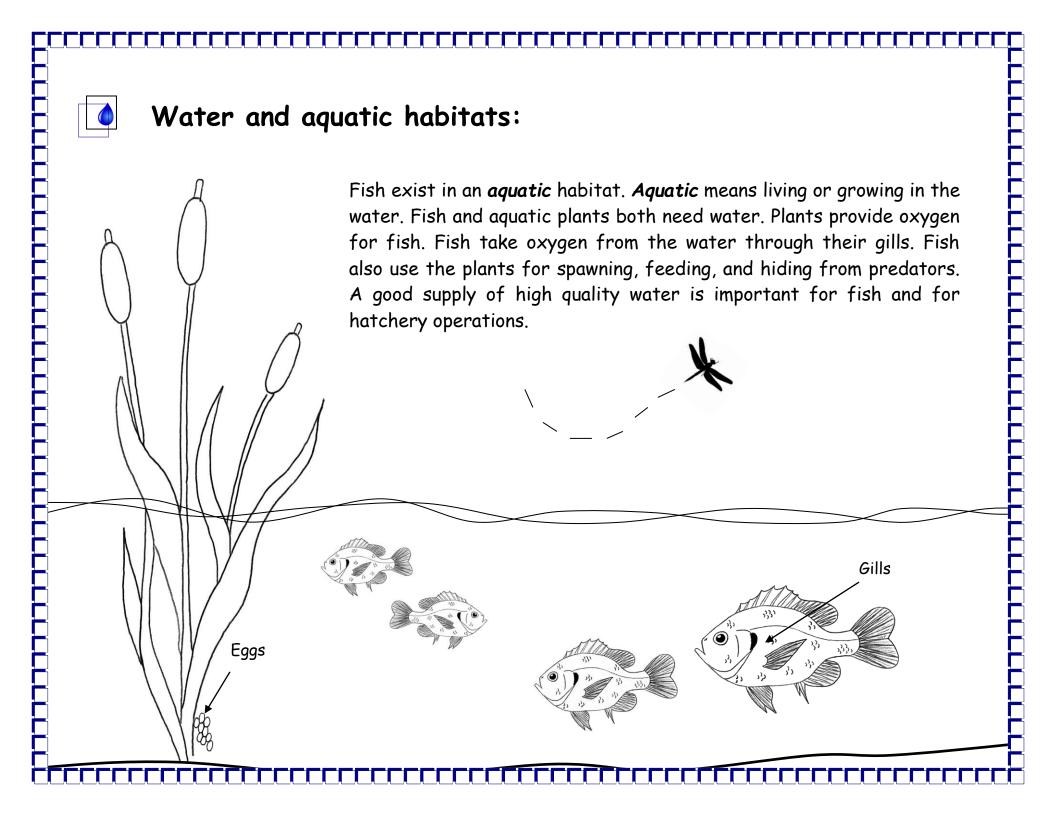
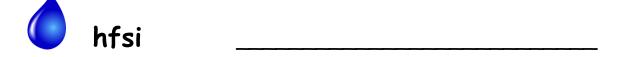
The Hatchery The Water Cycle



Unscramble these words.

HINT: Look at the "Aquatic Habitat" page for clues!



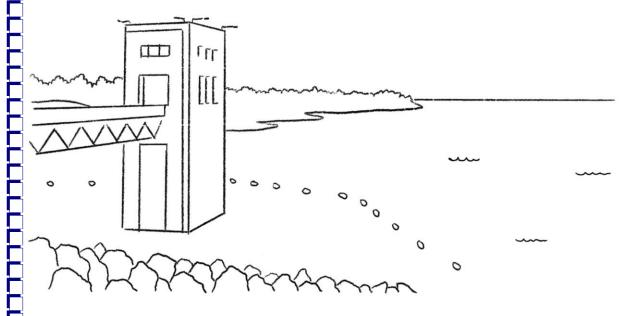


<u>aterw</u> _____

quatica _____



Hatchery water:

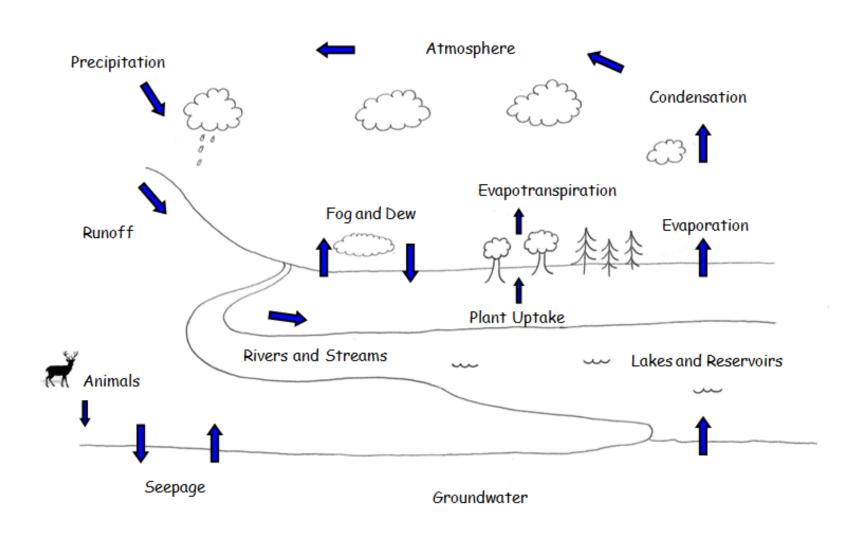


Water for the hatchery is obtained from groundwater sources and Enid Lake. Fish Hatcheries do not consume water. Instead hatcheries get water, use it, and then safely return it to the water supply. Up to 500 gallons per minute may be taken from Enid Lake! The water is pumped through fine mesh screens that are designed to stop fish eggs or small creatures from entering the hatchery water supply.

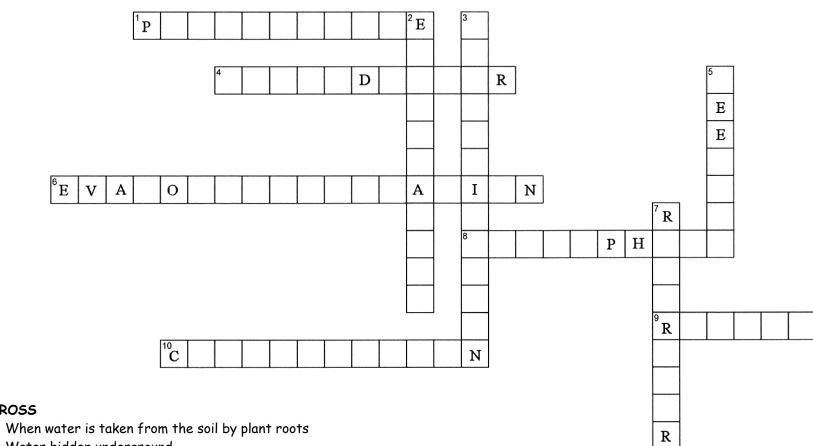
What is groundwater?

Groundwater is water beneath the earth's surface usually in saturated soils or rock. This water filters into water bodies (lakes and rivers) or stays underground. At the hatchery, two wells were dug to get groundwater needed for hatchery operations. What is a well? A well is a hole or shaft sunk into the earth to obtain groundwater from an aquifer. An aquifer is an underground body of water.

Do not worry! We won't drain the lake! Water is constantly added to a lake through the water cycle.



Test your knowledge of the water cycle!



ACROSS

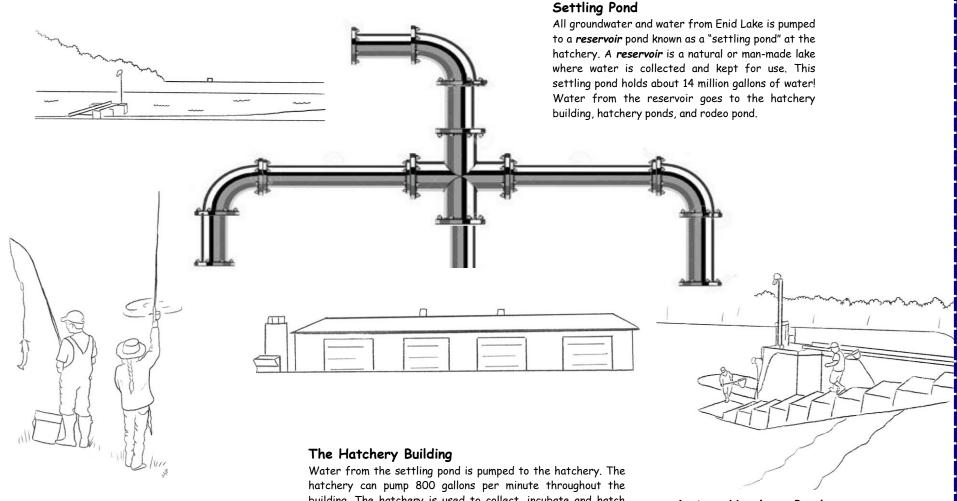
- Water hidden underground
- When water is transferred from the soil to the air through plants
- Gases that surround the Earth
- The draining away of water
- 10 Water that collects on a cold surface when the air is warm

DOWN

- Turning liquid into vapor
- Water that falls to the ground
- The slow escape of liquid or gas
- A natural or man-made lake



The path of water to the hatchery:



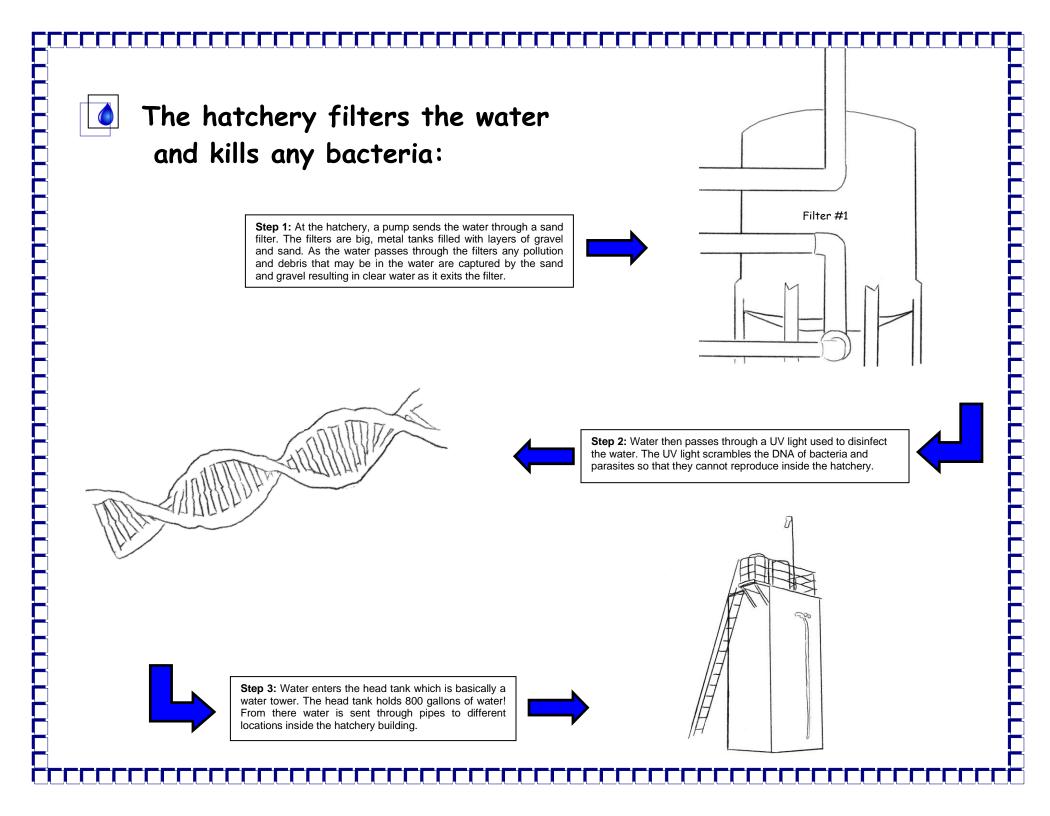
Visitor Center Fishing Pond

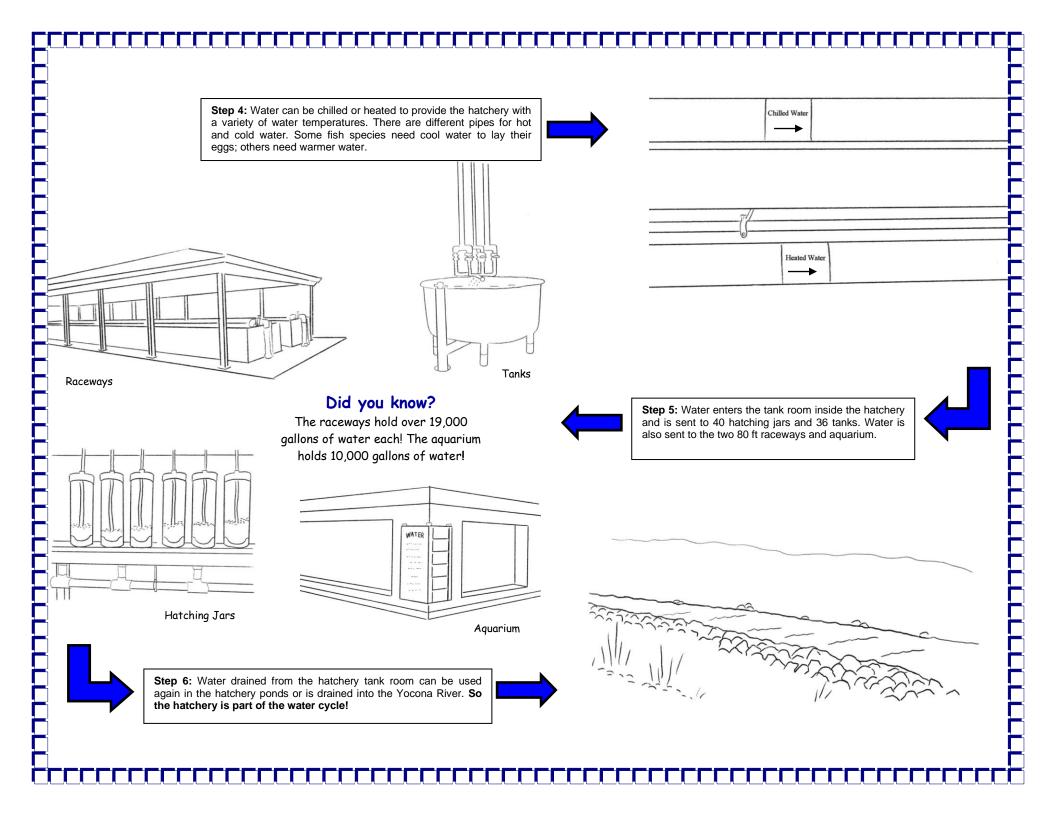
Water from the settling pond flows to the rodeo pond, which holds about 1.6 million gallons of water! Fishing rodeos will be held in this pond giving youth the chance to catch catfish.

hatchery can pump 800 gallons per minute throughout the building. The hatchery is used to collect, incubate and hatch fish eggs. The hatchery also holds fish harvested from ponds or grows fish to larger sizes in tanks. Wait! Water entering the hatchery tank room must be filtered first.

1-Acre Hatchery Ponds

Water from the settling pond flows to the 16, 1-acre hatchery ponds. A 1-acre pond will hold about 1.3 million gallons of water! The ponds are used to hold different species of fish.





Help the water get from the hatchery tank room to the river!

The Bob Tyler Fish Hatchery and Visitor Education Center are owned and operated by the Mississippi Department of Wildlife, Fisheries, and Parks. For more information visit our website at www.MDWFP.com.

