

Food chain is a step-by-step sequence linking organisms that feed on each other

Producers get their nutrients from the soil, water and air.

Consumers feed on living or once living organisms as a source of energy and nutrients

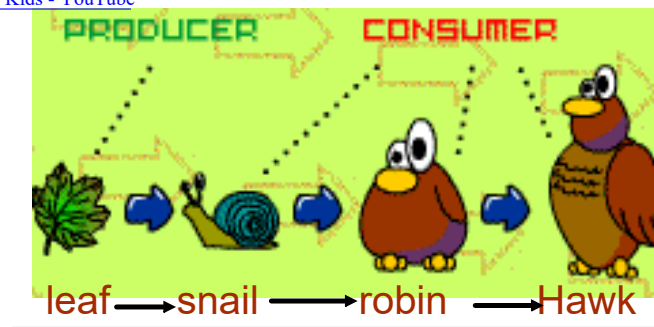
Herbivores get nutrients when they eat producers.

Carnivores get nutrients when they eat herbivores.

Decomposers break down animal wastes and dead organisms.

The actions of decomposers release nutrients back into the soil, water and air so producers can use them again.

[ASL The Food Chain for Kids - YouTube](#)



Arrow direction points to what eats the animal

Food chain effects

Sun → Grass → Grass-hopper → Frog → Hawk

What would happen if the frog population disappeared?

- a) Grasshopper population would increase
- b) Grass would become over-grown
- c) The fish population would decrease
- d) Hawk Populations would increase

Since less animals are eating the grasshopper then it will have little threat and will be able to reproduce. Another effect of removing the frog is that the Hawk would not have food and will decrease its population.