

Water Cycle Bracelet

Brief Description: Learn components of the water cycle through a fun activity. Students will become water molecules and travel through stages of the water cycle, creating a bracelet and learning facts along the way.

Objectives: Students will be able to explain the water cycle and recognize key components of the cycle.

Background: The water cycle is the combination of processes in which water circulates between the earth's oceans, atmosphere and land. There are many processes that contribute to the water cycle including evaporation, condensation, precipitation and runoff. Water goes back and forth between stages during this cycle.

Materials:

- Pony beads in the following colors: white, green, clear, brown, black, blue
- One pipe cleaner per student
- Cups/ Bowls to put the pony beads in
- One dice per station (6)
- Print out of *Water Cycle Bracelet Station Labels*



Activity:

1. Set up the 6 Water Cycle Stations. Each station has a fact sheet, chart, colored bead and dice.
2. Give one pipe cleaner to each student and encourage students to start at various stations.
3. Students will collect one bead at each station, put it on their pipe cleaner, read the fact sheet, roll the dice, and move to the next station designated by the dice roll.
4. Allow students a specific number of beads to collect on their bracelet (6-10 beads).
5. After everyone has collected the designated number of beads, have students return to their seats.
6. Discuss as a class.

Water Cycle Bracelet Science Standards	
SC.2.P.8.4	Observe and describe water in its solid, liquid, and gaseous states.
SC.3.P.9.1	Describe the changes water undergoes when it changes state through heating and cooling by using familiar scientific terms such as melting, freezing, boiling, evaporation, and condensation.
SC.4.P.8.2	Identify properties and common uses of water in each of its states.
SC.5.E.7.2	Recognize that the ocean is an integral part of the water cycle and is connected to all of Earth's water reservoirs via evaporation and precipitation processes.
SC.5.E.7.1	Create a model to explain the parts of the water cycle. Water can be a gas, a liquid, or a solid and can go back and forth from one state to another.