



Self-Watering Plant System



Purpose: Students will be able to identify that plants have the necessities which are air, water, nutrients, and space.

Background: Teach about plant growth or methods of recycling with this fun, affordable activity. Students can create self-watering plant systems for experiments and research opportunities or to care for small plants.

Materials: Plastic water bottles (with caps), string, soil, seeds, water, scissors

Activity:

1. Remove the wrapper from the water bottle and cut in half.
2. Punch a small hole in the cap and string the string through the hole.
3. Put the cap back on the water bottle and flip the top half of the bottle into the bottom half.
4. Fill the bottom with water, wet the string, and fill the top half with soil.
5. Plant seeds in the soil and watch them grow!

