

Healthy Habits

There are germs both healthy and unhealthy, all around us and inside our bodies. These germs, also called microorganisms, are invisible to us. They can only be seen through a microscope.

Some germs cause disease. These disease-causing germs can get into our bodies when we drink contaminated water or eat contaminated food.

Directions

Help Pedro prevent the spread of disease by using the healthy habits at the right of the page. For each section in the diagram, list the healthy habits that will stop the spread of disease.



A. Pedro's hands picked up germs from feces when he went to the bathroom.



MicRooRGANISM
Micro = very small
Organism = living thing



C. Pedro ate food with dirty hands, spreading the germs from his hands to his mouth.

The value of Water

Follow the story in the boxes at the corner of each page to find out how you can protect your water.



Once upon a time there was a clean water environment.





Healthy People





B. Feces entered Pedro's water sources during heavy rains. This can also happen from dirty diapers or from poorly designed sewage systems (such as latrines next to rivers).

WHAT is fecal-oral transmission?

Fecal-oral = feces-to-mouth. Germs from feces can get into your mouth through your hands, food or water.



D. Pedro drank dirty water, washed food with dirty water or ate with dishes that had been washed in dirty water, thereby taking fecal germs into his body.



Practicing healthy habits helps you avoid exposure to microorganisms that can make vou feel sick.



Purifying water

Keeping a clean house and especially a clean kitchen





Washing fruits and vegetables with clean water



Disposing of used diapers in trash bins—do not allow feces to enter water sources







But cities grew bigger, people collected non-recyclable trash and there were no toilets.

Do "KNot" Pa

Directions

Find the differences in the two scenes below. Which one of the two scenes contains healthy habits? Check your answers on the back cover.

Germs are everywhere. Each time we touch something, we can spread germs—or pick up new germs. Washing your hands with soap and water frequently throughout the day can help wash these germs away.





The water's environment became very dirty and unhealthy.

155 It Along

Take a Hands Holiday!

For the rest of the day, send your hands on a holiday by avoiding touching anything with your hands. Use your hip to push open a door. Move a book aside with your elbow. Take note of the things you could not avoid contacting with your hands. These are some of the places where germs gather.

To keep from spreading germs, cover your mouth with the crook of your elbow or with a handkerchief when you sneeze or cough. If you do sneeze into your hand, make sure to immediately wash the germs away with soap and clean water.







People did not care about the water and threw trash into it.

Where's t

WHY use soap?

- Soap removes germs better than just rubbing your hands together with water.
- Washing your hands with soap cuts your risk of geing diarrhea almost in half!
- Nothing is simpler to get disease-causing germs off your hands than washing with soap and water.







2. Scrub Those Hands! — Rub your hands together for at least 20 seconds. Sing the Hand Washing Song or count off 20 seconds to make sure you give the soap plenty of time to work! Be sure to get all the parts of your hands - front, back and your wrists.



1. Get Ready! Get Soap! — Roll up your sleeves and get your hands wet. Rub soap all over your hands until you have some bubbles or foam.



Fernando and Claudia noticed that the water was not clean.



He Soap?



3. Rinse Germs Away! — Pour clean water over your hands. Use a pitcher or a Tippy Tap if you don't have a spigot or tap water. Remember to use clean water when you rinse!

follow me ...

Hand Washing Song

Sing to the tune of La Cucaracha

Lava tus manos Moja tus manos Siempre usa el jabón

Frota tus manos Por adelante Por atrás, y los dedos

Y los pulgares Bajo las uñas Enjuágate las manos

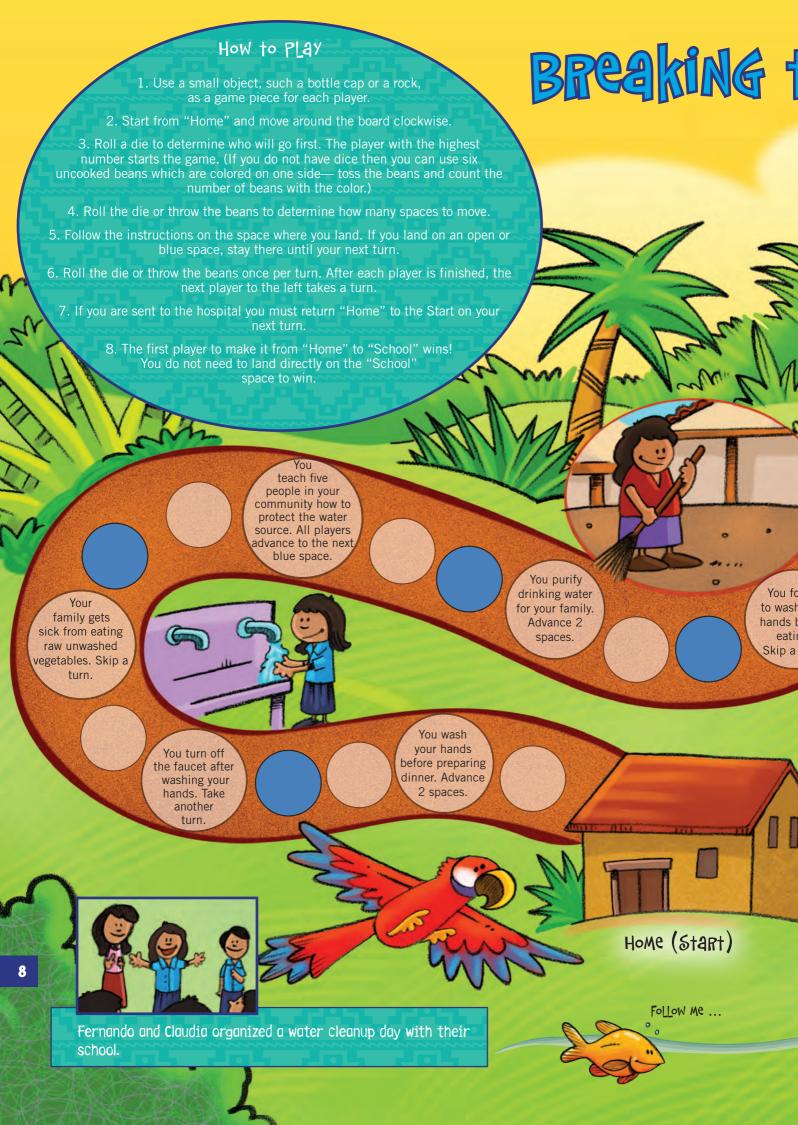
Lava tus manos 20 segundos Usa agua y jabón



4. Shake It Dry! — Shake your hands dry or use a clean towel.

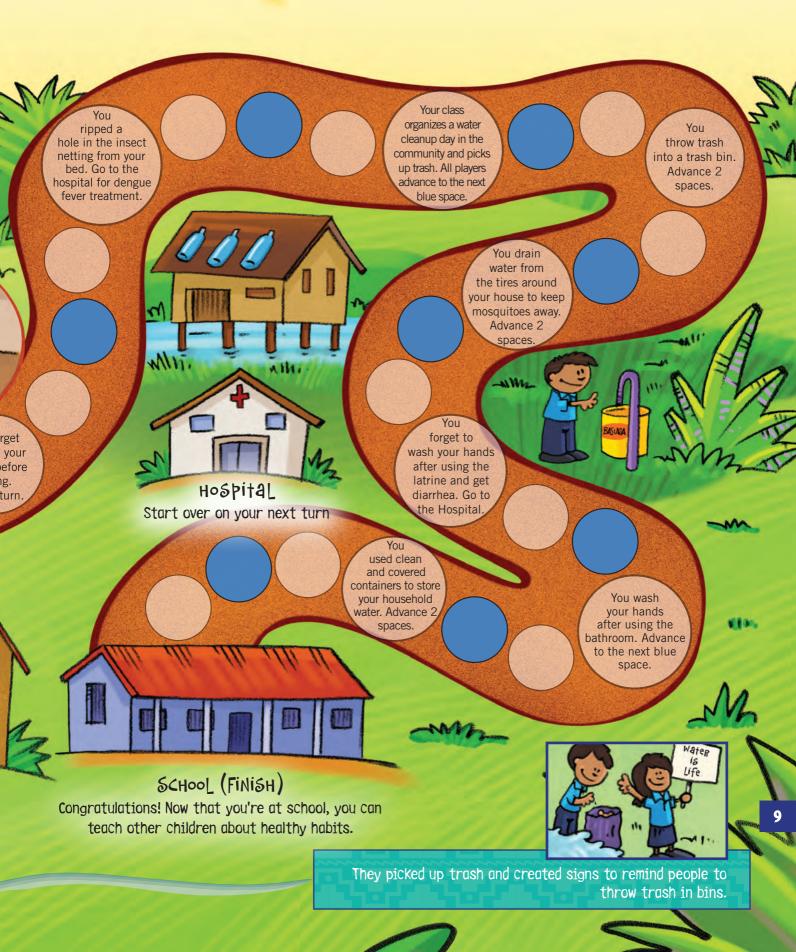


They decided the community needed to make the water healthy for drinking and bathing.



the Chains of Transmission

PLAY this game to Learn about healthy habits!



Protecting

Directions



10 RECICLABE RECICLABE

They created posters about how to deposit garbage in the correct bins for disposal or recycling.

Follow Me ...

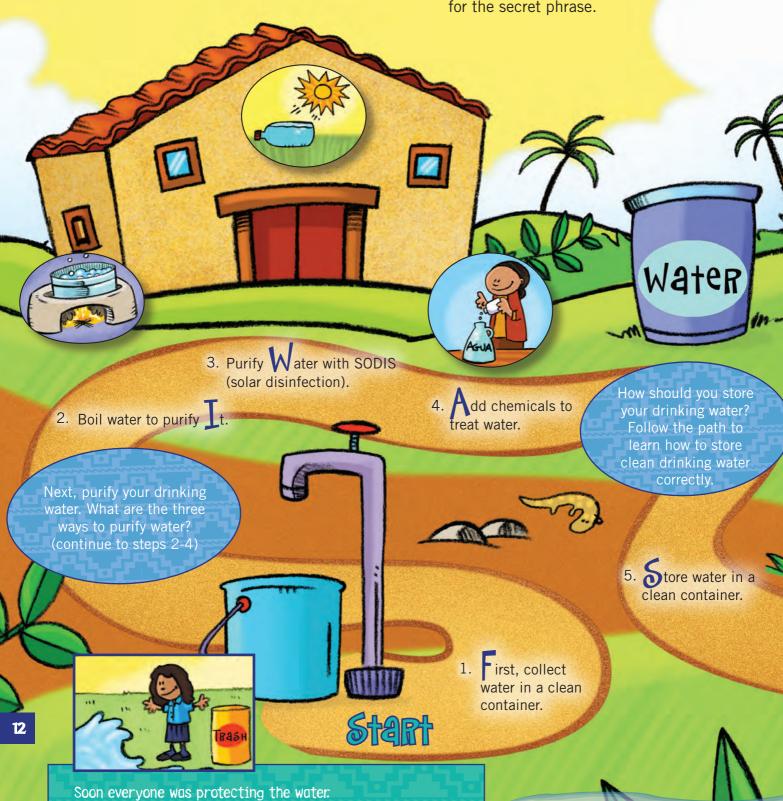




The Path to H

Directions

- 1. Start at the faucet at the bottom of the page and follow the steps along the yellow path to learn about healthy drinking water.
- 2. Answer any questions along the path. Write the large blue letter at each step along the path into the corresponding numbered space in the secret phrase at the top of the page.
- 3. Once you have completed the path to healthy water you will have all of the letters for the secret phrase.



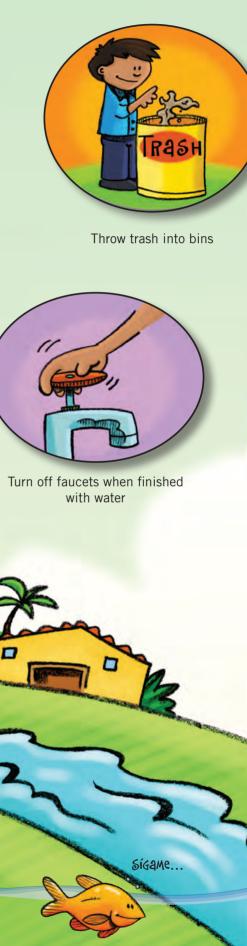


Words of

The proverb about a water jug (pictured below) teaches an important lesson to us. When interpreted it means that nothing lasts forever. Unless we conserve and protect our water sources they could disappear.

List three ways you can protect and conserve your water source so that you and your family may enjoy healthy water for many, many years.

The water was a clean environment again.



F Wisdom



Dispose of dirty rinse water away from water sources



Clean up trash around a river



Do not allow feces to enter water sources

Test your water wisdom

Check your answers on the back cover.

- 1. What are acceptable methods to purify your drinking water?
 - a. Boiling it for 3 minutes
 - b. Using solar disinfection, known as SODIS
 - c. Using chemical treatment such as chlorine
 - d. all of the above
- 2. You should wash your hands **after** which of the following activities?
 - a. Using the latrine
 - b. Cooking rice
 - c. Eating fruit
- 3. Which of the following is a common place to pick up germs or pass them along on your hands?
 - a. Latrine
 - b. Door handle
 - c. Handshake
 - d. All of the above
- 4. When you wash your hands, soap molecules "grab" onto dirt and germs, allowing water to rinse them away. True or False?
- 5. After you've lathered up with soap, how many seconds should you spend vigorously washing your hands?
 - a. At least 20
 - b. Not more than 30
 - c. 60
- 6. Which activities require purified water?
 - a. Drinking and brushing teeth
 - b. Washing dishes and silverware
 - c. Washing fruits and vegetables that will be eaten raw
 - d. All of the above
- 7. A water source is a person who sells bottled water. True or False?





Healthy Habits...Healthy People, pages 2-3

- Washing hands
- Washing hands
- Dispose of dirty diapers in trash bins
- Purifying water, Washing fruits and vegetables with clean water
- * In addition to the habits mentioned here, keeping a clean house can help stop the spread of diseases.

Do "KNOT" Pass it Along, pages 4-5

The scene on the left shows habits that need fixing circled in blue. The scene on the right shows healthy habits circled in red.





PROTECTING THE SOURCE, PAGES 10-11 Healthy Habits are circled in red; habits that need fixing are circled in blue.



Healthy Habits

- Purifying water using SODIS, chemical (chlorine) treatment and boiling water
- Storing water in a clean, covered container
- All trash is contained in a covered trash bin
- The house has a covered rain water harvesting

Habits to fix

- Leaking shower head
- Throwing trash in the toilet
- Letting the water run while washing

THE Path to Healthy Water, Pages 12-133

The secret phrase is: WATER is LIFE

Test of water wisdom, pages 14-15

- 1. d. all of the above
- 2. a. You should wash your hands AFTER using the latrine and BEFORE cooking rice or eating. However, if you touch raw meet be sure to wash your hands afterwards, as well. Remember, you can always wash your hands anytimel
 - d, all of the above
- True. Soap molecules are attracted to dirt and germs on one end and water on the other end. allowing the soap to "grab" molecules and wash them away.
- a. at least 20
- d. all of the above
- False. A water source is the supply of water for a community, such as a river, ground water or rain water

How can you keep water sources healthy for the future?

- Throw trash into a trash bins
- Turn off faucets when you are finished with the water
- Dispose of dirty rinse water away from water sources
- Clean up trash around a river
- Maintain latrines away from water sources
- Do not allow feces to enter water sources

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