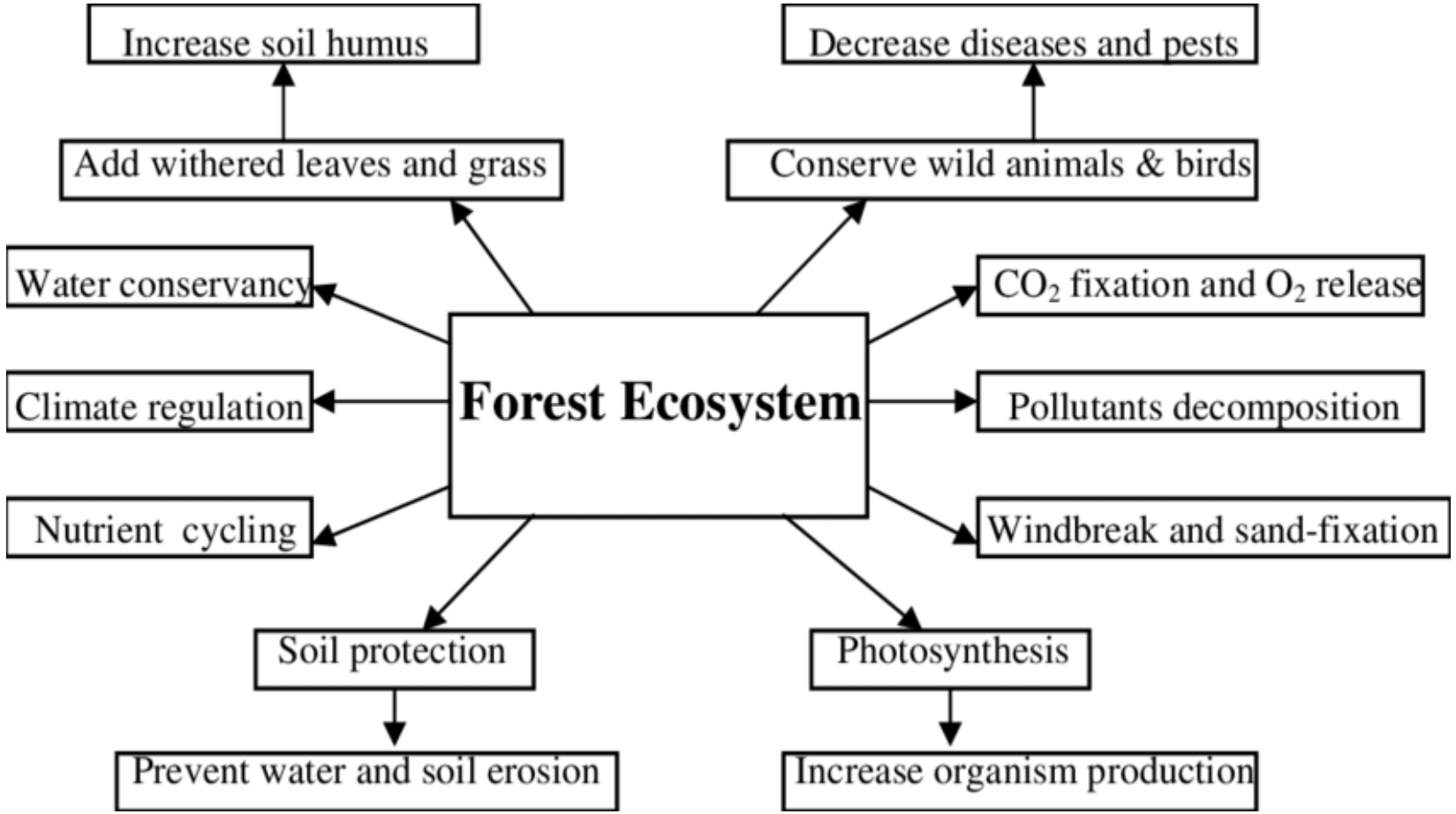
WHAT IS AN ECOSYSTEM?

An ecosystem is a community of living organisms interacting with each other and their non-living environment.

What makes up an ecosystem?

- All living things (plants, animals, and bacteria)
- Non living things (the sun, rocks, and soil)





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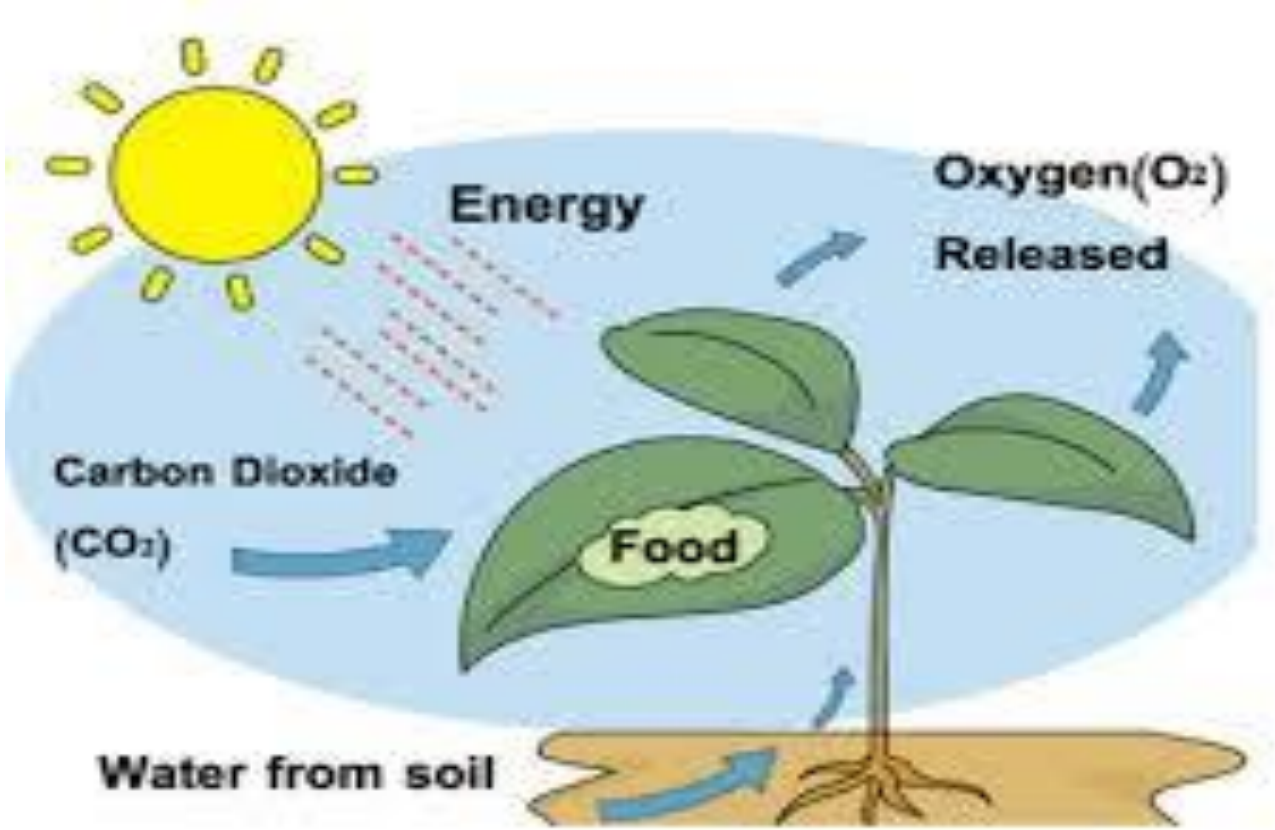
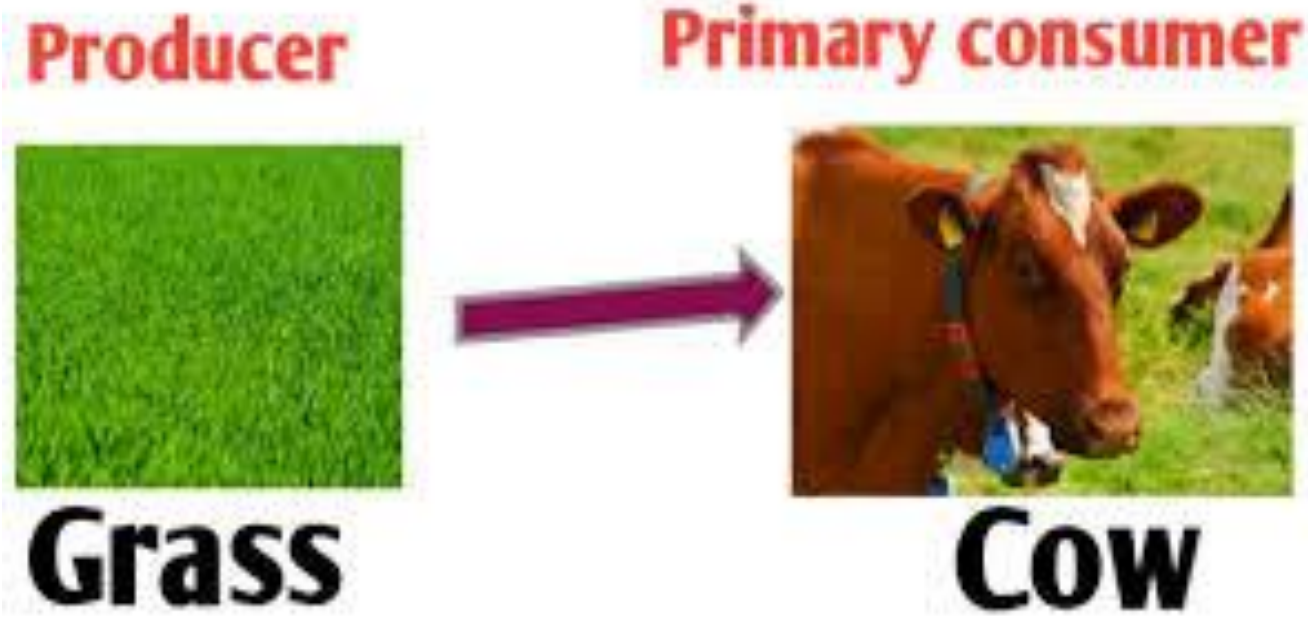
AUTOTROPHS

- An autotroph is an organism that can produce its own food using light, water, carbon dioxide, or other chemicals. Because autotrophs produce their own food, they are sometimes called producers.



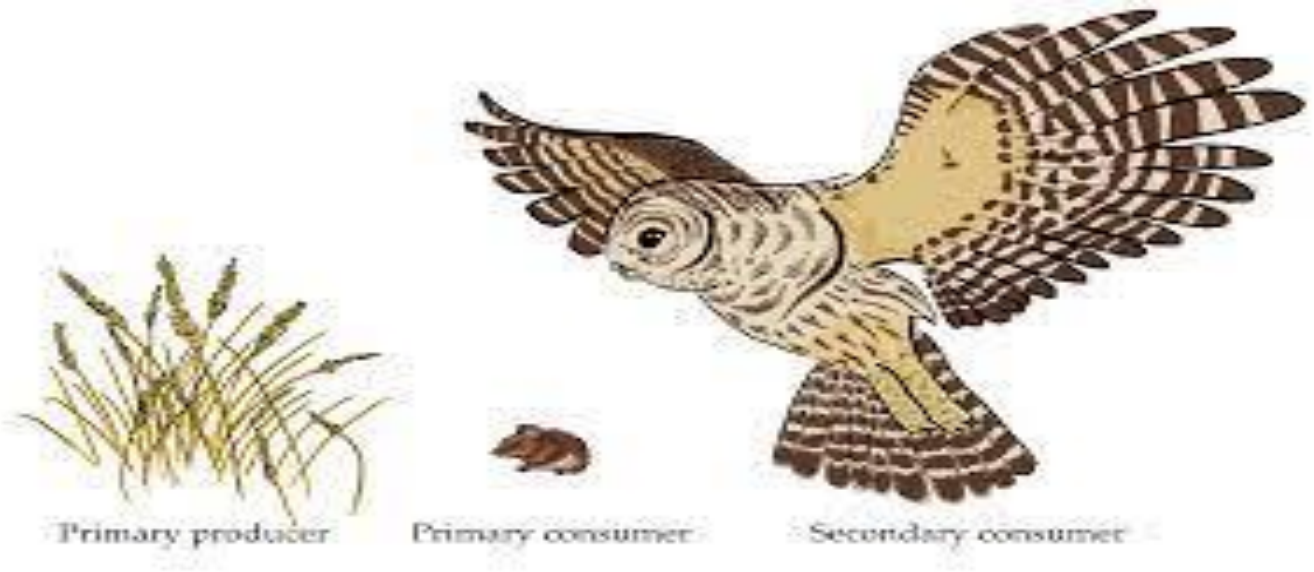
PRIMARY CONSUMERS

- The organisms that eat the producers are the primary consumers. ... The primary consumers are herbivores (vegetarians).



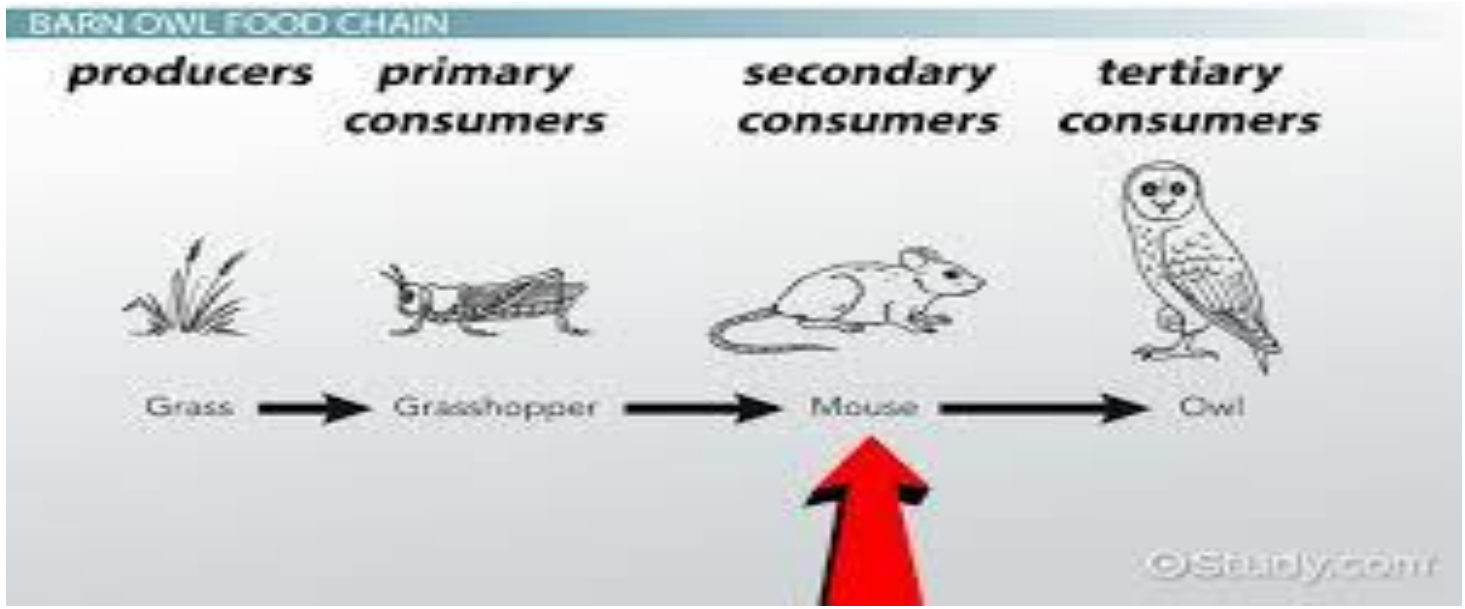
SECONDARY CONSUMERS

- Secondary consumers are organisms that eat primary consumers for energy.
- secondary consumers can either be carnivores or omnivores. Carnivores only eat other animals, and omnivores eat both plant and animal matter.



TERTIARY CONSUMERS

- A tertiary consumer is an animal that obtains its nutrition by eating primary consumers and secondary consumers. Usually tertiary consumers are carnivorous predators, although they may also be omnivores, which are animals that feed on both meat and plant material.



- https://www.youtube.com/watch?v=eGG7hyx_HlA

HOME ASSIGNMENT

Q1.What is artificial ecosystem?

Q2.What are the characteristics of energy transfer in the biosphere?

Q3. Name two aquatic ecosystems.

Q4. Name two terrestrial ecosystems.

Q5.Give two examples of Artificial ecosystems.

Q6.Which is the ultimate source of the energy for an ecosystem?

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THANKING YOU

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