

Nova's Guide to the Wonderful Water Cycle

Follow the journey of a droplet as it travels around our planet!

- **Evaporation** happens when the sun warms up the water in our rivers and seas, turning it into an invisible gas called water vapour.
- **Transpiration** occurs when plants release water vapour from their leaves into the air.
- **Condensation** takes place high in the sky, where the water vapour cools down and turns back into tiny liquid droplets to form clouds.
- **Precipitation** is when the clouds get too heavy and the water falls back to Earth as rain, snow, or hail.
- **Collection** is the final stage, where water gathers in oceans, lakes, and rivers, or soaks into the ground to start the journey all over again.

Did you know? Did you know that the water you drink today is the same water that the dinosaurs drank millions of years ago? Because Earth recycles its water, we are constantly reusing the same supply through the cycle!

Key vocabulary: Evaporation · Condensation · Precipitation · Transpiration · Collection · Vapour