

AQUA
TIMES
Field Guide

The Wondrous Water Cycle

Materials Checklist:

- Aluminum Foil or Pie Plate
- Several Ice Cubes
- Glass container that can be heated
- Hot Plate

PROCEDURE

1. Put some ice cubes into the container and heat it on the hot plate until the ice changes to water and the water begins to evaporate.
2. Place a piece of aluminum foil over the boiling water so you can see the vapor condensing.
3. Demonstrate "rain" by placing a shallow pan of ice cubes over the vapor from the boiling water.

Observe:

This falling water (sleet and snow is frozen water) comes from land and surface water which was evaporated by the sun's energy. The water was heated by the sun, rose into the atmosphere, was then cooled sufficiently to condense into clouds and finally fell back to the earth as precipitation.



Step 1 and 2



Step 3

NEXT,
OBSERVE!