

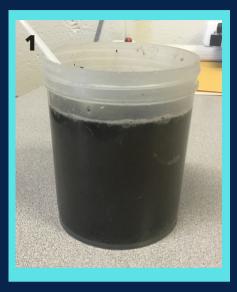
Make Your Own Filter

Do NOT drink any of the water used in this activity.

Materials

- 4 plastic cups
- 3 clean plastic bottles (16.9 fl oz)
- Scissors
- 3 rubber bands
- Cheese cloth
- Gravel and sand, rinsed and cleaned
- Dirt
- Water

INSTRUCTIONS



Make a cup of dirty water using dirt from outside.

Carefully cut the bottom third of each water bottle off (ask an adult for help).





With a rubber band, secure a piece of cut cheese cloth around the opening of the water bottles. Make sure the cheese cloth has two layers to be strong enough to hold gravel and sand.



Add 3/4 cup of sand to one bottle, 3/4 cup of gravel to another, and leave the third water bottle empty. Place all 3 water bottles upsidedown into the plastic cups. Pour equal amounts of dirty water into the water bottles.





Once your water passes through the filter, label each cup. Place the filtered water in order from clearest to dirtiest water. Which filter worked the best?