

Create A Closed Terrarium



How To DIY *The Terrarium Initiative*

Create an ecosystem in the palm of your hand

Terrarity The Terrarium Initiative →



Did You Know: Our Earth has a drainage layer too, it helps to keep our water clean, and keep our beautiful plants on earth alive!

Step 1: Jars

When selecting a container for your terrarium, it's important to choose a glass jar that has a wide opening for easy access. Ensure that the jar is free of any labels or stickers, and give it a thorough cleaning before use to create a clean and healthy environment for your plants to grow.



Step 2: Drainage

Add a one inch layer of small rocks or pebbles at the bottom to create a drainage layer, which allows excess water to drain away from the roots of the plants, preventing them from rotting or becoming waterlogged. The rocks or small stones should be free of any debris to avoid unwanted organic matter that may contaminate the terrarium.



Step 3: Charcoal! Add a layer of activated charcoal. This is an optional layer that helps keep the soil fresh and prevent any unpleasant odors from developing.

Step 4: Soil/Substrate Mix

Time to get your hands dirty!

Add a layer of nutrient-rich soil from the outdoors on top of a layer of window screen mesh. If you don't have window screen mesh, you can use a piece of saran wrap or a plastic bag with many small holes poked into it to create a similar effect.



Tip: Don't use Potting soil, your soil needs to be bioactive, meaning dirt that's filled with little critters

Step 5: Plants

Go outdoors to find plants for your terrarium, make sure you choose something that likes humid environments. Get a parent/guardian to help you identify the plants you find.



Step 6: Pets! This step is optional, add any springtails or isopods you find on your search to build your terrarium; they can help your terrarium thrive + They look cute!

Did You Know:

Isopods look like little pill bugs, and they are very friendly 😊

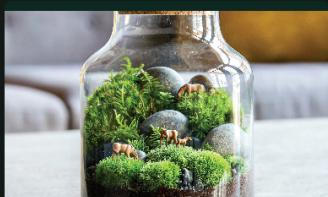
Isopods and Springtails eat our decaying matter such as mold and fungus, they keep our terrariums clean, and our Earth Clean!



Step 7: Decorate, make your terrarium unique to you!

Step 8: Watering

Giving the terrarium a good watering after planting and then watering as needed while being careful not to overwater is important to keep the plants healthy.



Step 9: Add a lid to your terrarium, this will help keep the humidity in, and keep your terrarium healthy!

Step 10: Sun

Place your terrarium in a spot that gets indirect sunlight; direct sunlight can burn your plants! If our Planet has too many greenhouse gases, the sun will burn us too!



You did it!

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