



# ENVIRONMENT

SCOPE & IMPORTANCE

A scenic landscape featuring a green hillside in the foreground, a wooden fence, and a dense forest of evergreen trees. The background shows a hazy mountain range under a bright sky. The text "WHAT IS ENVIRONMENT?" is overlaid on the image.

# WHAT IS ENVIRONMENT ?

# THE FOUR SPHERES



# ATMOSPHERE

- Sustains Ecosystem
- 78% Nitrogen
- 21% Oxygen
- 1% Argon & other inert gases
- Air contains water vapour & water droplets seen as CLOUDS

# CLIMATE

A photograph of a cityscape at dusk or dawn. A vibrant rainbow arches across the sky, which is a mix of blue and orange. In the foreground, there are residential buildings with dark roofs and chimneys. In the middle ground, a prominent church spire rises above the trees. To the right, a multi-story apartment building is visible. The overall scene is peaceful and scenic.

- Temperature
- Humidity
- Atmospheric pressure
- Wind
- Rainfall
- Other Meteorological Elements

# HYDROSPHERE

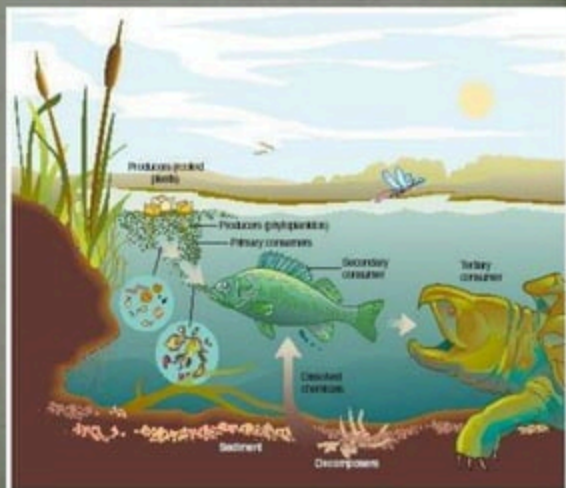
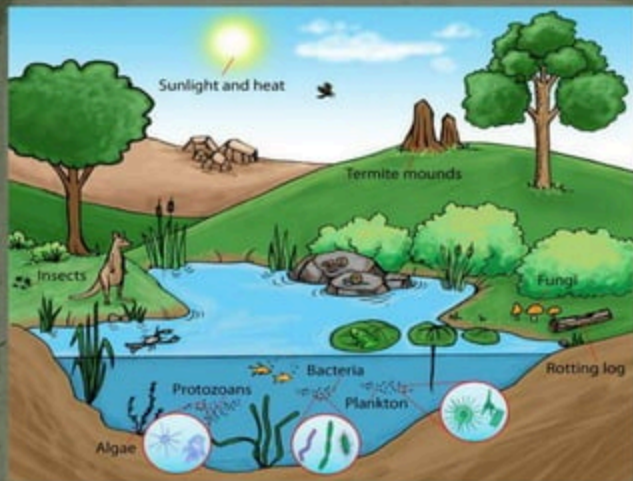
An aerial photograph of Earth's surface, showing a mix of brown and green landmasses and dark blue oceans. The sky is a clear, light blue, and the horizon is visible in the distance.

- It is the liquid component of Earth
- It covers 70% of Earth's surface
- 97% is ocean water
- Only 3% is fresh water

# ECOSYSTEM

An ecosystem is a natural unit consisting of all plants, animals and micro-organisms (biotic factors) in an area functioning together with all of the non-living physical (abiotic) factors of the environment.









# CHALLENGES

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POPULATION  
EXPLOSION



**Rising CO<sub>2</sub>  
Level**



## Polar Sea Ice Loss



## Destruction Of Rain Forest



# IMPORTANCE

A scenic mountain landscape with a lake, forest, and snow-capped peaks under a blue sky with clouds. The foreground shows a dirt path leading up a hillside with autumn-colored vegetation. The middle ground features a dense forest of evergreen trees surrounding a calm lake. In the background, majestic mountains with patches of snow rise against a bright blue sky with wispy white clouds.

- Biodiversity provides problem-solving raw materials for shelter and useful products.
- Provides medicines
- Allows us to pollinate and maintain healthy crops
- Forests prevent soil erosion, landslides, and flooding
- Maintain the purity of the air and water
- Temper climatic fluctuations





Thank You!

