Name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Date: \_\_\_\_\_\_\_\_\_\_\_\_ Hour: \_\_\_\_\_\_\_\_\_

Unit 2 - Crash Course Biology “Water”

1. According to the video clip, all life is dependent on there being \_\_\_\_\_\_\_\_\_\_\_ around.
2. Carbon c. Air
3. Hydrogen d. Water *0:51*
4. How many Hydrogen atoms and Oxygen atoms are there in water
5. 1 Hydrogen and 2 Oxygen *1:52* c. 3 Hydrogen and 1 Oxygen
6. 2 Hydrogen and 1 Oxygen d. 1 Hydrogen, 1 Oxygen and 1 Carbon
7. What type of bonds do the Hydrogen atoms and Oxygen atoms form?
8. Covalent *1:58* c. Hydrogen
9. Ionic d. Negative
10. What bond helps 2 separate water molecules stick together?
11. Covalent c. Hydrogen *2:25*
12. Ionic d. Negative
13. What is the attraction between two like things called in chemistry such as water to water?
14. Cohesion *2:58* c. Capillary Action
15. Adhesion d. Hydrophilic
16. What is the attraction between 2 different substances in chemistry such as water to glass?
17. Cohesion c. Heat Capacity
18. Adhesion *3:47* d. Hydrophobic
19. A molecule that cannot get inside water and cannot be dissolved by water is called \_\_\_\_\_\_\_
20. Hydrophilic c. Negative
21. Hydrophobic *5:36* d. Positive
22. Is water that is solid more or less dense than water as a liquid?
23. More dense b. Less dense *8:16*
24. Why is the above state true?
25. Because of covalent bonds c. Because of hydrogen bonds *8:43*
26. Because of ionic bonds d. Because of negative charges
27. Water is good at holding heat. This makes the ocean hard to heat and cool. What property is this an example of?
28. Cohesion c. Capillary Action
29. Adhesion d. Heat Capacity *9:32*
30. What do humans do to stay cool that is an example of this property?
31. Drink water c. Maintain a body temp around 98.6 degrees
32. Float on water d. Sweat *10:42*