

Water Jar

This activity is meant to demonstrate that water left in an opened container will “disappear” through the process of evaporation.

Supplies

2 identical medium sized jars with lids

water

ruler

paper

marker

tape

Directions

1. Using the ruler, paper, and marker, create a 20 cm “ruler”. Repeat. (The activity uses two measuring gauges.)
2. Tape one “ruler” to each jar, with the markings facing the glass. When you look through the glass, you should be able to see the ruler.
3. Fill each jar to the 15 cm mark.
4. Replace the lid on one jar – leave the other open.
5. Observe any changes over the next several days.
6. Record your findings. (Data record log attached.)

Extension Questions

1. What happened to the jar without the lid?
2. Where did the water go?

Georgia Performance Standards

Earth Science

S1E2. Students will observe and record changes in water as it relates to weather.

d. Determine that water in an open container disappears into the air over time, but water in a closed container does not.

