

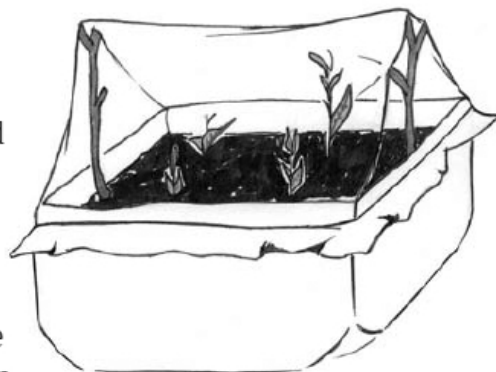
## Gallon Greenhouse

- Objective: To show an understanding of the environment needed to propagate plants.  
Time: 30 minutes.  
Materials: Gallon plastic jugs, soil, twigs, gallon plastic bags, plant cuttings (see next activity).

Have the gardeners save gallon jugs for 2 weeks before beginning this activity.

Remind them that in order for plants to propagate, a moist environment is needed. Tell them that they will create a miniature greenhouse that will preserve moisture in the soil and air and help keep the plants warm.

Rinse the jugs and have the gardeners cut the bottom halves off with scissors. You may need to begin the initial cut with a razor or sharp scissors. They should poke two or three small holes in the bottom of the container and fill it with soil. Stick two small twigs in opposite corners of the container to serve as supports to hold up the “roof” of the greenhouse.



The gardeners can use their gallon greenhouse to propagate plants in the Propagation Demonstration activity. Once cuttings are taken, moisten the soil and plant the cuttings. Cover the entire cutting with a plastic bag and place it in a well-lit area. Make sure that the light is not direct, because it is likely to cause too much heat to build up in the gallon greenhouse.



## #JMGkidSService Challenge

There are only a couple more sessions left in our JMG FB Live Group!

Remember, one of your jobs before we finish is to take what you've learned during our JMG sessions and **SHARE** something *with* another person or **DO** something *for* another person or **GIVE** something you made *to* another person!

»»» *When you do, please have a parent post to Facebook with hashtag #JMGkidSService so we can brag about you to the rest of the group it on our page!*