



FRESHER WATER

Clean It Up! Experiment

Complete this experiment and find out how to create cleaner water! You might even get to try some of the steps used in a real water treatment plant.

You will need:

- 1 bottle of muddy water
- 2 clear plastic bottles
- Sand and gravel
- Filter paper or kitchen roll
- Something to stir the water



Do you think this experiment would kill the germs or remove any harmful chemicals in the water? What do they use at water treatment plants?





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Method:

Step 1



Step 2



1. Place sand and gravel inside your bottle of muddy water. Stir the sand and gravel in.

2. Observe the sand and gravel sinking to the bottom. This is called sedimentation.

Step 3



Step 4



3. Cut the top third off your empty bottle. Use the top of the bottle as a funnel and the bottom as a beaker.

4. Place the funnel on top of the beaker. Fold a piece of paper towel (or filter paper) into the funnel.

Step 5



5. Slowly pour the dirty water through the filter and into the funnel.

Does the water look cleaner now? Would you drink it? (Why/Why not)

