

**Directions:** Answer the questions and complete statements from viewing the video.

1. How long has water been getting things wet? 3 ***billion years***
2. Water can be a ***solid*** like ice. It can be a ***liquid*** like you drink. It can also be a ***gas*** or vapor.
3. Water is always ***moving*** through something called the water cycle or the ***hydro***logical cycle.
4. What happens when water vapor is cooled? ***It changes back to water.***
5. ***Circle one:*** The molecules of ***boiling water***/***room temperature water*** are moving faster.
6. How does water at room temperature become a gas? ***Some water molecules have are moving fast enough (have enough energy) to change state.***
7. What is the “nature” of the water cycle? Water is ***recycled.***
8. Predict: What would happen to a glass of water placed in a closet for a few days? ***The glass will become empty.***  
Why do you think this would happen?  
***The water has evaporated out of the glass.***
9. What is the process of water vapor becoming a liquid?
10. Water molecules need a place to “***stick***” in order for condensation to happen.
11. The energy for our own water cycle on earth comes from the power of the ***sun.***
12. Give three examples of precipitation in the rain cycle: ***Rain, Snow, Sleet, or Hail***
13. What is “collection” in the rain cycle? ***Liquid water is collected from the sky becomes liquid water on land or ocean, etc...***
14. No living thing would be able to ***live*** without the water cycle
15. At the end of the show, Bill Nye says, “If you’ll excuse me, I’ve got some ***soil*** percolation range to compute”