

Nova's Journey Through the Water Cycle

Follow the Flow: Join Nova the Owl on a flight through the endless cycle of Earth's water!

- **Evaporation** happens when the Sun's warmth turns liquid water from oceans and lakes into an invisible gas called water vapour.
- As water vapour rises high into the cooler air, it turns back into tiny liquid droplets, forming clouds; this process is called **condensation**.
- When the clouds become too heavy to hold the water, it falls back to the Earth as rain, snow, or hail, which we call **precipitation**.
- Once the water reaches the ground, it gathers in rivers, lakes, and oceans in a stage known as **collection**.
- Plants also help the cycle by releasing water vapour into the air from their leaves through a process known as **transpiration**.

Did you know? Did you know? The water you drink today is the very same water that the dinosaurs drank millions of years ago! Because Earth recycles its water through the cycle, not a single drop is ever truly lost.

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