

Name_____

Hour_____

Water Science for Schools

1. Log on to <http://ga.water.usgs.gov/edu/mwater.html>
2. Read the introductory paragraphs and take the true/false quiz.
 - a. Click on "get the answers" after you have completed the quiz.
 - b. Review the correct answers compared to yours.
 - c. Record your number correct:_____

Water Properties (on main page)

1. Which part of the water molecule is positive?
2. Which part of the water molecule is negative?
3. What shape is a molecule of water?
4. What causes it to be that shape?
5. Why is water the "Universal Solvent"?
6. What is its important in living things?
7. What characteristics of water are caused by surface tension?

Common Water Measurements

8. How many more times acidic is water with a pH of 5 than a pH of 6?

9. What is the pH of water running out of a coal mine?
10. How many more times acidic is this water than neutral water?

Capillary Action

11. Why is understanding capillary action important?
12. How is capillary action defined
13. How does this "stickiness" of water aid you in everyday life?
14. How does it aid plants?

The Water in You

15. How much of your body weight is water?
16. How much weight is water in:
- Brain =
- Blood =
- Lungs =
17. What characteristics of life does water allow cells/organisms to carry out?
(Think - you might not find the answers on the web site!)