

MAIN IDEA: Water cycles through the environment.

Fill in the chart with a description of each process that describes how water moves through an ecosystem in the hydrologic cycle.

Process	Description
1. precipitation	
2. evaporation	
3. transpiration	
4. condensation	

MAIN IDEA: Elements essential for life also cycle through ecosystems.

Complete the following sentences with the proper terms.

- 5. Plants, animals, and most other organisms need ______ for cellular
- 6. Oxygen is released as a waste product by plants during the process of

_____. Animals takes in this oxygen and release it as

_____ during the process of _____.

7. In the carbon cycle, plants use energy from the Sun to convert ______

from the air into organic material that becomes a part of the plant's structure.

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8. Carbon is released to the atmosphere as carbon dioxide when you breathe during the process of ______ or through the ______ of dead organisms.

Period

Date

- **9.**_____, or the burning of fossil fuels, also adds carbon dioxide to the atmosphere.
- **10.** What is nitrogen fixation?
- **11.** List five steps that occur during the phosphorus cycle.

Vocabulary Check

Use the following word origins to answer the questions below.

Word Part	Meaning
bio-	life
chem-	chemical
geo-	earth
hydro-	water

12. What is a biogeochemical cycle?

13. What is the hydrologic cycle?