

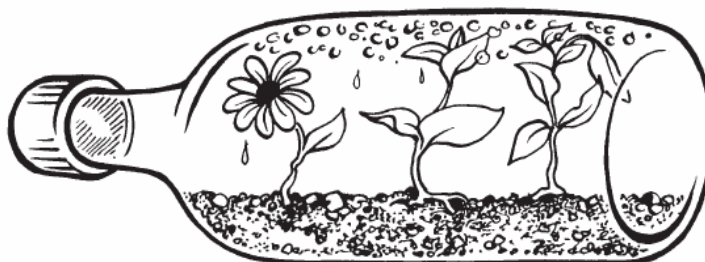
Build Your Own Water Cycle (Terrarium)

Focus

Create your own terrarium to see the water cycle work before your eyes in the classroom. The earth recycles water over and over again. It does this through a process known as the hydrological or water cycle.

Materials

- Plastic soft drink bottle or a large glass container.
- Potting soil
- Small house plants
- Tape
- Knife
- Water
- Plastic wrap
- Writing materials



Procedure

- Carefully cut the bottom 60mm of the soft drink bottle.
- With the bottle on its side, put soil into the bottle.
- Place small plants into the soil.
- Put bottom back on the bottle and seal with tape.
- Remove the cap from the bottle and carefully water the soil.
- Replace the cap and place in a sunny spot.

Understandings

Your plants will take up moisture from the soil and release it through their leaves (transpiration).

The water molecules will condense on the plastic and fall (as rain) back into the soil.

- Monitor your terrarium for temperature and any fungus, both of which can cause sickness and even death in the plants.