

Name: _____

Ecology - Fresh Water Facts

<http://www.mrsoshouse.com/water/waterb.html>

1. The Water Cycle is also called the Hydrologic Cycle - Write the name for each of the seven steps and what occurs at each step of the Water Cycle.

a. _____

b. _____

c. _____

d. _____

e. _____

f. _____

g. _____

2. What is groundwater? _____

Where does groundwater come from? _____

3. Geology of Pennsylvania's Groundwater

True or false. All of Pennsylvania's groundwater is fresh water.

How much groundwater did your county use each day in 1990?

How do the people in your community alter the hydrolic budget? _____

4. A Lentic ecosystem is a nonflowing or standing body of fresh water. Lakes, Ponds, Ditches, Swamps, Bogs, Marshes and Ephemeral pools are examples.

Write 2 facts about lakes.

5. Lotic ecosystems have flowing fresh water. Examples are rivers, brooks, creeks, springs and streams.

Write 2 facts about lotic ecosystems

6. What does a Wetland ecologist do? _____

How does their work impact your life? _____

7. Ground Water comes from the aquifer. What is an aquifer? _____

8. Write two easy ways you can save water.

Which one will you choose to do? _____

9. Watch NOAA's Water Cycle. What percentage of water is fresh? _____

Where is it stored?

"When the well's dry, we know the worth of water." Benjamin Franklin

Flow farther:

Take the challenge - [Lentic Ecosystem or Lotic Ecosystem](#).

[Label a map of Pennsylvania's waters](#).

Check out [Goodbye Orange Water](#). Why is the water orange? _____
