



Theme: Water (Grades K-2)

Post-Visit Activity #2 Water Cycle Bracelets

Overview:

This activity will reinforce what the students learned at the Springs Preserve as students creating their own “Water Cycle” bracelet.

Objectives:

- Students will practice following oral instructions.
- Students will review the main stages of the water cycle.
- Students will create a visual reference to the main steps of the water cycle.
- Students will review terminology related to the water cycle

Materials:

- Pieces of cord (long enough for a child’s bracelet; 1 per student)
- Beads (1 of each color per student): white, brown, light blue, dark blue, yellow
- Plastic art trays or cups (1 per student)
- Pictures of the water cycle
- *Magic School Bus: Wet All Over* by Joanna Cole

Activity:

Have the students sit in a circle on the floor. Give each child a tray with one bead of each color and a piece of cord long enough for a bracelet. Ask the students to remember the water cycle activity they did at the Springs Preserve. Explain that you will be telling them a story about the water cycle, and they will be stringing the beads on the cord at certain times during the story. Remind the students that they need to pay very close attention so that their water cycle is correct and complete; otherwise the water cycle will not work!

Begin to explain the water cycle and show pictures at appropriate times: “Picture a cloud in the sky. Do you remember the parachute? This represented the clouds. At the Springs Preserve we learned that clouds are made up of droplets of water. (Have the students string a white bead on the cord to represent clouds.) When the cloud gets heavy with a lot of water and it cools down, raindrops, or snow, start to form and fall to the earth. Do you remember the rain sticks? (Have the students

put a light blue bead on the cord to represent rain.) These drops land on the ground, where plants, animals, and people use the water to live and play. Do you remember the water on earth station? (Have the students string a brown bead on the cord to represent the ground.) The water moves from the ground into rivers. The rivers carry the water out into the ocean (have the students string a dark blue bead onto the cord to represent water in rivers and oceans.) Then the sun warms the water (have the students string a yellow bead on the cord to represent the sun), and turns the water into vapor that rises back into the clouds, starting the cycle all over again.”

Help the students tie their bracelets and make sure all of them are complete and correct. They now have something to remind them of how water moves through the water cycle.

Teacher Note:

You may use the book *Magic School Bus: Wet All Over* by Joanna Cole to support your lesson.

Discussion:

Using their bracelets, point to the various stages in the cycle. Remember to use the same order as was taught to make the bracelets. As you point to the different parts of the cycle, encourage the students to point to their beads to follow along.

Suggested Reading:

1. *Brother Eagle, Sister Sky: A Message from Chief Seattle* illustrated by Susan Jeffers. A story about Native American beliefs and how each generation deserves to breathe fresh air, drink pure water and to enjoy all the beauty that the earth offers.
2. *Common Ground: The Water, Earth, and Air We Share* by Molly Garrett Bang. Explains how everyone in the world depends on each of us individually to protect resources and maintain respect for the environment.
3. *I Am Water* by Jean Marzollo. A first book about water in its different forms and uses.
4. *Magic School Bus: At the Waterworks* by Joanna Cole. Mrs. Frizzle, the science teacher, drives the magical school bus into a cloud where the children shrink to the size of water droplets and follow the course of the water through the city's waterworks system.
5. *Magic School Bus: Se Salpica Toda* by Joanna Cole. In Spanish, experience the earth's water cycle first hand as Mrs. Frizzle's class rises into the air, forms a rain cloud, and drizzles down to earth just like rain.
6. *Magic School Bus: Wet All Over* by Joanna Cole. Experience the earth's water cycle first hand as Mrs. Frizzle's class rises into the air, forms a rain cloud, a drizzles down to earth just like rain.

7. ***Splish, Splash, Splosh*** by Mick Manning and Brita Granström. Join the adventures of a young boy and his dog and ride the waves, float on rain-filled clouds, shoot down fast-flowing rivers and splash through sewers until you get where all water ends...and begins.
8. ***Water*** by Frank Asch. Aimed at very young children, this book artfully describes water in its many forms, its uses, and its role in our lives.
9. ***Water (My First Nature Book)*** by Andrienne Soutter-Perrot, Etienne Delessert (Illustrator). Explains water in its different forms and why every living thing needs water.
10. ***Water, Water Everywhere (Discovery Readers)*** by Melvin Berger, Gilda Berger, Bobbi Tull (Illustrator). A book about the water cycle, the distribution of water, and wastewater treatment.