



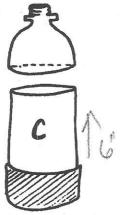
TERRAQUA COLUMN

- Remove labels from the two bottles. Remove base from one bottle, if they both have separable bases (see Bottle Basics p. 3).
- **2.** Cut the bottle with no base, 677 cm below shoulder curve, leaving a straight end on cylinder B.

Cut off the bottom 1-2 cm below hip curve, leaving a tapered end on cylinder B.



3. Cut top off second bottle 2 cm below shoulder, leaving a straight end on piece C.



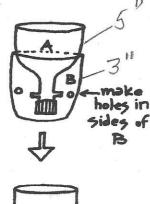
4. Punch or drill a hole in cap with an awl or drill. It is very important to enlarge the hole with a tapered reamer or drill bit to about 1 cm wide, enough to easily accommodate the wick. Attach cap to A.

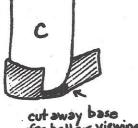


MATERIALS:

- two 2-liter bottles
- one bottle cap
- Bottle Biology Tool Kit (p. 2)
- wicking material fabric interfacing or cotton string
- · water, soil & plants
- **5.** Invert top A into cylinder B. Tape this joint for stability. Slide A/B unit into C.

6. For wick, cut a strip of fabric interfacing 1-2 cm wide and slightly shorter than the height of the column. Insert a wet wick as shown.





for better





Saturate wick in water, then insert into column, threading through cap.

When adding soil, make sure the wick runs up into the soil and is not plastered along the sides of the column or protruding above the soil surface. After you fill the column you may want to tape B and C together.

