

Name: _____ Date: _____

THE WATER CYCLE IN A BOTTLE

Create your own water biome and see the water cycle 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 cycle*

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.



condensation

evaporation

precipitation

CREATIVE WRITING



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.
