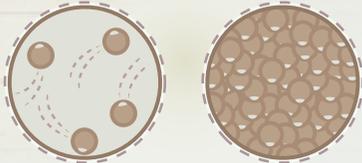


# Condensation and Evaporation

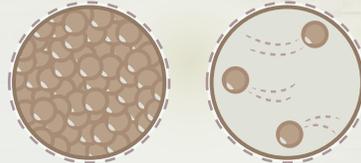
## MICROSCOPIC VIEW OF CONDENSATION

Gas to a solid or liquid.



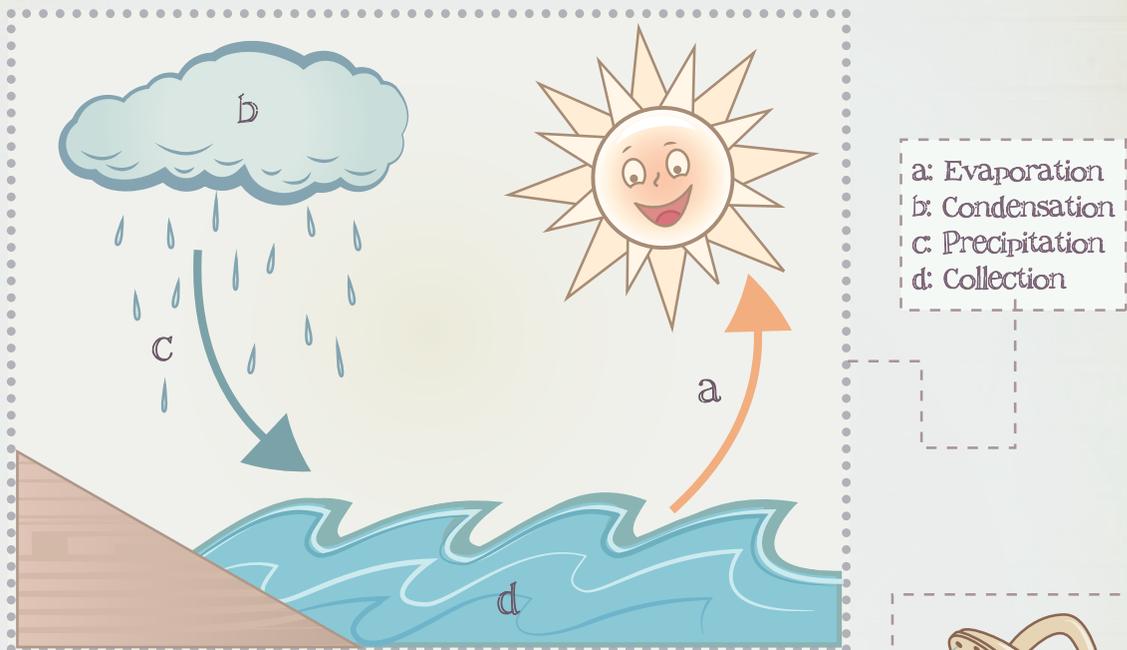
## MICROSCOPIC VIEW OF EVAPORATION

Liquid to a gas.



## WHAT'S THE DIFFERENCE?

Condensation is a warming effect. It changes from a vapor to a condensed state, either a solid or a liquid. Evaporation is a cooling effect, it's the change of a liquid to a gas.



## THINK ABOUT IT!

When you're finished in the shower, it's wise to towel off with the curtains/doors still closed – the closed space traps the water vapor in. As the vapor condenses, it keeps you warm. But once you open up the curtains, all the gas will escape and you'll be left with water evaporating off of your body, making you colder.

## FUN FACT:

When you sweat, your body knows it's too hot and sweats in order to cool itself. The moisture produced by your body evaporates and helps to cool off your skin.

