

The water cycle

Evaporation

Overview

The water cycle is a continuous path that all water follows as it moves around Earth in different states. This experiment demonstrates evaporation - when water turns to gas (vaporises). This experiment requires some patience.

Materials

One clear plastic or glass cup

Water

Wipeable marker



Method



1. Place a full cup of water in front of a sunny window



2. Use a marker to make a line at the beginning water level



3. Each hour mark the water level and begin to look for changes



4. As the sun heats the water, it should begin to evaporate

Why

In the water cycle, evaporation occurs when sunlight warms the surface of the water. The heat from the sun makes the water molecules move faster and faster, until they move so fast they escape as a gas - this is water vapour. Once evaporated, a molecule of water vapor spends about ten days in the air.

My personal research about **evaporation**