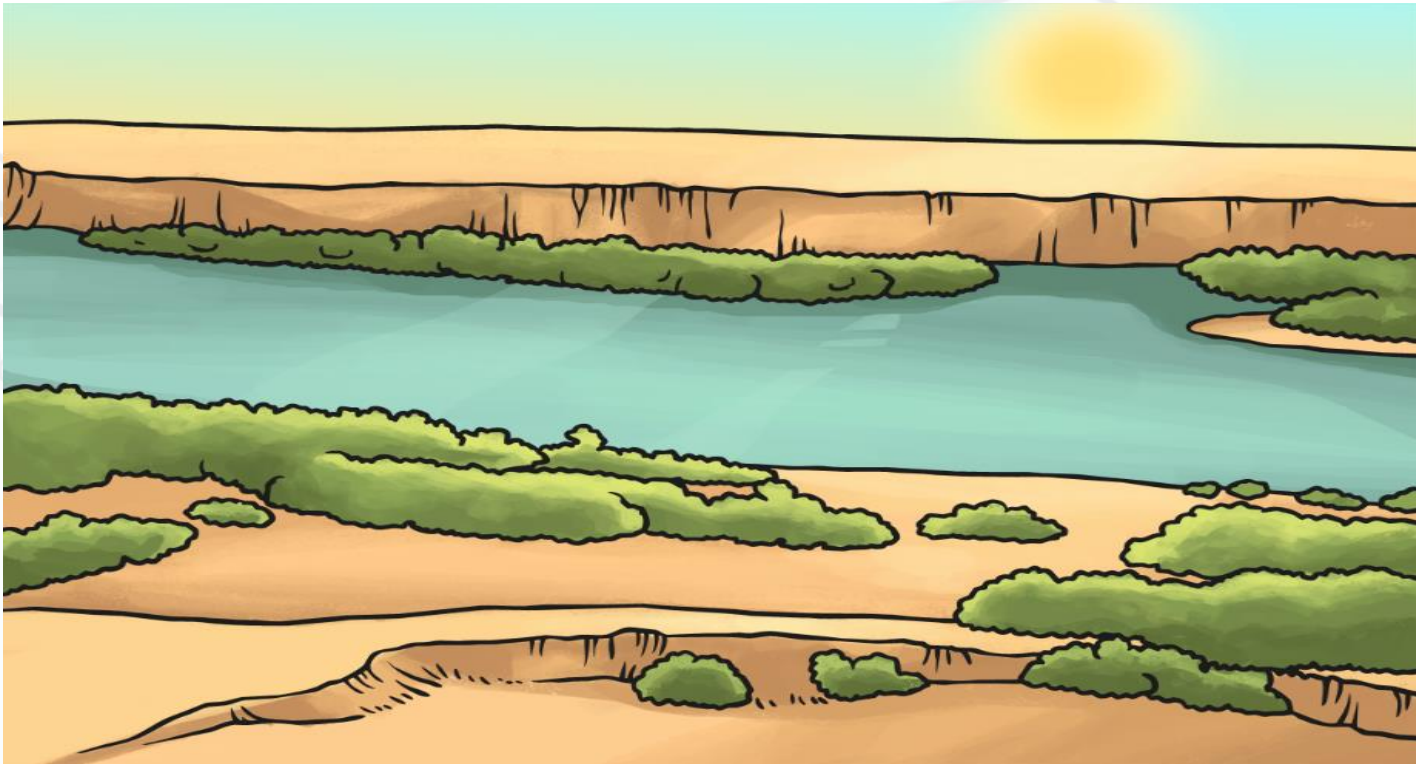


# The Water Cycle



# What is the water cycle?

The water cycle is the name we give to describe the way water moves throughout planet Earth.



# How does the water move in a cycle?

The water cycle has four main parts. These are the steps the water goes through when it's moving through the Earth:

1. Evaporation
2. Condensation
3. Precipitation
4. Collection (Accumulation)

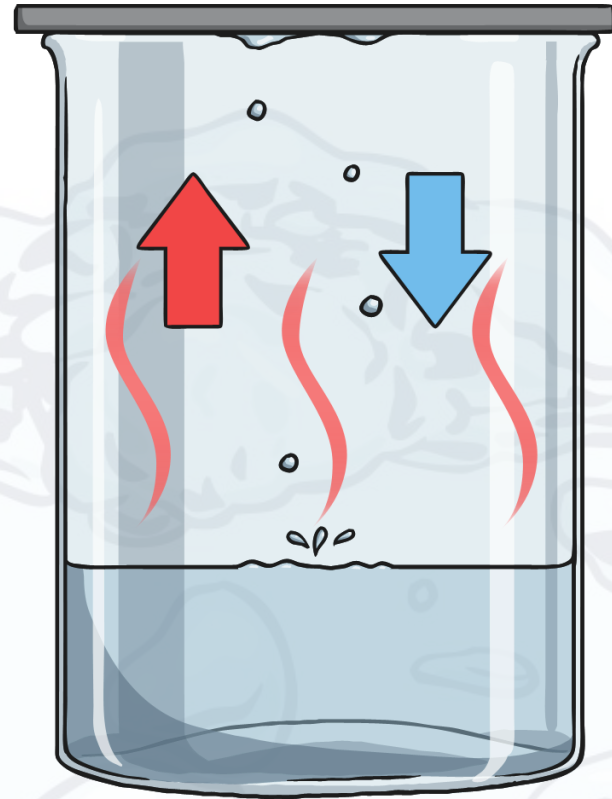




# Evaporation

This happens when bodies of water like lakes, rivers, and oceans heat up. When the water becomes hot, it forms vapors that go into the air.

You might have seen evaporation if you've ever boiled water. The water heats up and then the steam rises from the water!



# Condensation

This is the opposite of evaporation. Condensation happens when the vapor in the air gets cold.

When the vapour gets cold, it gets transformed back into a liquid form; this is what makes clouds!



# Precipitation

Precipitation happens when the water that went up into the sky gets released. Depending on the temperature, the water comes down as liquid or solid.

Rain: when the water comes down as a liquid.

Snow: when the water comes down as a solid.



# Collection/ Accumulation

This happens when the water collects in one place and forms a river, lake, or any other body of water!

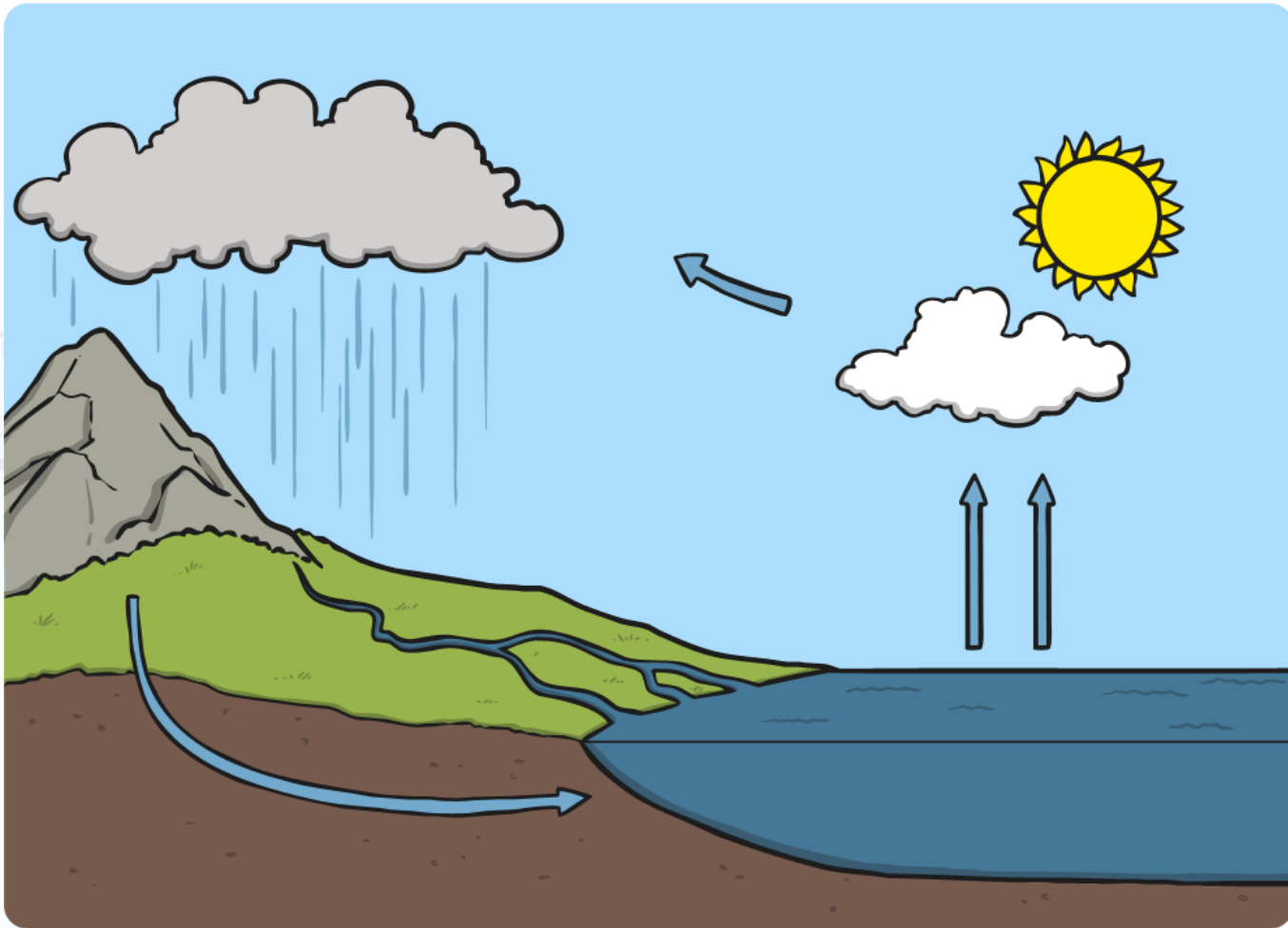
Question: What do you think happens after the water collects?

Answer: Evaporation





# The Water Cycle



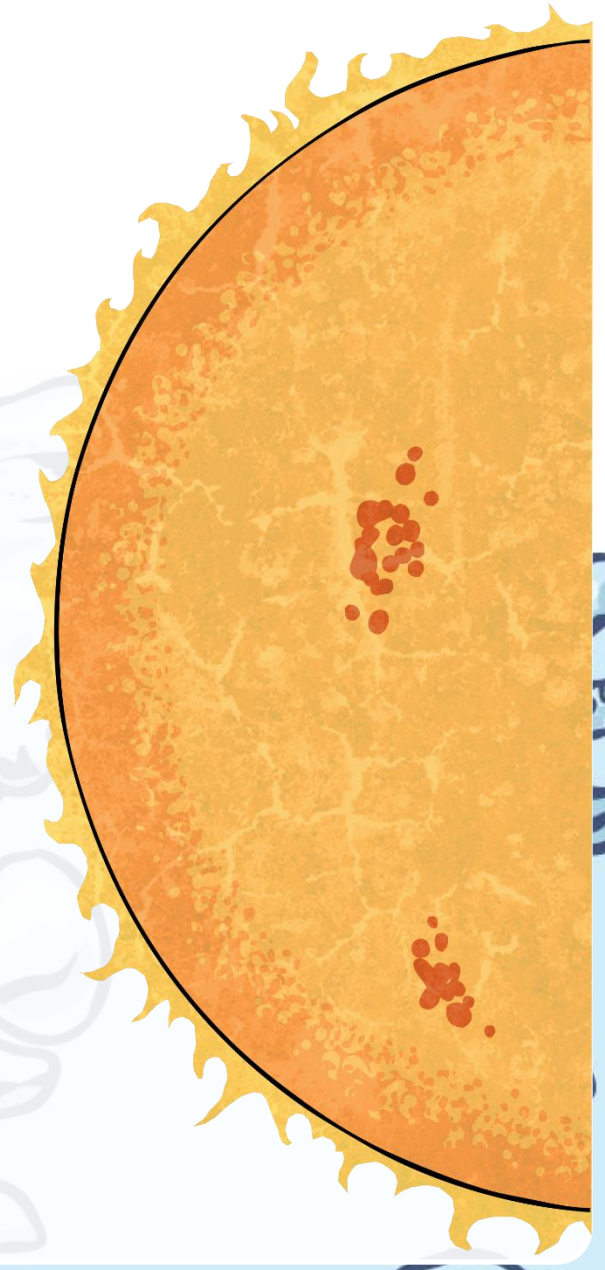


# Fun facts!

The water you drink everyday is the same water that has been around since the Jurassic Period!

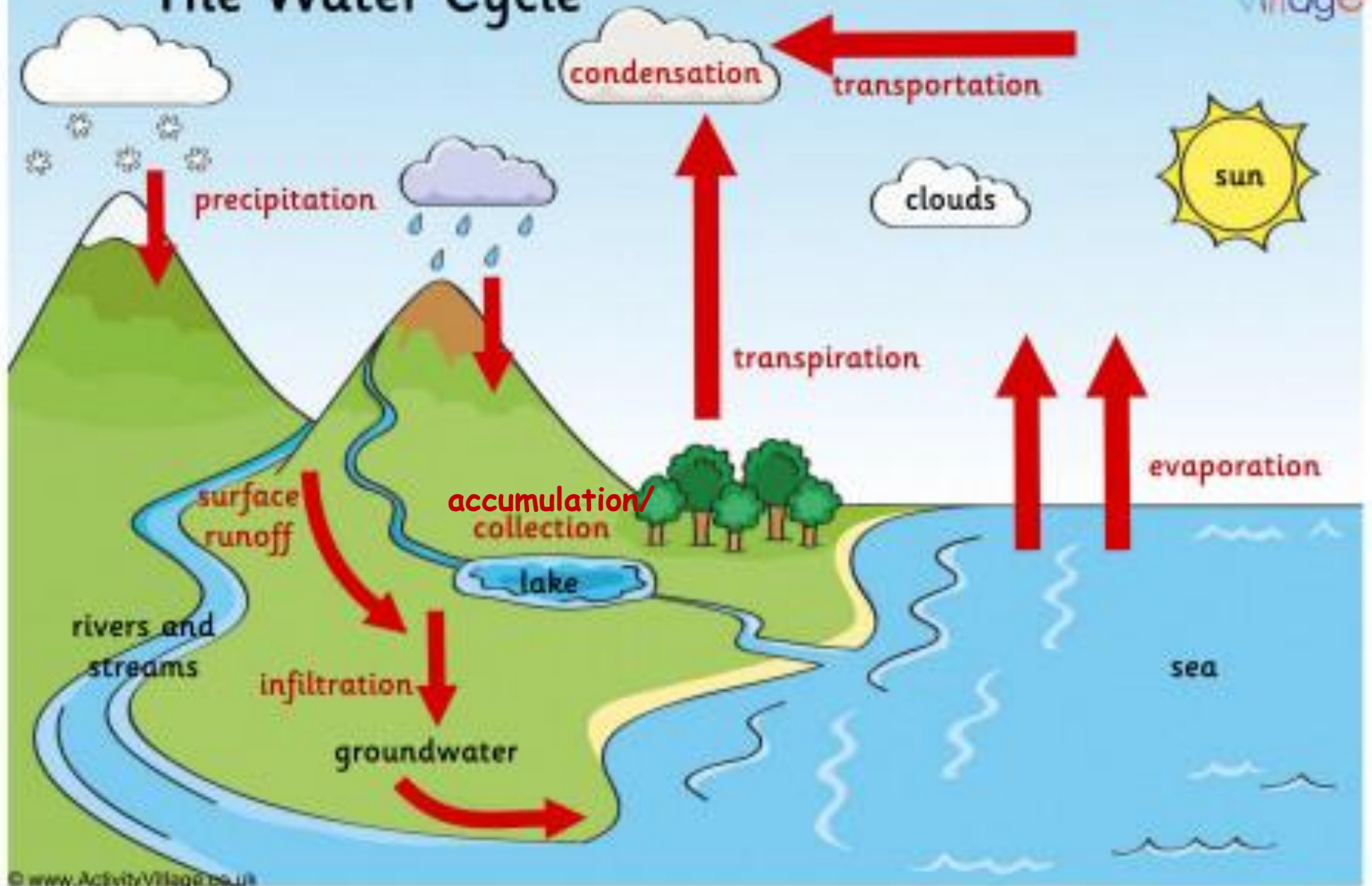
The sun is necessary in the water cycle: no sun means no evaporation.

Only 2.5% of the world's water is freshwater.



# The Water Cycle

Activity  
village





**A** Read the definitions. Write the correct label next to each picture.

**Evaporation:** The sun heats water. Water turns into steam (vapour).



E

**Condensation:** The water vapour rises up and forms clouds in the sky.



**Precipitation:** The water falls down to the land as rain, sleet, snow or hail.



**Collection:** The water collects in streams, rivers, lakes and the sea.



**B** Write the correct sentence for each part of the water cycle.

1. Sun's heat causes water to evaporate.
2. Water vapour becomes clouds.
3. Rain or snow falls down to the land.
4. Water runs into lakes and rivers.

2.

1.

4.

3.



# Optional Activity

**Can you draw and label your own diagram of the water cycle?**

**Here are a few examples to get you started.**



Optional extra: Can you draw and label your own picture of the water cycle?

Here are a few examples to help.

