


Elicit Question Cards: Matter, Molecules, and the Water Cycle

What happens when water boils?	Why does the bathroom mirror sometimes fog up?
Why does dew sometimes form on cars or the grass?	Compared with the era when dinosaurs lived, does Earth have more, less, or about the same amount of water? Explain your thinking.
What is fog, and why/when does it form?	Imagine you're inside a cloud. What is it like, and how did it get that way?
What causes the "sweat" on the outside of a cold glass? Where does it come from?	Do you have to add heat to make water evaporate? Why or why not?
Is evaporation a cooling process, a heating process, neither, or both? Explain your thinking.	Does air have anything to do with the water cycle? Explain your thinking.
Why are clouds sometimes high in the sky and other times lower in the sky?	Why does ice float on liquid water?
Look at this picture of a teakettle and explain what is happening.	 <p>Photo courtesy of Pixabay.com</p>