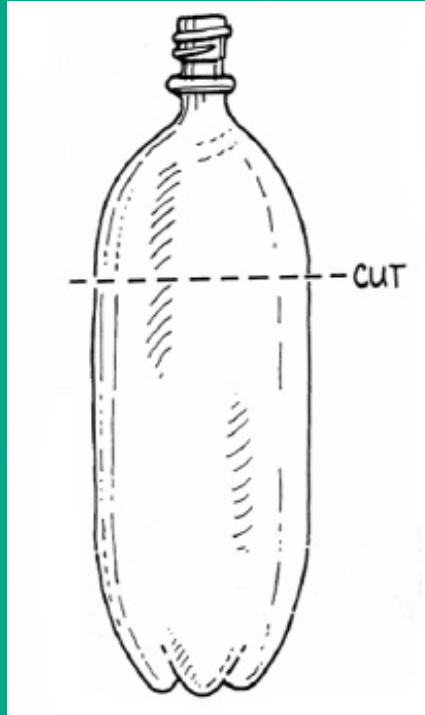


Use 2-liter plastic bottle.

*Taken from USEPA Water Activity Booklet 3-5.
See directions below.



So that students may observe the water cycle, build a terrarium (or have students or teams build their own). Be sure to have the 2-liter plastic bottle cut ahead of time.

1. Place 1/2 inch (1.25 cm) of gravel in the bottom of the bottle. (This is for drainage.)
2. Cover the gravel with about 2 inches (5 cm) of rich potting soil.
3. Plant the small plants or moss you have gathered.
4. Gently water the soil until moist.
5. Place the top back on the bottle and tape securely in place.
6. Place in a well-lit—but not too sunny—area. If all goes well, the plants will thrive and the water cycle can be observed all year.
7. Together with the students, observe the container after 24 hours. Note all changes and discuss the water droplets on the inside of the terrarium(s).
8. Ask the students how this demonstrates the water cycle.
9. Ask the students where the droplets come from and where they go.

