

Name \_\_\_\_\_ Class: \_\_\_\_\_

## *The Water Cycle*

Use the following terms to complete the sentences below.

- |                |                 |                       |
|----------------|-----------------|-----------------------|
| ★ Energy       | ★ Clouds        | ★ The earth formed    |
| ★ Condensation | ★ Precipitation | ★ Water cycle         |
| ★ Evaporates   | ★ Evaporation   | ★ Surface to stick to |
| ★ Moving       | ★ Water vapor   | ★ Dust or smoke       |
| ★ Faster       | ★ Condenses     | ★ Cools               |
| ★ Gas          | ★ Evaporating   | ★ Stick to            |
| ★ Vapor        | ★ The sun       | ★ Fast                |
| ★ Speed        | ★ Solid         | ★ Liquid              |
| ★ Surface      |                 |                       |

1. All the water on the earth is the same water that has been here since \_\_\_\_\_.
2. Water can be \_\_\_\_\_ like ice, a \_\_\_\_\_ like you drink or a \_\_\_\_\_ like steam.
3. Water is moving all around the earth in the \_\_\_\_\_, also known as the *hydrological cycle*.
4. Something that makes water change from a liquid into a vapor is \_\_\_\_\_.
5. Whenever water goes back into the air we say that it \_\_\_\_\_.
6. When water vapor turns back into a liquid we call that \_\_\_\_\_.
7. The top part of Bill Nye's water cycle simulator represents \_\_\_\_\_.
8. Water falling from the sky is called \_\_\_\_\_.
9. All the molecules in water are always \_\_\_\_\_.
10. The molecules in boiling water move \_\_\_\_\_ than the molecules in water at room temperature.
11. But even room temperature water can evaporate or become a \_\_\_\_\_.
12. The reason is because not all molecules are moving at the same \_\_\_\_\_.
13. Some of the molecules are moving \_\_\_\_\_ enough to evaporate.
14. A cold glass gets foggy because the \_\_\_\_\_ in the air sticks to the glass and turns into water drops.
15. The process of water vapor being cooled to water droplets is called \_\_\_\_\_.
16. The process of condensation is where \_\_\_\_\_ come from.
17. Condensation is the opposite of \_\_\_\_\_.
18. It occurs when vapor loses \_\_\_\_\_ and becomes a liquid.
19. When \_\_\_\_\_ form, water vapor turns into tiny liquid water drops.
20. But in order for that to happen the water vapor has to have a place to \_\_\_\_\_.
21. The first cloud in the bottle did not work because the water vapor had no \_\_\_\_\_.
22. In order to get the cloud to form Bill Nye had to add some \_\_\_\_\_.
23. Liquid is looking for a \_\_\_\_\_ to cling to for condensation to happen.
24. Clouds form when water on the surface \_\_\_\_\_ and becomes water vapor.
25. The water vapor cools and \_\_\_\_\_ into tiny water droplets to form clouds.
26. The penguin toy is a model of the \_\_\_\_\_.
27. The penguins moving up the escalator is like the water \_\_\_\_\_.
28. The energy of the penguins comes from the battery but the energy for the water cycle comes from the power of the \_\_\_\_\_.
29. The penguins that gather at the top are like \_\_\_\_\_.