

Third World Gardening

Third world countries are often poverty stricken and depend on larger, wealthier nations for a major amount of their food and resources.



The soil of many third world countries is polluted and not good for farming. Stealing is also a problem for anyone trying to grow food. Someone could easily just come by and take some food. People living in third world cannot buy expensive supplies for their gardens. For these reasons, the gardens must be light and portable. It must also use as little soil as possible and not use costly material for its construction.



An
example
of a 3rd
world
country
is
Somalia

THE THIRD WORLD COUNTRIES RELY ON PLANTS TO LIVE. THESE PLANTS NEED 5 BASIC THINGS . THESE THINGS ARE WATER, SUNLIGHT, NUTRIENTS, OXYGEN AND FOOD. THERE ARE NO PLACES WHERE THESE PLANTS CAN GROW BECAUSE OF POOR SOIL CONDITIONS EXCEPT ON ROOFTOPS IN TIRES AND IN BINS



**3RD
WORLD
GARDEN**

THERE ARE MANY TYPES OF GARDENS THAT THESE PEOPLE CAN GROW. THESE GARDENS INCLUDE THE SOCKS AND CANS, TIRE, LASAGNA, PALLET, SHALLOW BED, AND WICK GARDEN.

Tire Garden



Materials:

- Tire
- Plastic
- Woodchips
- Compost
- Water
- Plants
- Sawzall
- Drill
- Bucket

1. Drill a hole in the tire.
2. Then cut out the top of the sidewall.
3. Cut the plastic to put in the bottom of the tire.
4. Then put the plastic in the bottom and put the sidewall of the tire that you cut out on top of the plastic.
5. Put woodchips in the bottom.
6. Put compost on top.
7. Last, you put the plants in the tire and water them!



Pallet Garden



A pallet garden is a garden that is portable and can be made by people in third world countries easily. People in these poor countries can gain access to any of these materials.



Pallet Garden (cont.)

1.



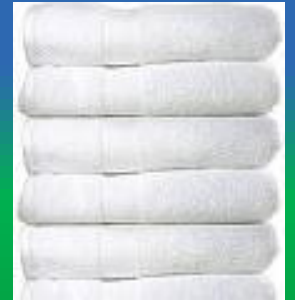
2.



3.



4.



5.



6.



7.



By: Yeardley Pendleton, and Hailey Levi

THE SOCKS AND CANS GARDEN

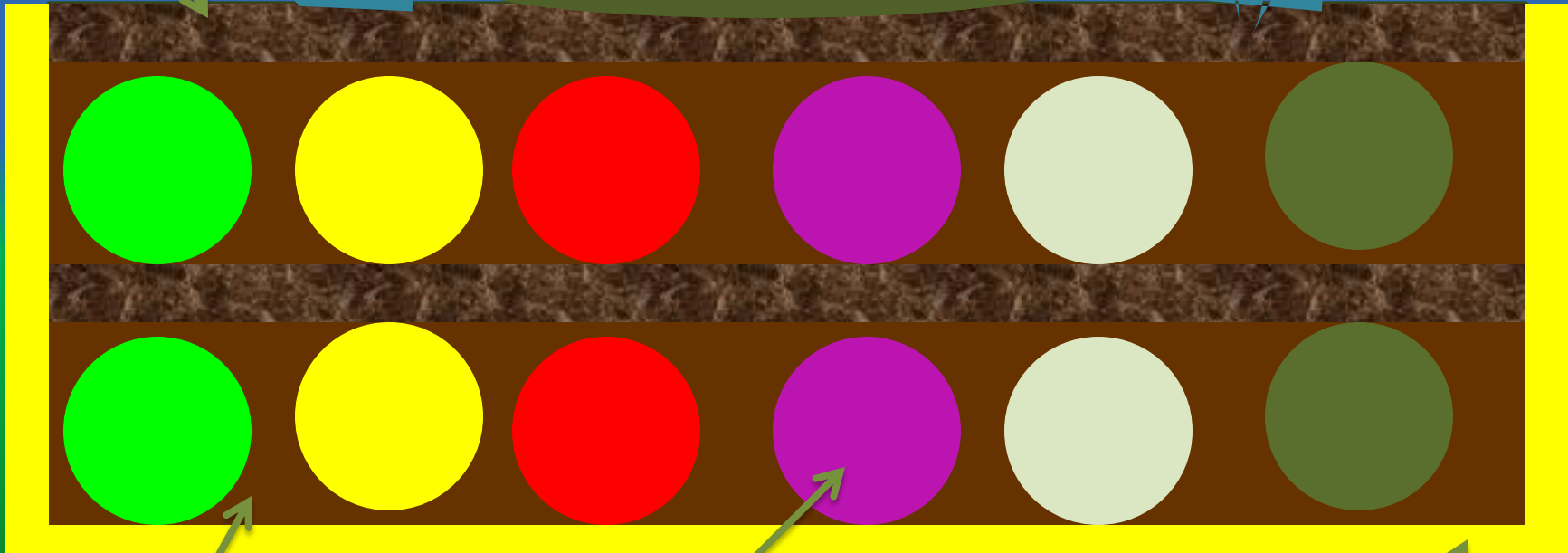
Our Garden was the sock and can garden. To construct the garden we used old socks, recycled cans, and a old recycling bin.



This is Compost.

Plant.

This gives water to the plants.



The Brown squares are the soil.

The Circles are the Cans and socks.

Recycle Bin

The Lasagna Wick Garden

The Lasagna Wick Garden is a

garden where layering is the key step in the process of making it, but before we did that we had to drill 4 holes two inches from the bottom. This drained excess water out. There's 2 layers of clothing 2 layers of styrofoam, 1 layer of compost, and 1 layer of pine needles. After we layered our materials, we watered the garden and put the plants on the layers.

Materials :

- Cement Mixing Tray
- Old Clothing
- Styrofoam
- Compost
- Pine Needles
- Plants



😊 PICTURES!!! 😊



SHALLOW BED GARDEN

- Shallow Bed Gardens are used in third world countries as a source of food
- They are kept on roofs because they are light and will not collapse a roof
- The materials used to make a shallow bed garden are easy to find in a third world country
- The materials needed to make a shallow bed garden are:
 - 4x6 sheet of plastic
 - Wood chips
 - Compost
 - Crushed cans
 - Fertilizer
 - Lime Stone
 - Water



SHALLOW BED GARDEN

How to make your shallow bed garden:

- First take the 4 x 6 foot sheet of plastic and lay it on the ground
- Then cover the whole surface with a very thin layer of wood chips
- Cover the wood chips with an even, but thin layer of compost
- Bury crushed cans under the wood chips and compost
- Sprinkle the surface with a small amount of limestone and fertilizer
- Water your garden
- Now, plant your plants in the garden
- Water your garden again



W i c k G a r d e n

Materials Needed:

- plastic
- carpet/cloth
- compost/woodchips
- plants and seeds
- 5 gallon bucket
- fertilizer; lime stone
- water
- duct tape
- scissors
- razor blade



Us with our Wick Garden.



Conclusion

In all we created gardens in such a way that third world people could create the gardens. They need portable lightweight gardens to provide food and also bring fresh produce to the market. This allows them to take the surplus home and not waste it. The people can also make the gardens very easily and cost-effectively.

