

"The sun climbed to a higher place in the sky, drying out the morning dew." Dew is water droplets condensed from air, usually at night, onto cool surfaces. You can watch the water cycle form morning dew by making your own terrarium.

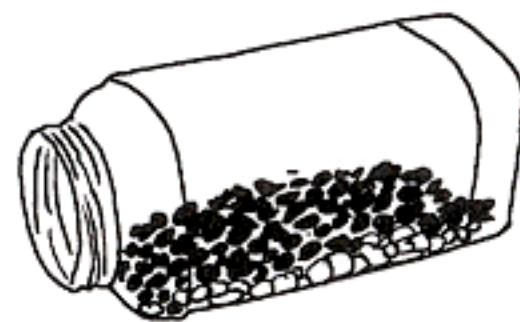
You will need:

- a large, clear jar with a lid
- potting soil
- small gravel
- crushed charcoal
- spray bottle/water
- seeds or small plants
- four labels



How to make **Rain in a Jar**:

1. Turn the jar on its side and cover the bottom with the small gravel.
2. Put a layer of charcoal over the gravel.
3. Add a layer of potting soil.
4. Place the small plants or seeds in the container.
5. Use a spray bottle to water your plants.
6. Place the lid on your jar to complete the terrarium.
7. Put it in a warm, light spot (out of direct sunlight).
8. Water droplets should form on the inside of your terrarium by the next day. If there are no droplets, spray more water into the jar. The water cycle will provide your plants with the rain they need to grow.



How to use **Rain in a Jar**:

Use a journal to record daily observations of your Rain in a Jar.

Draw and measure the growth of your plants.

Use color-coded labels on the side of your container to show the path of the water cycle.

Red - evaporation
Blue - precipitation

Purple - condensation
Green - accumulation

Add some insects and turn your terrarium into a mini-habitat. Observe the insects for two days. Then release the insects.

