

अजैविक :-

Abiotic

नियमन

गैसी

इट

एवा / H₂O



Biotic जैविक

पक्षी, जानवर

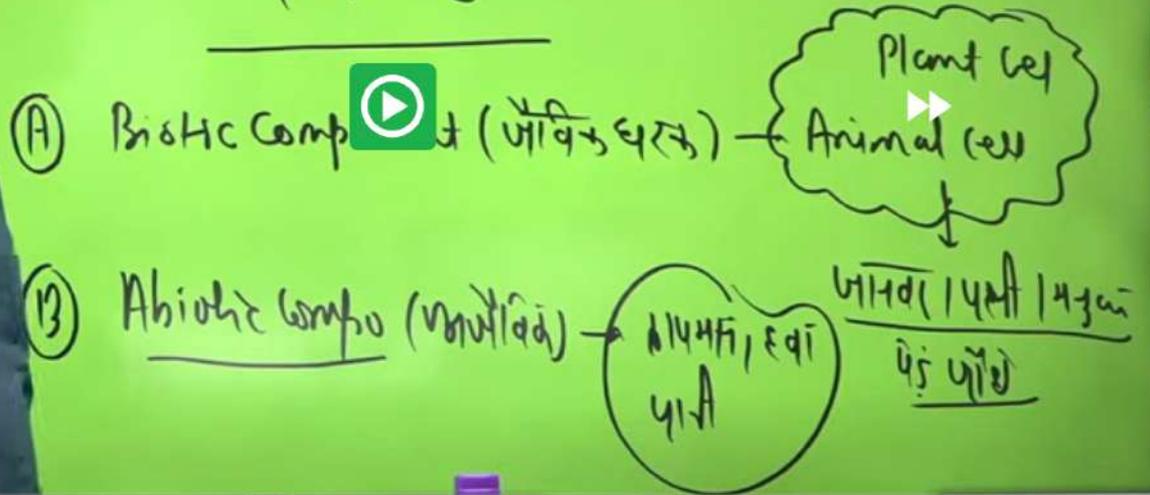
मनुष्य

पेड़, पौधे

Animal cell

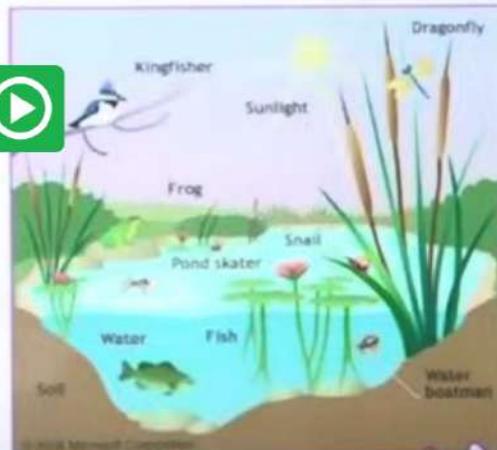
Plant cell

हमारा इकोसिस्टम मुख्य रूप से जैविक व अजैविक घटकों
में मिलकर



What is an ecosystem?

- An ecosystem is composed of all the factors (both biotic and abiotic) and interactions in an environment.



Classification of Organisms

जीवों का वर्गीकरण

उत्पादक //

Producers



उपभोक्ता //

Consumers



" विघ्न

Decomp



Classification of Organisms

सभी पेड़ पौधे

प्रकाश संश्लेषण

↓
भोजन बनाते

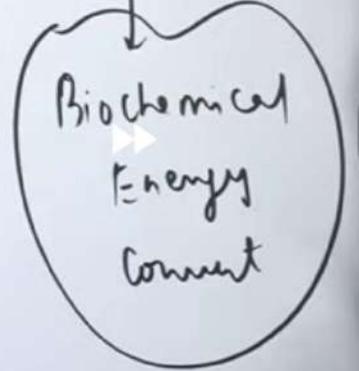
↓
उत्पादन

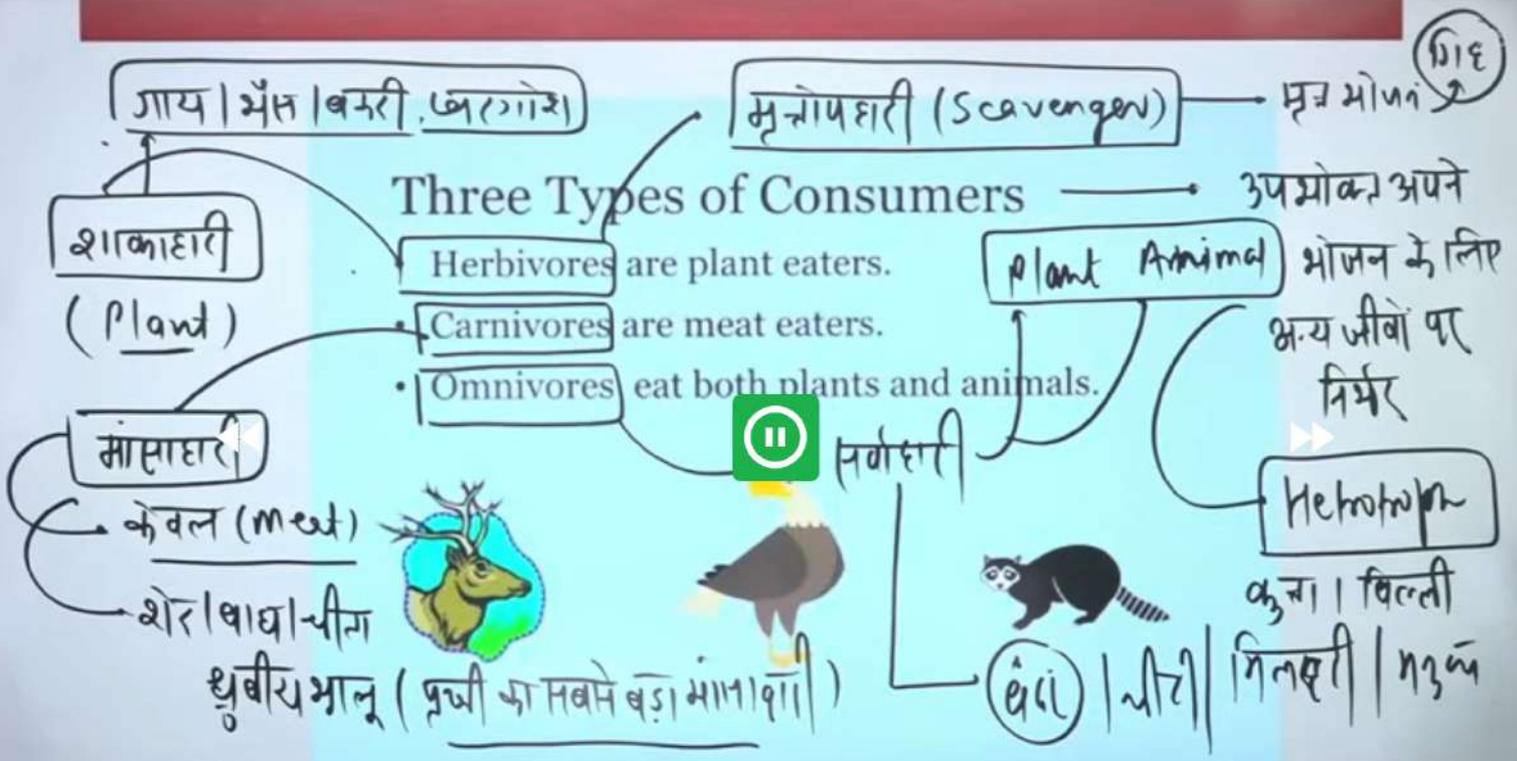
Producers

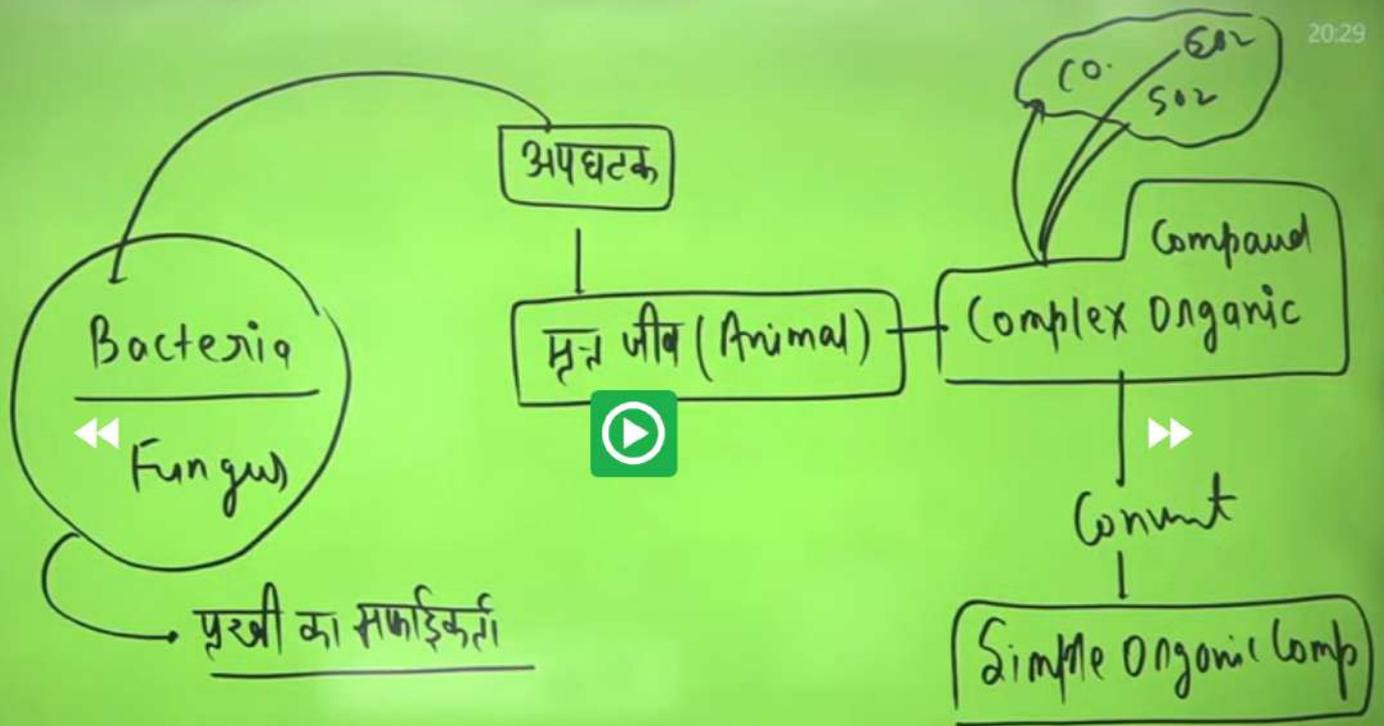
Green plants are producers. They use sunlight to make their own food.



Solar Energy

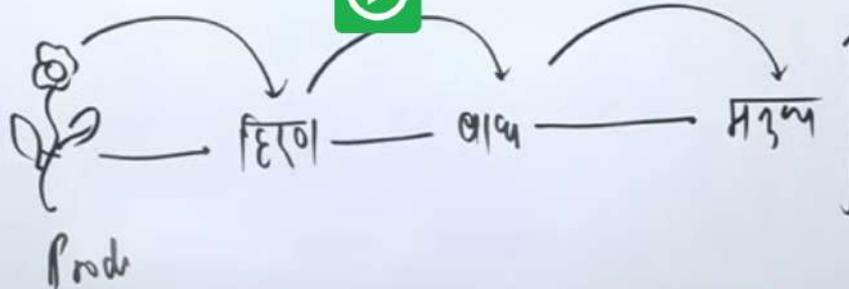




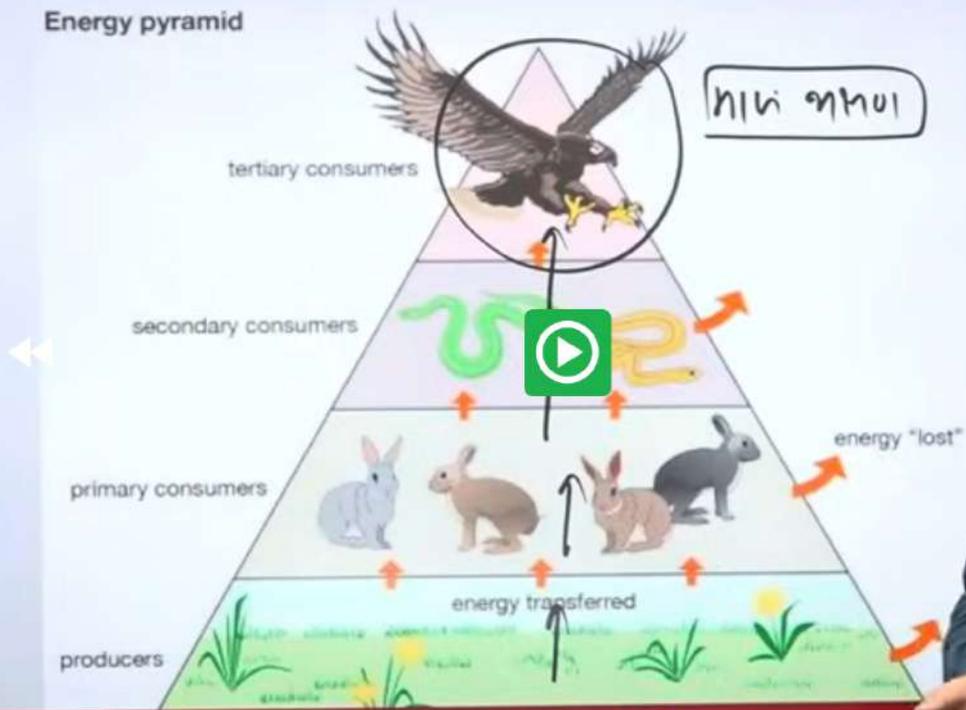


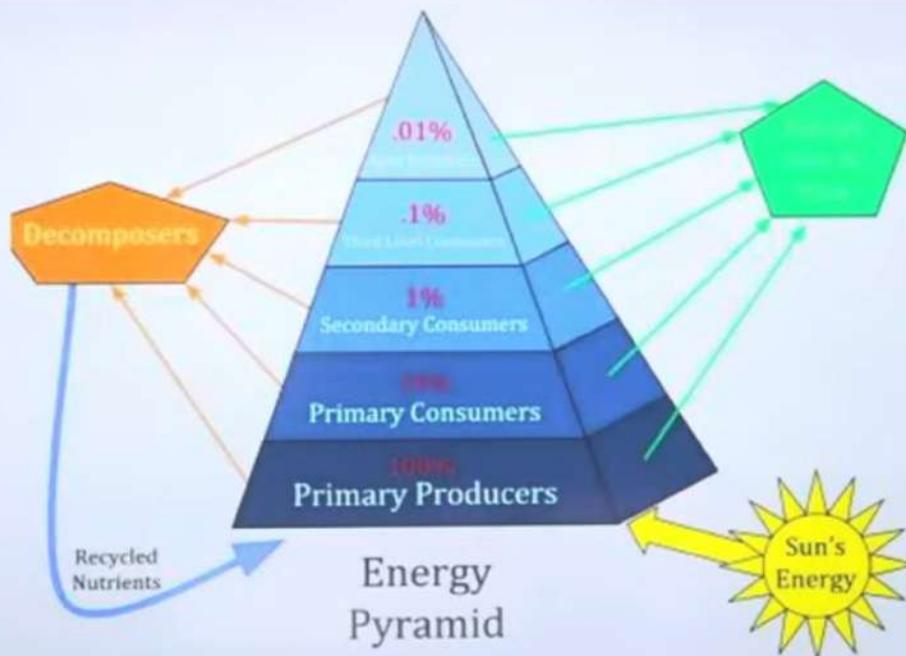
Energy flow in food chain

- Producer capture solar energy and convert into chemical energy.
- Herbivores (primary consumers) consume producers, followed by small carnivores (secondary consumer) and larger carnivores (tertiary consumer)



Energy pyramid





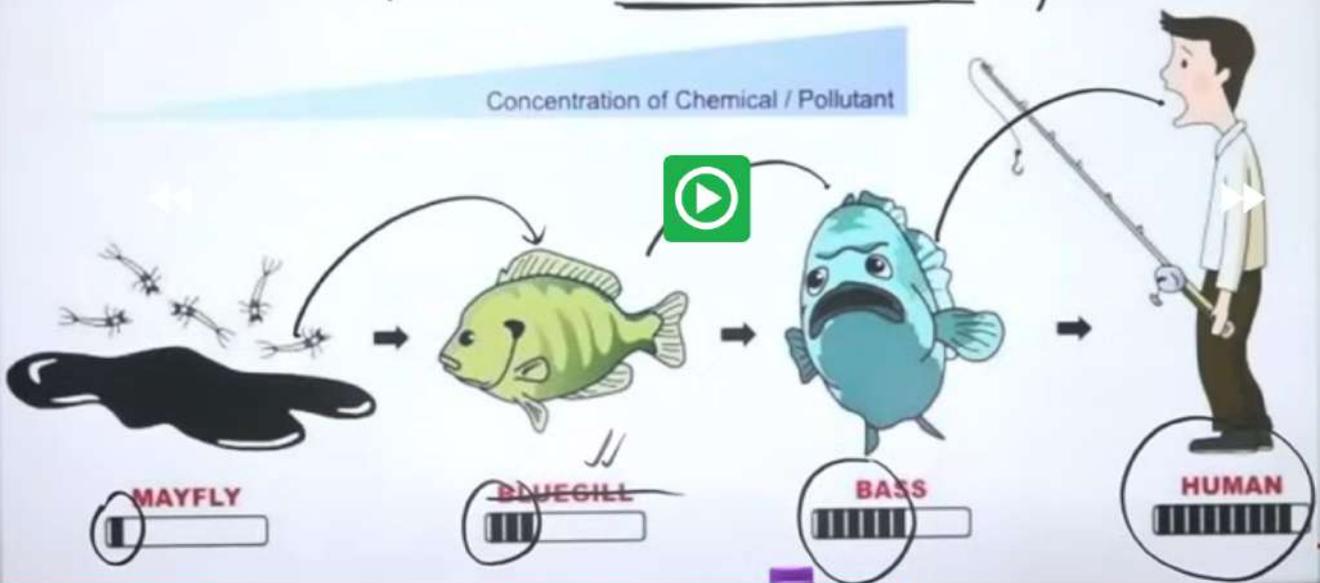
Energy Pyramid

Biological magnification

सर्वधन आवर्धन

वृद्धे स्तर —→ हानिकारक रसायनों सांद्रता ↑ —→

Concentration of Chemical / Pollutant



Effect of our activity on environment

