

Make a water filter



At a water treatment plant, water is cleaned by being filtered through sand and gravel. Make your own water filter to see how this works.

YOU WILL NEED:

- two jars,
- a funnel,
- coffee filter papers,
- a little clean sand,
- some gravel,
- some soil.



1. Put a filter paper in the funnel and stand the funnel in a jar.

2. Mix a little soil with water in another jar. Empty the dirty water into the funnel. Look to see how clean the water is.



3. Put a new filter in the funnel. Add a handful of sand and gravel. Pour more dirty water into the funnel. Repeat step 2.

4. The water should be cleaner this time.



WARNING
The filtered water may look clear, but it's not really clean, so don't drink it.

