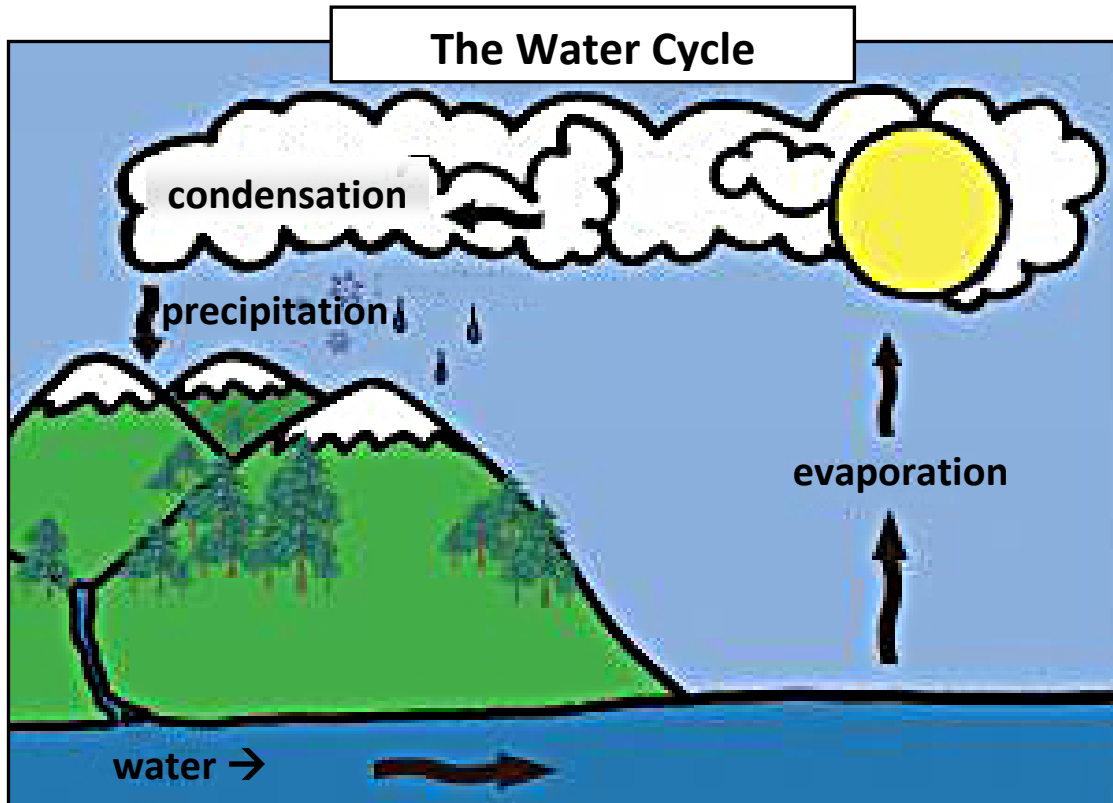


# Evidence of the Water Cycle

Name: \_\_\_\_\_

Today is \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_.  
 (day of week) (month) (date) (year)



## STEPS OF THE WATER CYCLE

**Step 1:** The sun shines on oceans, lakes and rivers, heating up the water and turning it into vapor (like steam) through **evaporation**. The water vapor leaves the oceans, lakes and rivers, and rises into the atmosphere.

**Step 2:** The water vapor begins to cool the higher it goes, and then the water vapor begins to stick together through **condensation**. As the water molecules stick together, they form clouds.

**Step 3:** Inside the clouds, the water molecules continue to combine forming water droplets. When the water droplets get heavy enough, they fall back to the ground as **precipitation** such as rain, sleet, snow or hail.

### **Interesting Fact:**

*The water that you drink today is the same water that the dinosaurs drank millions of years ago!*

Let's look for Evidence of the Water Cycle in your outdoor classroom.

**EVAPORATION** → water changes from a liquid to a vapor (or a gas).

Do you see any evidence of **evaporation**?    yes    no

Draw a picture or use your words to describe the evidence of evaporation that you can see in the outdoor classroom now or that you might see at a later date.

*Hint: Evidence of evaporation could be a dried-up mud puddle, low water levels in a pond, and a dried-up leaf.*

**CONDENSATION** → water vapor in the air is changed into liquid water.

Do you see any evidence of **condensation**?    yes    no

Draw a picture or use your words to describe the evidence of condensation that you see in the outdoor classroom now or that you might see later.

*Hint: Evidence of condensation may be clouds, fog, or dew on the grass, or water droplets on the side of a cold glass of water on a hot day.*

**PRECIPITATION** → water released from clouds in the form of rain or snow.

Do you see any evidence of **precipitation**?    yes    no

Draw a picture or use your words to describe the evidence of condensation that you see in the outdoor classroom now or that you might see later.

*Hint: Evidence of precipitation could be wet grass after a rain, a mud puddle, or snow on the ground.*

