

A STEM in the Park

Take Home Activity

STEM

in the **PARK**™

Science, Technology, Engineering, and Mathematics

Water Cycle Bracelet

What You Need:

- Blue, white, clear, green, and yellow beads (can have one of each color, or repeat the pattern to fill up the bracelet)
- Hemp string or pipe cleaner



What To Do:

- Place the beads on your pipe cleaner/string in a pattern that represents the water cycle.
 - The sun (yellow bead) heats up water in and on the earth (green bead). Water evaporates (clear bead), cools and condenses into clouds (white bead).
 - Then it rains, sleet, snows or hails (blue bead) and that water (called runoff) soaks into the earth where the sun again heats it, making it evaporate once again and continuing the cycle.
- After you place all of your beads onto your bracelet have an adult tie it around your wrist (not too tight).

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Learn:

Did you know the water that you use to wash your hands or drink is the same water that dinosaurs drank?

Water cannot be created or destroyed; it just keeps cycling. Water on the Earth is always moving. The water cycle is the constant movement of water on, above, and below the surface of the Earth. Water is also constantly changing states between ice, vapor, and liquid. These processes can happen very quickly or take many years.

The beads on your bracelet represent the phases that water goes through as it cycles throughout the planet.

Investigate:

- See if you can find water in ice, steam, and liquid forms around and in your house.

This activity is brought to you by the BGSU Department of the Environment and Sustainability