Eco-Explorers Virtual Field Trip

Aquatic Resources Education Center, 2520 Lighthouse Road, Smyrna, DE 19977

Test your knowledge on: Water Quality

Name_____ Date_____

Teacher_____

For 1-4, match the vocabulary word with the correct description by putting the number on the line next to the vocabulary word.

4	Algae	1. A tool used to measure turbidity.
1	Secchi disk	2. A tool used to measure density.
2	Hydrometer	3. The measurement of how much salt is in water.
3	Salinity	4. A type of aquatic plant found floating in water.

For 5-6, circle T of true or F for false.

5. Brackish water is created when salt water and fresh water mix. (T) / F

6. A pH of 14 is neutral. T / (F)

7. It's the middle of summer and Delaware has not had any rainstorms. The heat and lack of rain is causing freshwater sources to run out.

The salinity on the marsh would: (Increase) / Decrease

8. Mary wants to do a density experiment. She wants to test how different things will affect water density. Mary wants put salt, sugar and rocks in 3 different buckets of water. Patrick told her rocks would not change the density, only salt and sugar would. What made Patrick think sugar and salt would change the density of a solution, but rocks wouldn't? Was he correct?

Patrick is correct. Rocks do not dissolve in water and so do not become part of the solution. Salt and sugar both dissolve and become a part of the solution, which would change the density.