

Terrarium Supplies:

- Glass jar with wide-enough opening to get your hand in
- Gravel or small stones - enough to fill bottom of jar to 1 inch depth - about a thumb
- Sphagnum moss
- Gardener's charcoal - same amount as gravel
- Potting soil - enough to bring the soil level about 1/3 to 1/2 way up the jar.
- Small plants that thrive in warm, moist environment
- Miniature ornaments to complete the natural scene.

Making the Terrarium (The Steps)

1. Put a one inch layer of stones in the bottom of your jar.
2. Next place a thin layer of sphagnum moss to keep the soil from filling the spaces between stones.
3. Now add the charcoal to help filter decaying leaves.
4. Fill the container about 1/4 full of potting soil.
5. Remove the 2 - 3 plants from their plastic pots and arrange them in your terrarium. Not too packed! Plants need room to grow.
6. Move the plants around looking for a design you like.
7. Once you decide you like it, add potting soil around the plants and gently tap it down so it is firm and the plants are supported.
8. Water gently until the stones are covered with water.
9. Cover your jar with wax paper and a rubber band. Add a pretty bow if it's a gift!
10. Put the terrarium in a place with moderate or occasional sunlight.

Caring for your terrarium

As beads of water form (or condense) under the paper or lid, your plants will enjoy "rain." If no water forms after a day, open the terrarium and add a little more water. A terrarium is really easy to care for. Look at the bottom of the terrarium. If there is water among the stones then you should not water it for a few days.

Trouble-shooting:

1. Keep your terrarium in bright, indirect light.
2. Your terrarium functions as its own ecosystem and will sustain itself as long as you keep the lid on.
3. If your terrarium is fogging once a day, that's a good sign. You don't need to open it - the ecosystem is telling you it doesn't need additional air.
4. Not fogging? Add a $\frac{1}{4}$ to $\frac{1}{2}$ cup of water, being careful not to over-water, and close again.
5. Continual fogging? Leave lid off for a day or two.
6. Rotting plants? That means you've added too much water. Remove the rot and replace with fresh plants.
7. Mushrooms are a sign of a healthy terrarium! But they're only nice to look at—do not eat!
8. If mold starts to develop, sprinkle **cinnamon** on the moldy area, avoiding plant leaves.