



PET Bottle Propagation Stand

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Summary

Simple stand to upcycle the PET bottle into a plant propagation station, pot, or container for hydroponic growing

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With this model, you can turn a used PET bottle into a propagation station for houseplants. It's very easy; just cut a PET bottle in half (careful not to hurt yourself), and you have a propagation container from the bottom section. It's even better now that you can use the upper part. because you can remove the cap without harming your plant, empty the water, and replace it with a new one. Additionally, you can experiment with different bottle colours to find out which ones would promote the optimum growth for your plant.

It may also be used as an inexpensive upcycled plant pot; just drill a few holes in the bottle cap to allow for drainage and fill it with soil.

For hydroponic or semihydroponic cultivation, utilise the third option. Just add a plant and fill with water. (I've been growing the fern in the photo just in water for about two years; she looks happy.)

Although it can be scaled down to fit smaller bottles, this stand was designed for 1.5 or 2 litre bottles. It is intended to be printed without support. For a better appearance, I advise using the Concentric bottom infill pattern.

Model files



pet_propagation_stand.3mf

☐ Just a model in 3MF



pet_propagation_stand_project.3mf

☐ The project for MK3S with preset parameters

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