

Reading Guide for Exploring Ecosystems with Max Axiom, Super Scientist by Agnieszka Biskup

Using your texts, fill in what you learn about the following concepts and answer the questions. Make sure you use words you understand

Ecology: The study of living and nonliving things and how they interact.

All living things are called organisms.

What are some nonliving things that plants and animals need?
Sunlight, soil, water

Ecosystem: A community of living things working and interacting with their nonliving environmen

Population: all members of a species living in the same area

How do producers get energy?

They make their own food from sunlight, through photosynthesis

Nutrient: a substance needed by a living thing to stay healthy; plants get nutrients mainly from the soil in the form of minerals; animals get nutrients mainly from the foods they eat.

What are the three kinds of consumers?

Herbivores, carnivores, omnivores

How do scavengers get energy?

By eating the bodies of dead animals

How do decomposers get energy?

From breaking down the remains of dead plants and animals

What is the main source of energy for every food chain?

The sun

Each level of consumer has less energy available to use.

What are two ways water gets into the air?

The sun heats oceans, lakes and rivers, turning water into vapor.

Through transpiration, water leaves tiny opening in plants

Biome: An ecosystem with similar climate, plants and animals.

How does a biome affect the organisms living there?

Organisms must be suited to the temperature, weather and resources available in their biomes.