



Water Cycle Lesson



In this lesson, children will refresh their memory on the water cycle with a fun activity.

BACKGROUND:

Earth's water is always in movement and is always changing states, from liquid to vapor to ice and back again. The water cycle has been working for billions of years and all life on Earth depends on it.

MATERIALS:

- Plastic bag
- Permanent marker
- Food coloring (optional)
- 3 tablespoons of water



PROCEDURE:

- The plastic bag represents our atmosphere.
- Using a marker, label the bag with the processes of The Water Cycle. Label evaporation, condensation, precipitation, infiltration, and transpiration. Use our Water Conservation presentation as a guide.
- Draw pictures next to the processes to help you remember what each represents.
- Pour 3 tablespoons of water inside the bag.
- Tape the bag to a window that gets sunlight.
- Observe the water throughout the day and even throughout the week.
 - Does the water move around the bag?

CONCLUSION:

This activity can be lengthened over the course of a week. The children can move the bag to a place that receives less light and observe what happens. Is there more or less moisture at the top of the bag? Have the children create an observation journal.



The City of San Bernardino Municipal Water Department has partnered with the Inland Empire Resource Conservation District to bring you a series of virtual lessons and activity write ups on water education and conservation.

