

Water (Hydrologic) Cycle Bracelet

The water on the earth today is the same water that has existed for billions of years. It is continually being recycled through the water cycle.

This activity uses 8 beads that represent the water cycle, or hydrologic cycle.

Materials:

- Colored beads-
 - ❖ White-(2)
 - ❖ Light blue
 - ❖ Brown
 - ❖ Dark blue
 - ❖ Green
 - ❖ Yellow
 - ❖ Clear
- Pipe Cleaner

Procedure:



1. Place a *white bead* on the pipe cleaner. This represents the clouds. The clouds are formed by cooling vapor.



2. Place a *light blue bead* on the pipe cleaner. This represents rain or precipitation that falls to the ground.



3. Place a *brown bead* on the pipe cleaner. This represents the ground or accumulation. Some of the water soaks into the ground. The water in the ground is either used by plants or remains underground until needed.



4. Add a *dark blue bead* to represent the oceans, lakes, ponds, and streams where some of the water that falls back to earth flows into rivers, lakes and oceans. This is called surface runoff.



5. Add a *green bead* for the plants, trees, and grasses that use water and release some of that water through transpiration.



6. Add a *yellow bead* to represent the sun. The sun creates heat which changes water into tiny invisible droplets called vapor.



7. A *clear bead* is added next to represent the water vapor created by the sun. This is an example of evaporation, which we cannot see.



8. Another *white bead* is added to represent clouds formed from the water vapor. We are back where we started on the water cycle!

Finally, tie the bracelet to show that the cycle goes around and around. It is continuously occurring. The water on earth today is the same water that existed billions of years ago.

