## THE WATER CYCLE IN A BOTTLE

Creat your own water biome and see the water cycyle come to life!

## Step-by-Step Process

Remove the labels from the water bottles.

Add a drop of blue food coloring to each bottle and fill about 1/3 of the way with water. Make sure to screw the caps back tightly.

Turn the bottles upside down inside a plastic cup.

Place a large ice cube on top of the bottle and set it in a sunny location.

Check the bottles after about 30 min to an hour!

## **Observation Questions**

Will the water cycle occur even without the ice cube?

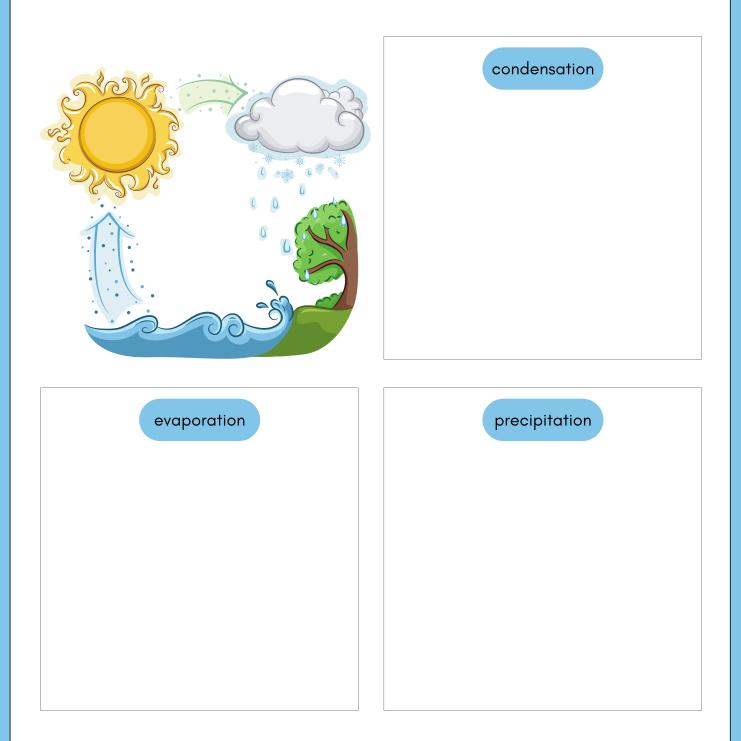
What happens when you put the bottle in the sun?

How is condensation observed with this experiment?



EXPLANATION water cycl le

The water we have on Earth is always be recycled. The water cycle is the process of water cycling around Earth as collection, precipitation, condensation and evaporation. Research these key terms and explain them in your own words.





Imagine that you have turned into a water droplet. Describe your life and all the events you are going through as you travel through the water cycle.