



## Second Nature - *The Water Cycle*

Today we learned

Water is important for plants, animals, and humans! Have a discussion with your child about the importance of clean water for all living things. Ask your child if they can think of any living thing that doesn't need water to survive.

Water exists in three different forms: **liquid, solid, and gas**. These are the three parts of the water cycle!

The **water cycle** is the movement of water on and above the Earth's surface. **Evaporation** occurs when bodies of water heat up, causing water molecules to rise up as a gas, or steam. **Condensation** occurs when the gas molecules start to collect together, forming clouds in the sky. **Precipitation** occurs when the water droplets become heavy enough to fall out of the sky. This process happens over and over again, and that's why it's called the water cycle!

Now at home

### Activity 1 - Liquid to Solid Popsicles

Making popsicles is a very yummy way to observe a liquid turning into a solid! To make popsicles, use juice as the base for your recipe, then get creative! Add chunks of fruit, sweeteners, fruit puree, or some greek yogurt. Mix flavors or make a layered effect with your fruit!

The Molds - Use popsicle molds, a cupcake tray, ice cube tray, or paper cups. For the stick, you can use wood craft sticks or chopsticks. To get these sticks to freeze upright in your popsicle, cover your mold with aluminum foil and push the stick through the foil. You can even omit the stick and foil for zero-waste treats! Now, pop your popsicles in the freezer and watch as they turn from a liquid to a solid!

### Activity 2 - Water Cycle Boogie

Time to get your boogie shoes on and dance this visual representation of the water cycle! Follow along with [this video!](#)

- Evaporation: Raise your hands from your sides to above your head while wiggling your fingers to represent the water floating from the ocean to the sky. As you raise your hands sing "evapor-a-a-a-tion."
- Condensation: Raise your arms from a T-position to a circle above your head to represent clouds forming. As you raise your arms sing, "condens-a-a-a-tion."
- Precipitation: Lower your hands from being straight up toward the sky to your sides to represent rain falling. As you lower your arms sing, "precipit-a-a-a-tion."
- Cycle: Do a dance while spinning around. As you spin sing, "The water cycle boogie goes round and round!"
- Up and down: Throw your hands to the air on *up* and bend your knees and squat to the floor on *down*. As you throw your hands to the sky and squat sing, "The water cycle boogie goes up and down!"

To send us any photos, videos, or questions, email us at [education@sproutup.org](mailto:education@sproutup.org)!

