



Recycle Garden HandsOn Broward

In honor of Earth Day on April 22nd, we are encouraging volunteers to create an at home garden using recycled materials. Plants are an essential part of our environment. Take your favorite vegetable or flower seeds and grow something beautiful. Once It grows, you can transfer it to the garden in your yard or donate it to your local urban garden.

Supply List *(parents should assist children with this project)*

- 2-liter bottles
 - Soil
 - seeds or kitchen scraps
 - thick string or yarn (either cotton or poly seems to work)
 - a Phillips screwdriver
 - hammer
 - sharp blade to cut the bottle.
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How to:

1. **Advise your network of the project.** Encourage your family, friends, and co-workers to donate their time creating this project.
2. **Purchase and/or collect supplies needed.** Make sure you have enough to make 1 recycle gardens to earn 2 service hours. We understand it may not be easy to access/purchase supplies at this time, so please do so safely. If you are having trouble, please contact us for suggestions.
PLEASE NOTE: Verified participants will receive a maximum of 8 service hours for this activity
3. **Create your Recycle Garden.** Detailed, step-by-step instructions are listed below.
4. **Email photo/video proof of your completed project.** Send all information to Zakiya Becca, zakiya@handsonbroward.org or 954-233-1300.

***Volunteers are responsible for purchasing any of the materials needed for DIY opportunities.**

Project Instructions

1. Cut Bottle in half
2. Use a Phillips screwdriver and a hammer to punch a hole in the center of the bottle cap.



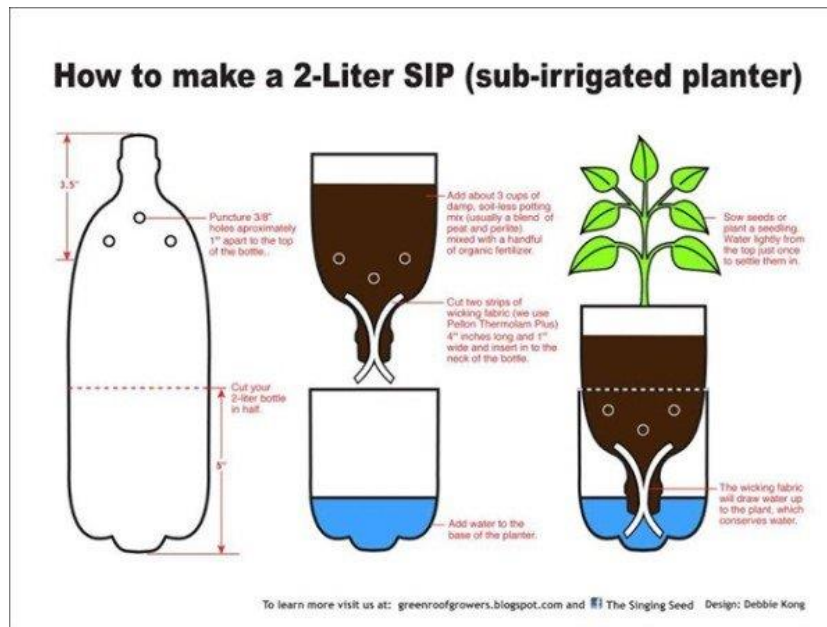
3. Cut a length of yarn/string about 1'-1.5' long, double it over and tie a loop on one end.



4. Thread the yarn/string through the hole in the bottle cap so that the knot is on the inside of the cap. This will act as a wick, drawing water up from the basin below and into the soil. The plant will take only what it needs, so the soil moisture will be perfectly regulated.



5. Put the cap back on the bottle top and nest the top of the bottle in the base. As the plants grow and use up the water, you can just lift off the top to add more to the base instead of pouring it over the soil. As the soil dries, water will be sucked up through the string into the pot.
6. Add seeds to soil and water.



** You can use the following videos for reference

<https://www.youtube.com/watch?v=n6QnKAYBKu4>

<https://kidsgardening.org/garden-activities-kitchen-scrap-gardening/>