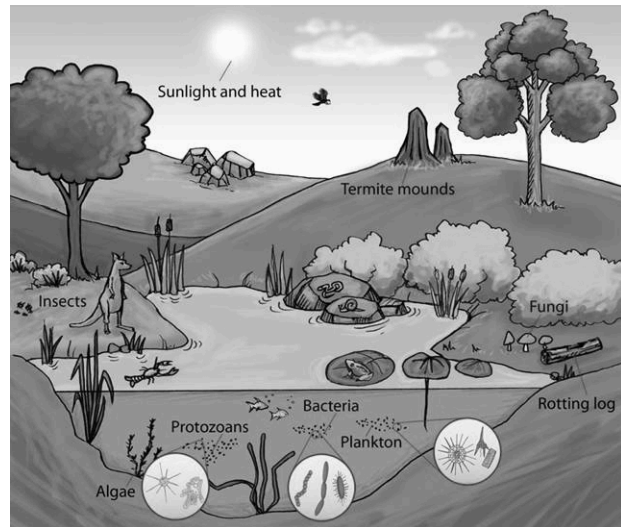


Introduction to Ecosystems

1. A **Biotic** factor is:
2. An **Abiotic** factor is:
3. How do we know something is **living**?
4. List all the **biotic** and **abiotic** factors in the image below.

Biotic:

Abiotic:



5. An **Ecosystem** is a _____ of living things and the _____ in which they live. It is made up of _____ and _____ factors.
6. A **Community** is a group of _____ species living in the same place.
7. A **Population** is a group of _____ species living in the same place.
8. In an **Open System** both _____ and _____ are exchanged with its surroundings.
9. In a **Closed System** _____, but not _____, is exchanged with its surroundings.

10. What do organisms need to survive?

Needs:	Wants:

11. Where do animals live?

12. The Earth is made up of several **Spheres**

- The _____ is all of the water found on Earth (e.g. Oceans, rivers, groundwater, and clouds)
- The _____ is the outermost rocky layer of the Earth.
- The _____ is the layer of gas that covers the Earth's surface.
- The _____ is all the areas of the Earth (land, air, and water) where living things are found.

Practice Questions

1. A mouse is an example of a(n) _____ factor.
2. A flower is an example of a(n) _____ factor.
3. Rain is an example of a(n) _____ factor.
4. What is the difference between a community and a population?
5. Name an example of an ecosystem. What are some biotic/abiotic factors that can be found there?
6. Can an ecosystem exist without the hydrosphere?