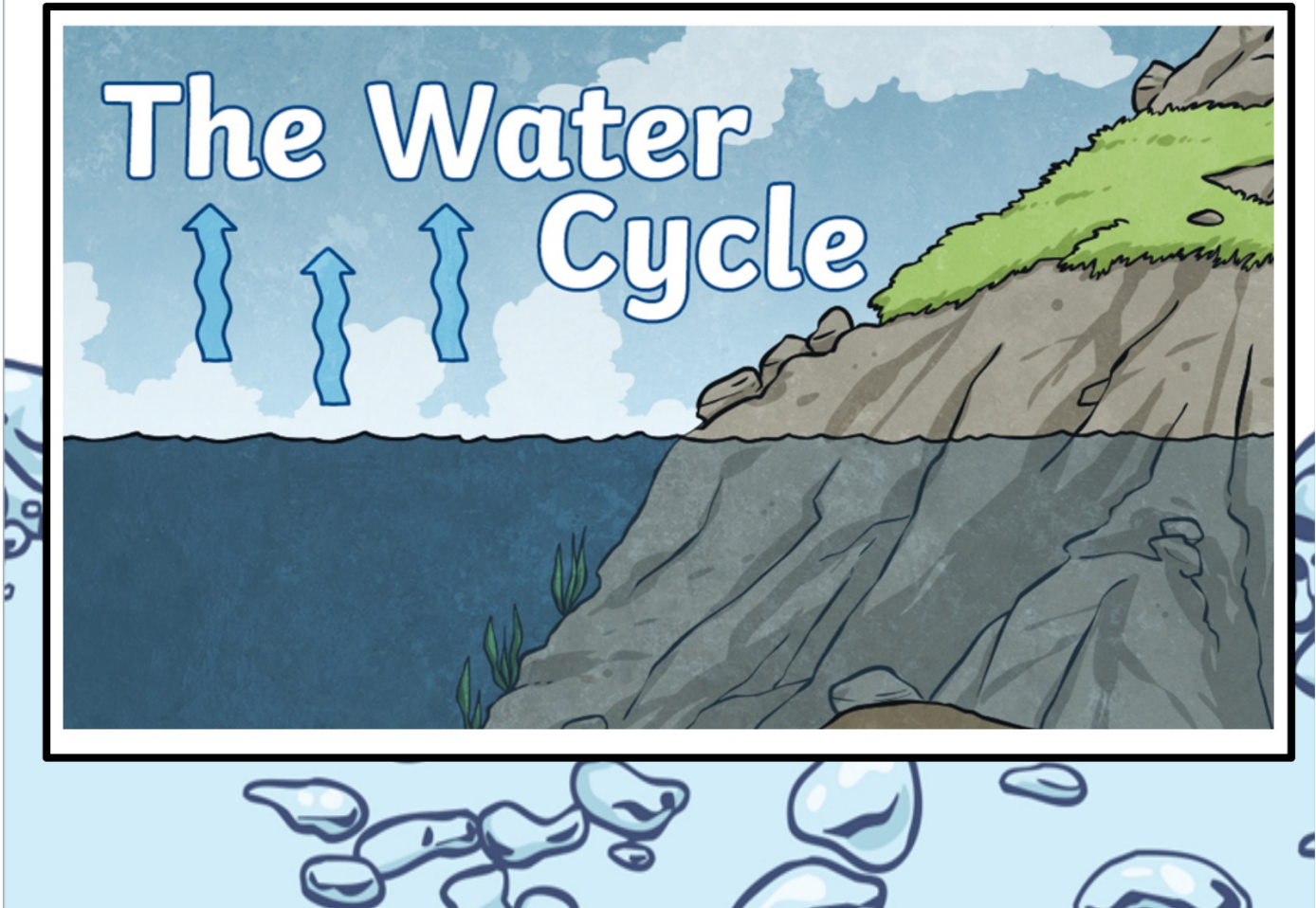


The Water Cycle

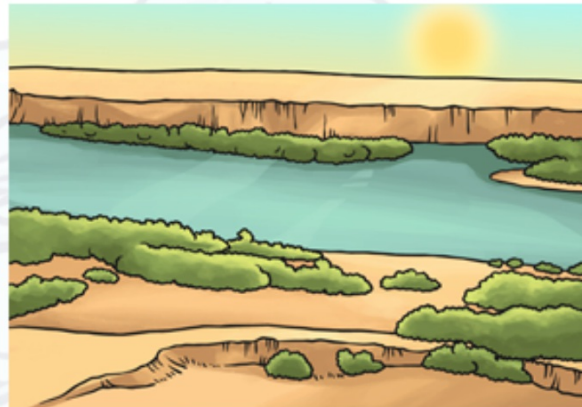


What is the water cycle?

The water cycle is the name we give to describe the way water moves throughout planet Earth. The water cycle has two other names:

The hydrological cycle

The H₂O cycle



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:

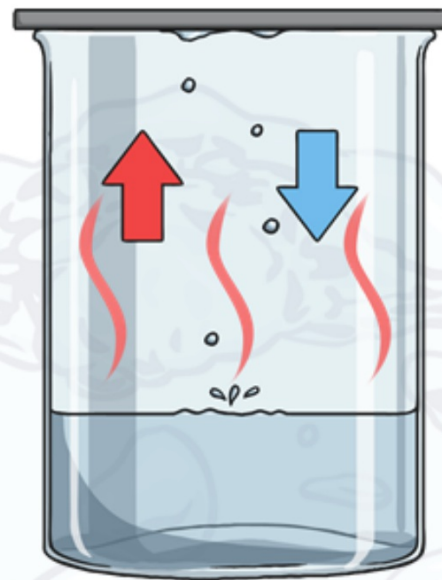
1. Evaporation
2. Condensation
3. Precipitation
4. Accumulation



Evaporation

This happens when bodies of water like lakes, rivers, and oceans heat up. When the water becomes hot, it forms vapours 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 vapour 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.



Accumulation

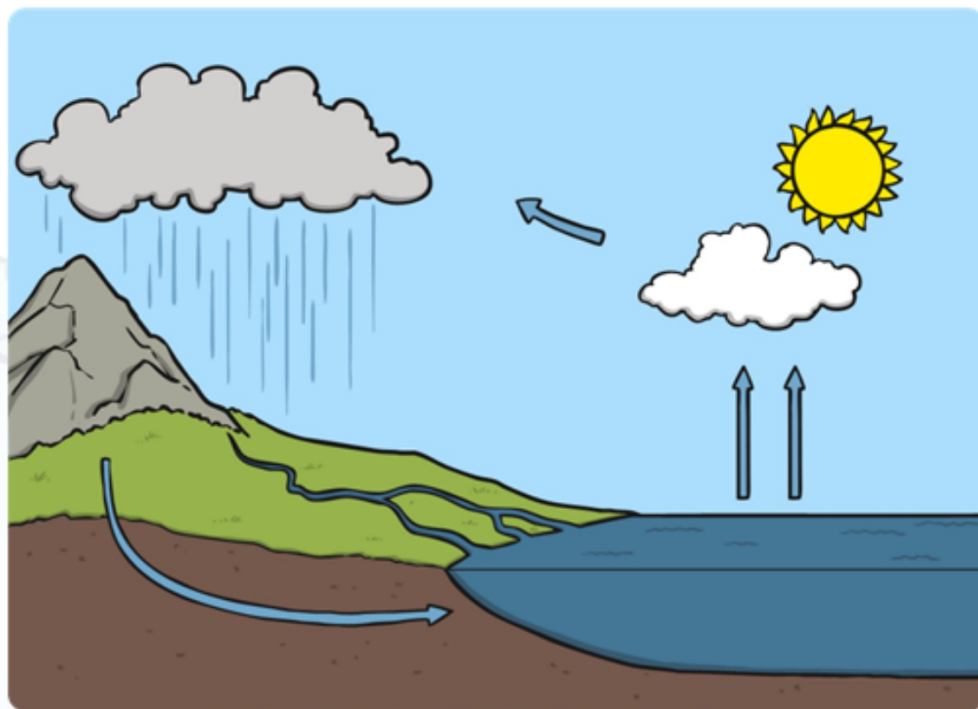
This happens when the water collects in one place and forms a river, lake, or any other body of water!

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

Answer: Evaporation



The Water Cycle

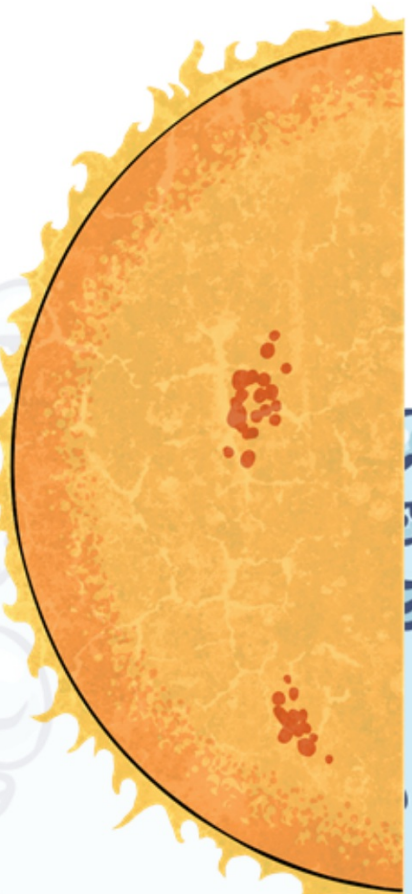


Fun facts!

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.

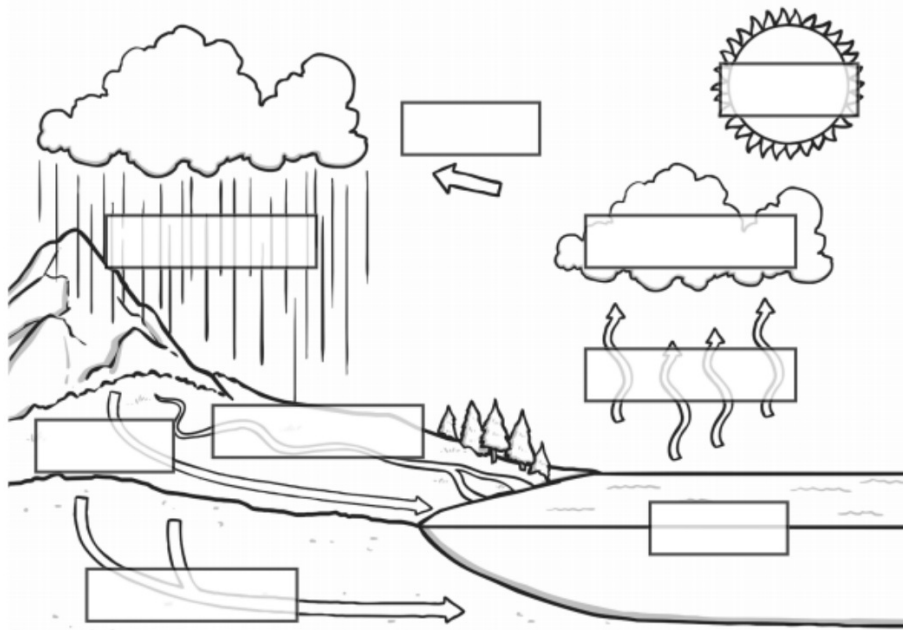
Only 2.5% of the world's water is freshwater.



The Water Cycle



[Empty rounded rectangular box for a title or name]



Label the diagram of the water cycle using the words below:

rivers and streams

precipitation

runoff

underground water

sea

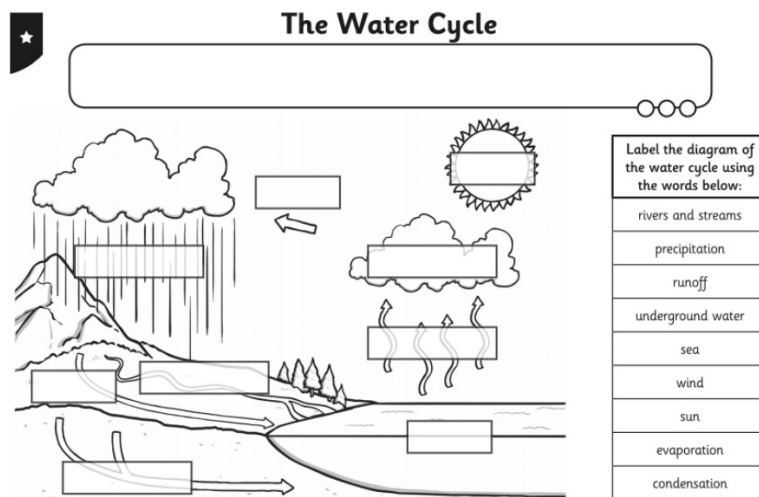
wind

sun

evaporation

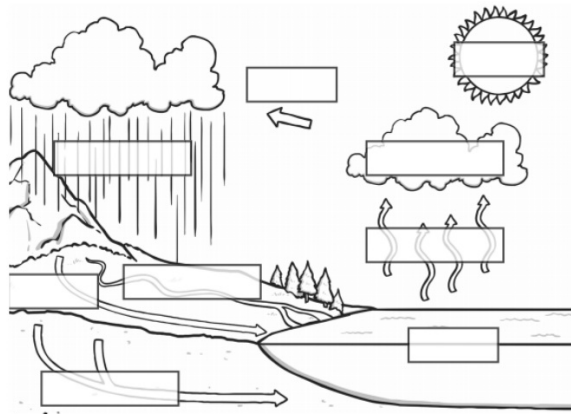
condensation

Let's see what you have remembered.
Complete the sheet that is on the next page.



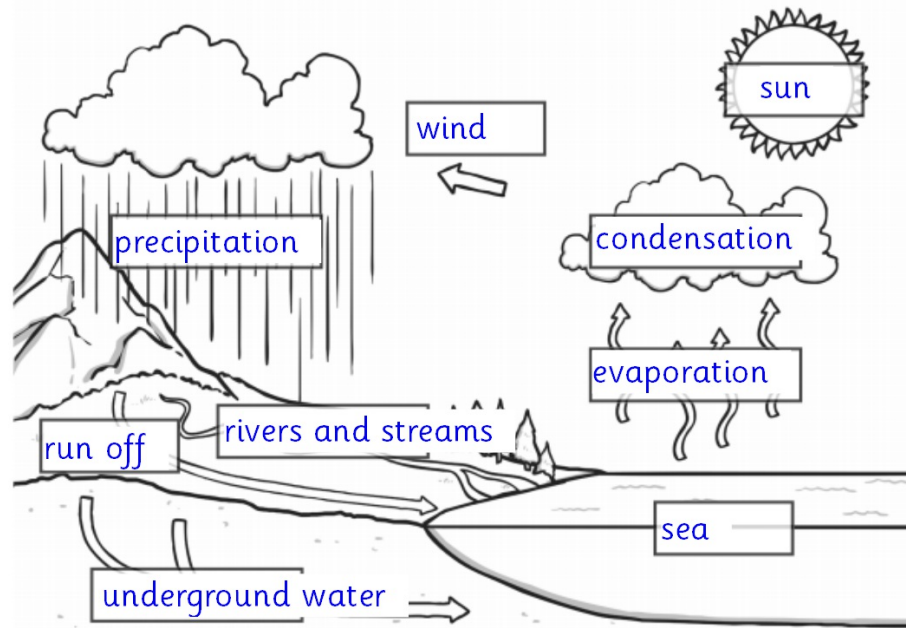
The answers are on the next page.

How well did you remember each phase?



The Water Cycle





Label the diagram of the water cycle using the words below:

rivers and streams

precipitation

runoff

underground water

sea

wind

sun

evaporation

condensation