

HANDS ON ACTIVITY: MAKE YOUR OWN WATER FILTER!

This activity demonstrates the importance of clean water and how much we should value our clean water systems. Not everyone can easily get clean water, and clean water can get dirty much easier than it can be made clean.

LET'S GET STARTED

WHAT YOU'LL NEED:

- 2 empty water bottles
- Dirt/soil
- Scissors
- Gauze
- Rubber bands
- Things that you think could help filter the water:
Examples: cotton balls, sand, rocks, rice, beans, pasta, etc.

INSTRUCTIONS:

1. Make your dirty water

- a. Fill one of the water bottles halfway with water.
- b. Scoop some dirt into the water.
- c. Put the lid back on and shake!

2. Begin your filter

- a. Cut the empty water bottle in half.
- b. Remove the cap from the bottle full of dirty water. Then place the gauze over where the cap would be and secure it with a rubber band.
- c. Take the top half of the water bottle that you cut in half, and place it upside down inside the other half.
- d. Finally, place all the items you think could be used to filter the water (like your cotton balls, sand, rocks, etc.) in the top half of the upside-down water bottle. For best results, try using several items. Now you are ready to test your filter!

3. Test your filter

- a. Pour the dirty water into the top half of the water bottle (your filter).
- b. The bottom half of the water will show your results!

4. Feel free to try this process several times to see if you can get your water cleaner and cleaner!

Your water was probably still pretty dirty even after a few tries with the filters. Would you drink water that looked like that? Probably not! We made our water dirty by adding dirt. People often have to drink dirty water full of things worse than dirt—things like bacteria and germs and other unknown contaminants. Drinking dirty water can make a person sick, but what choice do they have if there is no other water? Clean water is essential for good health; sadly, it is not available to everyone. Many people in Haiti live without access to clean water. Please pray for those in Haiti without clean water and for our friends at Bright Hope, who help make clean water available in areas where they need it most. Pray that God provides clean water and that people give thanks to Him when they get this good gift.

HANDS ON ACTIVITY: WHO'S THE BEST SCRUBBER?

Keeping things clean can be a real challenge! How about making a FUN challenge out of it?

LET'S GET STARTED

WHAT YOU'LL NEED:

- Scrubbers (Pick several)
 - Scrub brush
 - Rag
 - Steel wool (with permission)
 - Dish soap
 - Sponge
 - Flat scraper
- Dirty Dishes

INSTRUCTIONS:

1. Collect your scrubbing materials.
2. Try to clean each dish using a different material (scrubber), and see which scrubber works best!

(Optional Challenge)

3. If you have a brother or sister, or maybe a cousin or friend, challenge each other to a "scrub-off" and see who can get their dishes clean the fastest.

WHAT DID WE LEARN?

Depending on which scrubbing tool you were using and how dirty your dishes were, you might have had to work really hard to get your dishes clean. Can you imagine if you only had the scrubbers that didn't work very well? What if you couldn't get the dishes all the way clean? What if your mom and dad couldn't help you clean the dishes? What if you didn't have any of the scrubbers? In Haiti, not everyone can wash dishes in the sink, or even wash dishes in clean water. This activity is a reminder that it can take a lot of work to make things clean, but we clean the dishes so that we stay healthy and keep our food clean too! Remember to pray for the people of Haiti and their struggles to make things clean. Pray that God would provide for them, and make their bodies healthy and strong.