



DIY Water Cycle Terrarium Jar



Concept: Water cycle — safe, sealed, and long-lasting

Materials:

- Glass jar with lid (mason jar or recycled)
- Small stones
- Potting soil
- A few tiny plants or moss
- Spray bottle with water

Steps:

1. Put a thin layer of stones in the bottom for drainage.
2. Add soil and place the plant or moss inside.
3. Lightly spray water until the soil is damp.
4. Close the lid tightly and place in indirect light.
5. Over the next hours/days, watch: moisture rise and condense on the glass, droplets form and slide down, soil re-absorbing the water (precipitation)
6. Explain gently: *This tiny world is doing what Earth does. The water cycle is happening right here, repeating and repeating.*
7. Keep the terrarium for weeks — it becomes a living model of the pattern.

*Remember,
Remember.*

A **terrarium** is a sealed, self-sustaining mini-ecosystem for plants. The enclosed environment traps moisture allowing a water cycle of evaporation, condensation, and precipitation to occur.