



ACTIVITY Sub-Irrigated Planter (SIP) from a Plastic Bottle

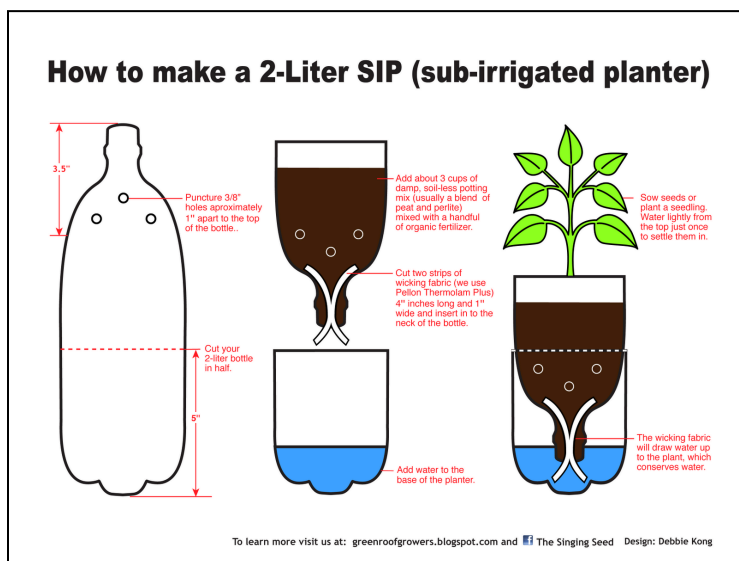
Sub-irrigated planters (mistakenly referred to as “self-watering planters”) are amazing systems for growing both houseplants and edible plants. SIPs hold reservoirs of water and air inside the planter, giving plants a constant supply of what they need to grow.

Materials:

- 2-Liter Soda Bottle (or any size bottle)
- Scissors/Sharp Object (point of a knife; for poking drainage holes)
- Potting Mix
- Strip of Fabric (felt works best; cotton works as well, but won't last as long)
- Seeds / Seedling / Plant

Instructions:

1. Remove label and clean the inside of the bottle.
2. Take a sharp object and poke drainage holes in the top third section of the bottle. Alternatively, you could use a heated metal skewer to make the holes.
3. Pierce a hole in the side of the bottle about half-way down. Wrap a piece of paper around the bottle, take a marker and trace a cutting line along the
4. Cut along bottle along line.
5. Invert bottle top and insert strip of fabric
6. Make sure that the fabric is in direct contact with the soil.
7. If you have any questions, take a look at the The Singing Seed's graphic below and on the back



Adapted from: Brooklyn seed company and The Singing Seed



For more resources and materials check out
the Zero Waste Schools website
grownyc.org/ZWS



How to make a 2-Liter SIP (sub-irrigated planter)

