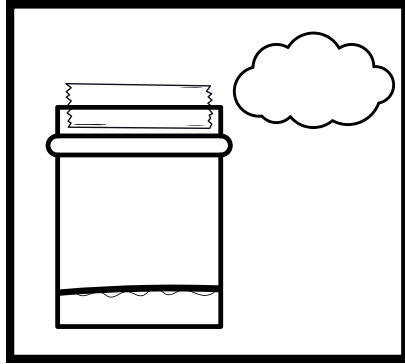


Expanding...

Move the bag to a window
without sunlight.
What happens to the water?



Student Name: _____

Teacher's Name: _____

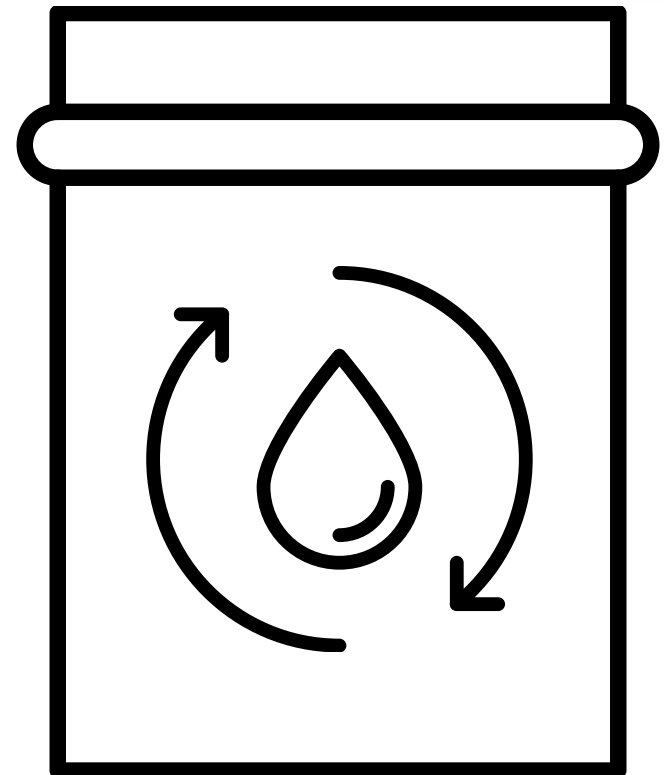
Due Date: _____

Partner's Name: _____



The Science Alliance of Tennessee, a coalition of 6 Science and Children's Museums, aims to foster children's curiosity, wonder and problem-solving skills using STEM curricula and community connections that set students on a positive trajectory of learning where they live and play. This project, the Tennessee Rural Impact Project (TRIP), was made possible in part by the Institute of Museum and Library Services.

Let's Explore Water Cycle in a Bag

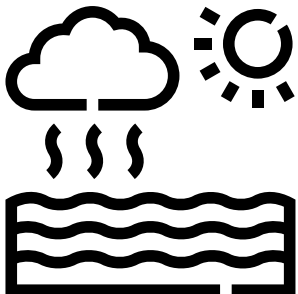


Exploring...

Water follows a pattern.
The pattern repeats over and over.
It is called **the water cycle**.

The water cycle has 4 steps:

- **Precipitation**- Water as rain, snow, hail, or sleet comes down from clouds.
- **Collection**- Water makes puddles and adds to lakes, rivers, and oceans.
- **Evaporation**- Sunshine heats up the water. Some of the water droplets move into the air.
- **Condensation**- Water droplets make new clouds.



What to do

What you need: clear zippered bag, window with direct sunlight, tape, water, marker

Let's make a water cycle bag!

1. Mark a line about 1 inch up from the bottom of the bag.
2. Fill the bag with water to the line.
3. Seal the bag. Tape the top closed.
4. Find a sunny window. Tape the bag to the window.
5. What will happen to the water in the bag over the week?

