



# Solar Distiller

Find out if you can distill clean water from salt water or muddy water!

## What you need:

- 2 large plastic containers (“stills”)
- clear plastic wrap
- masking tape
- 2 small rocks
- 2 small glasses
- 2 tablespoons of dirt
- 2 tablespoons of salt
- water

## What you do:

1. Fill both containers with one inch of water.
2. Mix dirt into one container; salt into the other.
3. Place one empty glass upright in the middle of each plastic container.
4. Cover both plastic containers tightly with plastic wrap and seal them with tape.
5. Place a small rock in the middle of the plastic wrap over the glass but not touching the glass inside.
6. Place the stills in a sunny spot for two hours.
7. Describe what you find in the glasses, if anything, after two hours.