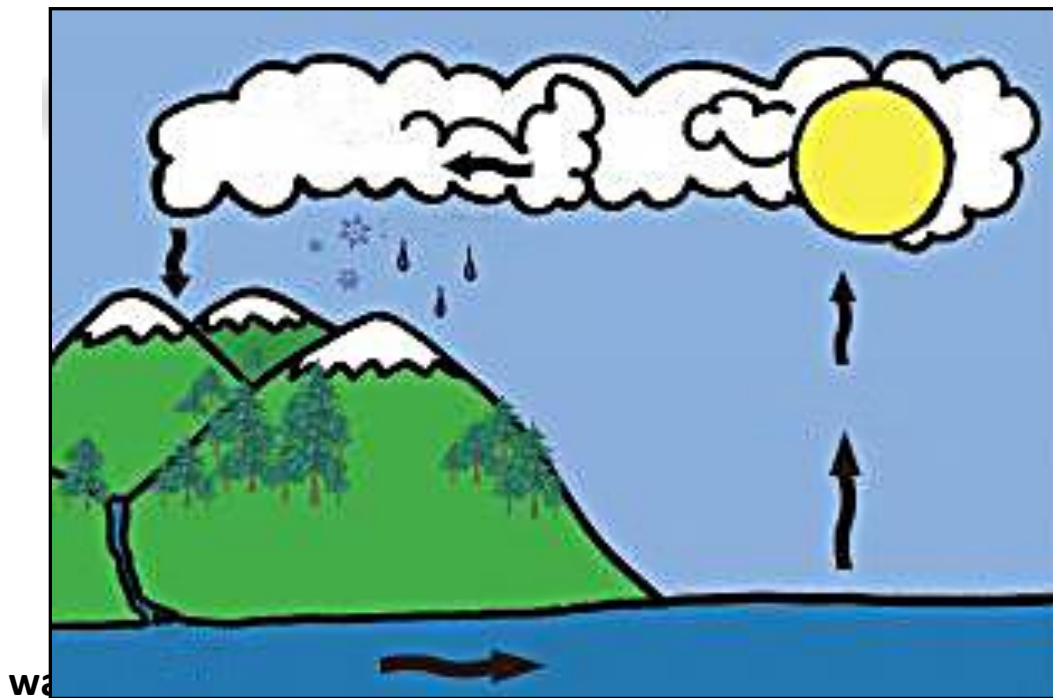


## Evidence of the Water Cycle

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

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

# The Water Cycle



## 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 habitat lab.

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

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

If so, what evidence do you see? \_\_\_\_\_

*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

If so, what evidence do you see? \_\_\_\_\_

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

**PRECIPITATION** is water released from clouds in the form of rain, sleet, snow, or hail, which provides for the delivery of atmospheric water to the Earth.

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


If so, what evidence do you see? \_\_\_\_\_

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

What is the sunlight like today?

☐ Sunny 

☐ Partly  
Cloudy 

☐ Cloudy/  
Raining 

Does the amount of sunlight affect the water cycle? If so, how?

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#### Alabama Course of Study Objective Correlations for 2<sup>nd</sup> Grade

**Language Arts: 3.)** Exhibit vocabulary skills, including explaining simple common antonyms and synonyms and using descriptive words, while responding to questions.

**4.)** Demonstrate comprehension of second-grade reading materials across the curriculum, including drawing simple conclusions, classifying ideas and things, identifying sequence, and retelling directions and information from informational and functional reading materials.

**9.)** Demonstrate correct use of question marks and capitalization of names, months, days of the week, and holidays in written expression.

**11.)** Write words and sentences legibly with proper spacing in manuscript.

**Science: 9.)** Describe evaporation, condensation, and precipitation in the water cycle.

