

Water Filtering

Materials:

Must have: plastic bottle, rubber bands, water, and scissors

Optional Filter Materials: 3 coffee filters, dirt, rocks, cotton balls and sand

Optional Pollution Materials: paper pieces and various food



Step 1:

Cut your plastic bottle in half



Step 2:

Remove plastic bottle cap. Wrap 1-3 coffee filters around the opening of the bottle and rubber band it in place. This will be your filter.



Step 3:

Place the top half of the bottle in the bottom half. Begin putting in your filtering materials. For my example I put in cotton balls, soil, and then decorative pebbles.



Step 4:

Mix your pollution materials in with water. I used rice, paper pieces, and chips.



Step 5:

Pour your polluted water in your filter. Watch to see how your filter worked. Did you get clear water in the bottom? Did any of the pollution make it through your filter?

