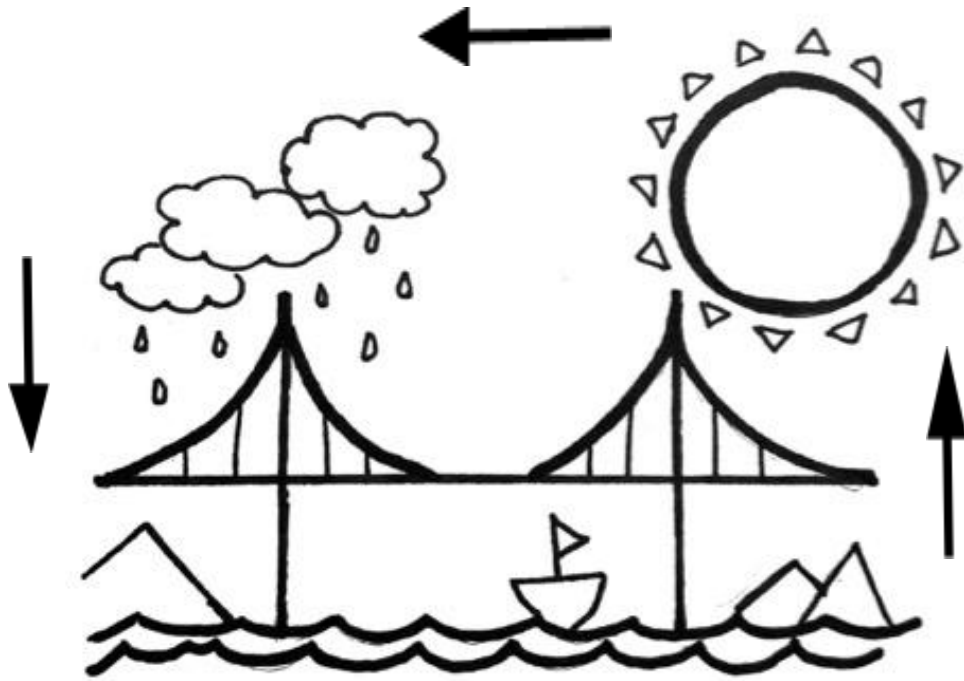




Funsheet - Water Cycle

On the arrows below, label evaporation with an "E", condensation with a "C", and precipitation with a "P".



What are the three states of water?

Name two living things that need water to survive.





Second Nature - The Water Cycle

Welcome to Sprout Up!

Sprout Up is a non-profit organization that aims to bring environmental science to elementary school students around the country. Your child is partaking in a three part video series about water in Santa Clara County. This series was made possible by support from Santa Clara Valley Water.

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 - 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!

Use popsicle molds, a cupcake tray, ice cube tray, or paper cups as a mold. For the stick, you can use wood craft sticks or chopsticks. To freeze the sticks upright, cover your mold with aluminum foil and push the stick through the foil (or forgo the stick for a zero-waste treat)! Pop the molds in the freezer and watch as they go from liquid to solid!

Next Video

We will explore the watershed and how humans use water infrastructure to help us manage water sources in our growing communities. We will also explore how green infrastructure is a way for humans to build infrastructure that mimics the natural systems within the watershed.

