# Water on the Move

A simplified rain pathway in the water cycle

**4.10.A** "describe and illustrate the continuous movement of water above and on the surface of Earth through the water cycle and explain the role of the Sun as a major source of energy in this process;"

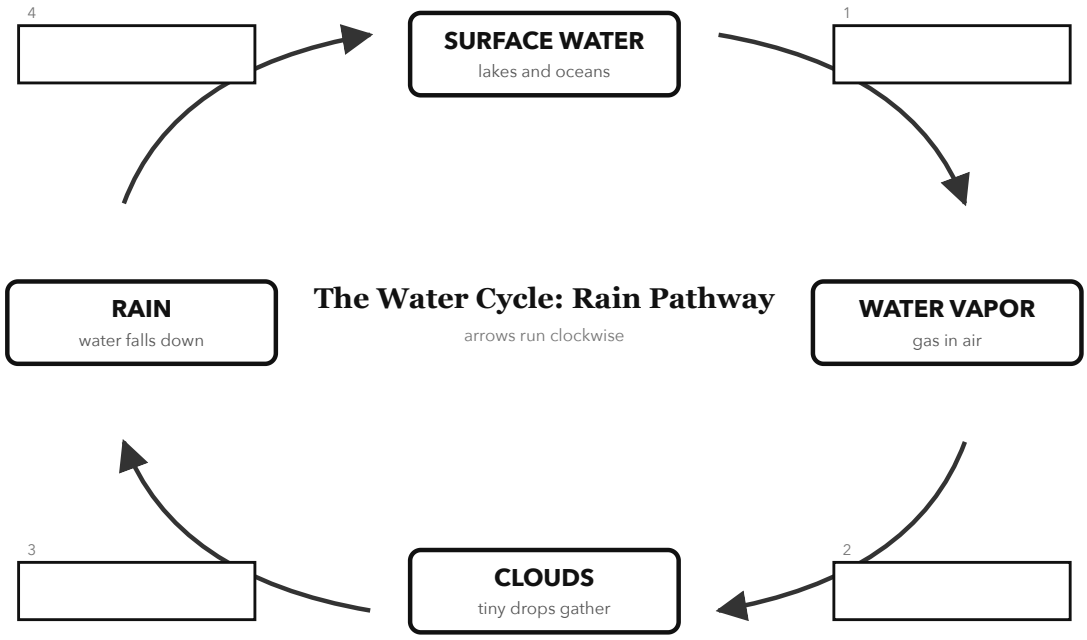
NAME _____ DATE _____

## 1 LABEL THE MODEL

Word bank below

Use the word bank to write one process in each numbered box. Follow the arrows around the cycle.

**WORD BANK** collection · condensation · evaporation · precipitation



## 2 RUN THE MODEL

Use your finished diagram

1. Which process moves water from surface water into the air as water vapor?

2. The Sun provides energy for which process in this model?

3. What process happens after water vapor forms clouds?

## 3 CHECK IT

Before you turn it in

- [ ] I wrote one process in each box.
- [ ] I followed the arrows around the loop.
- [ ] I can explain how the Sun starts evaporation.

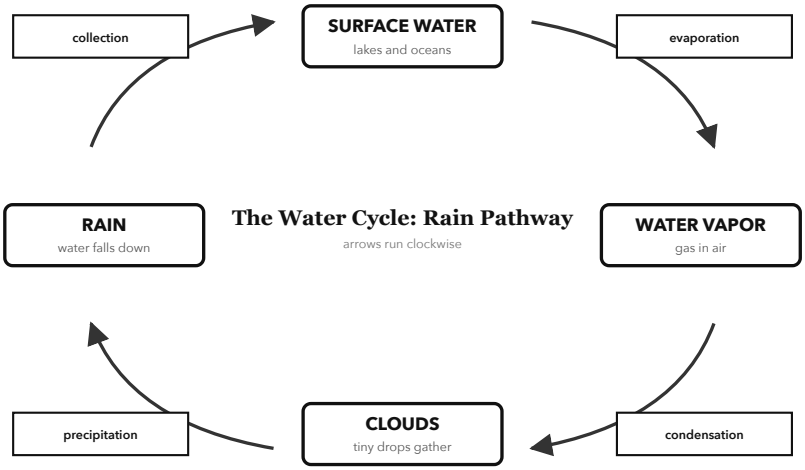
**TEST THE MODEL**

What is one part of the real water cycle that this simplified rain pathway does not show?

**ANSWER KEY** # Water on the Move

**GRADE 4 · TEKS 4.10.A**

## PART 1 · COMPLETED MODEL




## PART 2 · RUN THE MODEL

1. **Evaporation.** (Which process moves water from surface water into the air as water vapor?)
2. **Evaporation.** (The Sun provides energy for which process in this model?)
3. **Precipitation.** (What process happens after water vapor forms clouds?)

## TEST THE MODEL (SAMPLE ANSWERS)

- It does not show water soaking into the ground.
- It does not show snow or ice melting into liquid water.

Process order: evaporation, condensation, precipitation, collection. This model follows a simplified rain pathway, so it does not show every way water moves through Earth's system.