Learn How to Make Dirty Water Clean!

Supplies
- 1 large clear bowl
- clear plastic wrap
- 1 pebble
- 2 tablespoons of salt
- food dye (any color)
- drinking glass with 1 cup of water
- spices such as garlic or chili powder (optional)

Directions
Assemble the supplies. It’s a good idea to place the bowl in a sunny spot and assemble the materials in that location.

1. Mix the water in the bowl with the salt, a few drops of food dye, and a few teaspoons of the spices until the water looks dirty!
2. Place the drinking glass in the center of the bowl.
3. Cover the bowl with the plastic wrap so that it is a little loose. Place the pebble on top of the plastic in the center so that it is exactly above the top of the drinking glass. Make sure the bowl is set up in a sunny location in your home.
4. Leave the bowl in the sunshine for two or three hours and check on it regularly to note what is happening.

The temperature in the bowl will increase. This heat will evaporate the dirty water. When the water vapor reaches the plastic sheet, it will form water droplets. This water will run down the plastic sheet and drip into the cup. Now this water is clean and good to drink!