

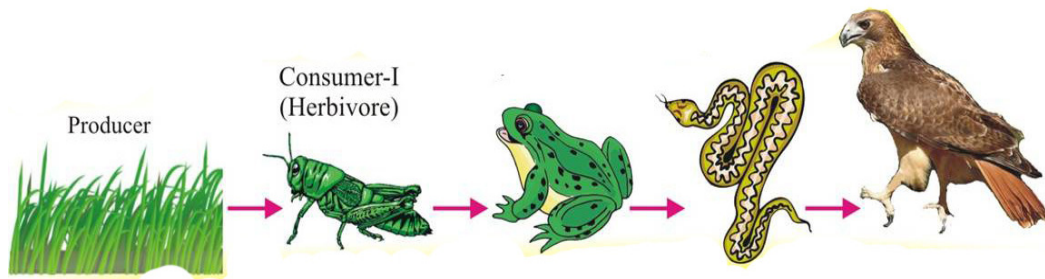
Food Chain and Food Web



Food Chain

A Food chain is formed when one organism eats another organism for food.

- For example, grasshoppers depend on grass and plants for food. Frogs eat the grasshopper. Snakes eat the frogs for their food. This dependence of organisms on one another for food forms a food chain.
- A food chain always starts with plants and ends with carnivorous animals. The primary source of energy of all food chains is the sun that provides energy to the plant to make food.



Food Web

- Several interconnected food chains form a food web. A food web is similar to a food chain but the food web is comparatively larger than a food chain.
- Occasionally, a single organism is consumed by many predators or it consumes several other organisms. Due to this, many trophic levels get interconnected.

Food Chain and Food Web



- The food chain fails to showcase the flow of energy in the right way. But, the food web is able to show the proper representation of energy flow, as it displays the interactions between different organisms.
- When there are more cross-interactions between different food chains, the food web gets more complex. This complexity in a food web leads to a more sustainable ecosystem.

