

Day 9 - Biology - 9-3-24 to 9-6-24

HOMEWORK - Ecology

Biosphere	The part of Earth that contains all ecosystems	
Ecosystem	Community and its nonliving surroundings	
Community	Populations that live together in a defined area	
Population	Group of organisms of one type that live in the same area	
Organism	Individual living thing	
Groups of Cells	Tissues, organs, and organ systems	
Cells	Smallest functional unit of life	
Molecules	Groups of atoms, smallest unit of most chemical compounds	

BIOMES, ECOSYSTEMS, AND HABITATS
WHAT IS THE DIFFERENCE?

Habitat: The place where an organism lives. It is the physical environment that provides the organism with the resources it needs to survive.

Community: A group of different populations of organisms that live together in the same area.

Ecosystem: A community of organisms and their physical environment. It includes both living and non-living components.

Biosphere: The part of Earth that contains all ecosystems. It is the largest and most complex of the four levels.

Biome: A large-scale community of organisms that is adapted to a specific climate and environment. It is the largest of the four levels.

Global Climate Change: The Earth's climate is changing, and this is affecting all of the levels of organization. Global climate change is caused by the greenhouse effect, which is caused by the release of greenhouse gases into the atmosphere.

Human Impact: Humans are having a major impact on the environment, and this is affecting all of the levels of organization. Human impact is caused by activities such as deforestation, burning of fossil fuels, and the release of greenhouse gases.

NATIONAL GEOGRAPHIC

Complete the **Video Notes**.

Submit work on Schoology as soon completed.