

Fill the Water Cycle Model

1. Generously wet both strips of cloth. The moistness allows the water to travel along the cloth. This is called capillary action, which is the natural upward movement of water in confined areas, like the spaces between soil particles.
2. Add 250 ml (1 C) of water to bottle “A”. This water will be the source of water for the cycle in the model.
3. Fill bottle “B” with a generous cup of pre-moistened potting soil. The soil should cover the loop of cloth.
4. Sprinkle a bottle cap of grass seed into the soil in bottle “B.”
5. Take the remaining bottle cap and press it into the soil in bottle “B.” This acts as a collection receptacle for water.
6. The cloth strip on bottle “C” should be adjusted so it hangs over the “pond” in bottle “B.” this allows the water to collect in the cap.
7. Fill bottle “C” with 200 ml (2/3 C) of water and tightly close the lid. Do not put more water in Bottle “C” than directed. The weight of too much water can make the model top heavy and at risk of toppling over. Assemble the model and put it near a light source.

