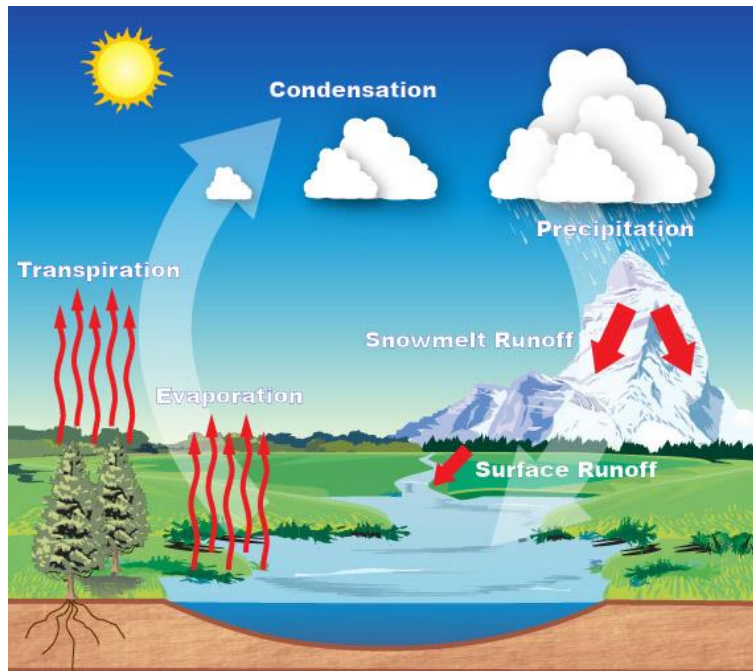


## THE HYDROLOGIC OR WATER CYCLE

Water is found throughout the biosphere, and is probably the most important substance needed to sustain life forms. Humans can survive for many weeks without the energy obtained by eating food, however, we would only last a few days without water.

Water is used to carry out the many important and complex chemical reactions that all life forms must perform in order to survive. Water carries nutrients to various parts of a life form and carries waste away from the different parts of a life form. Because water is so important, the most abundant substance in any organism is water.



### Steps of the water cycle:

1. Water falls from clouds- PRECIPITATION
2. Water runs into rivers
3. The sun's heat causes water to evaporate-EVAPORATION
4. Some water evaporates from leaves -TRANSPIRATION
5. The water in plants and animals evaporates or returns to the ground when they die
6. Water vapor in the air cools and condenses into drops of liquid water -CONDENSATION

**REPEAT 1-6 OVER AND OVER AND OVER AGAIN**

The water found in your body has been used and reused by organisms throughout the history of the earth. It is quite possible that there is water found in your body that was once inside of a Tyrannosaurus Rex, or that Julius Caesar drank! The process of water moving through the environment is called the hydrologic cycle or the water cycle.

This is a neat vimeo video that shows us how to keep our water clean

<https://vimeo.com/65413231>

