

# DID YOU KNOW?

**That all the water on Earth has been around forever?**

The water cycle keeps our limited water supply going around and around so we can keep using it.

**Have you ever since water drops on a plant?**

No, it's not sweating. Plants are going through transpiration, in which the plants lose water through their leaves. Transpiration helps out evaporation by putting water vapor back into the air.

**Do you know that you have seen condensation at work?**

If you've ever had a drink in a cold glass or a can and the air is warm outside, you'll see water drops on the outside of the glass. This is because the water vapor in the warm air being cooled back down into a liquid on the surface of the glass or can.



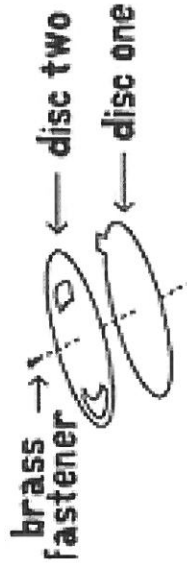
# The WATER CYCLE

For the following activity you will need:



brass fastener  
scissors an adult

1. Color both discs however you'd like. Be creative!
2. Cut out both discs along the dotted line. On the second disc don't forget to cut out both windows!
3. You might need an adult to help you for this next step. Take the brass fastener and poke it through the middle of the second disc, and then poke it through the middle of the first disc. Fold back the prongs of the brass fastener.



4. Line up the image and the text for EVAPORATION. Now turn the circle in the direction of the arrow to go through all the steps of the water cycle!

## DISC ONE



Warm liquid and cold air change into tiny rain clouds.

**condensation**



so much water collect in the air that they get heavy and water falls as rain, sleet, or snow.

**Precipitation**

The water from the rain, sleet, and snow flows back into the river, lakes and oceans. This allows the cycle to begin all over again.

**Collection**

the sun heats up rivers, lakes, and even the ocean, turning the water into vapor or steam. the water vapor rises into the air.

**evaporation**