WATER OPERATORS:

DELIVERING SAFE WATER EVERY DAY

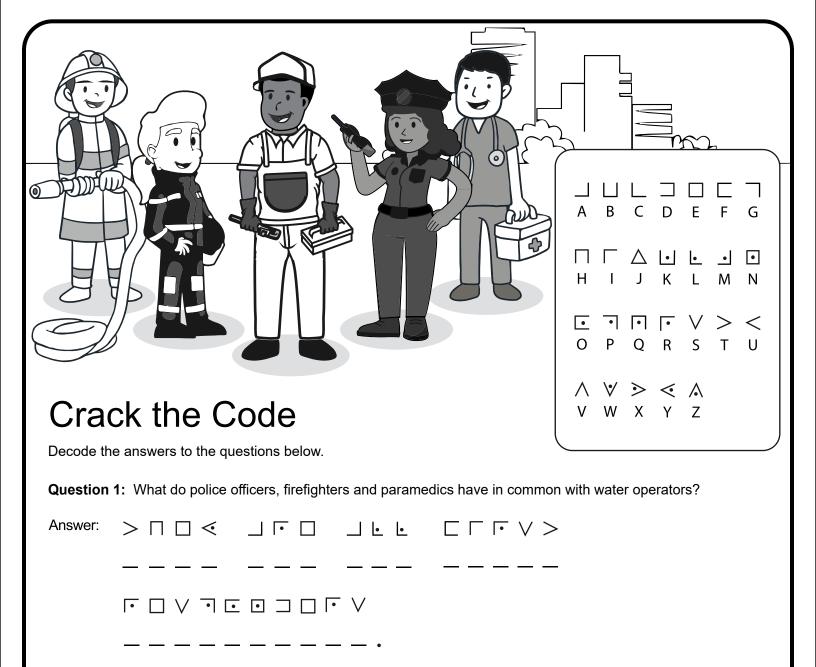


Help Jamie show her friends how her dad keeps our water safe every day!

Today is career day at Springside Elementary School. Adults are here today explaining what they do all day long, from lawyers to bakers and teachers to electricians. Jamie sits down with her friends, Marcus and Kate, for lunch.







Question 2: What do hospitals, first responders, firefighters, power plants, schools and homes need every day?

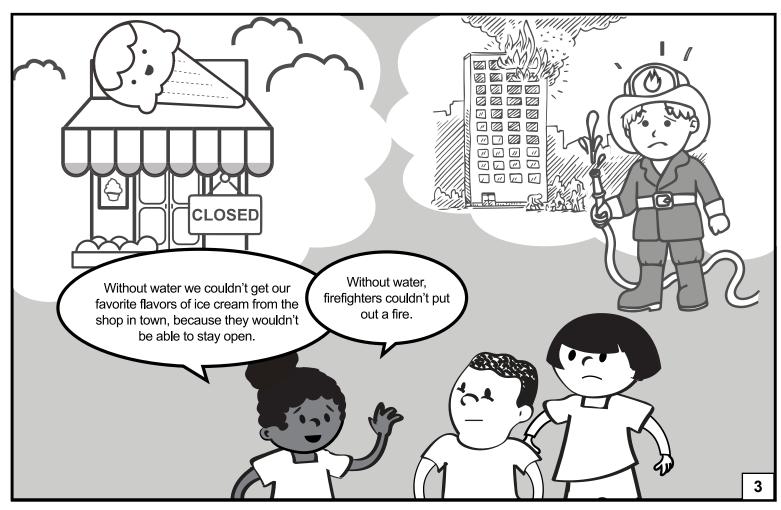
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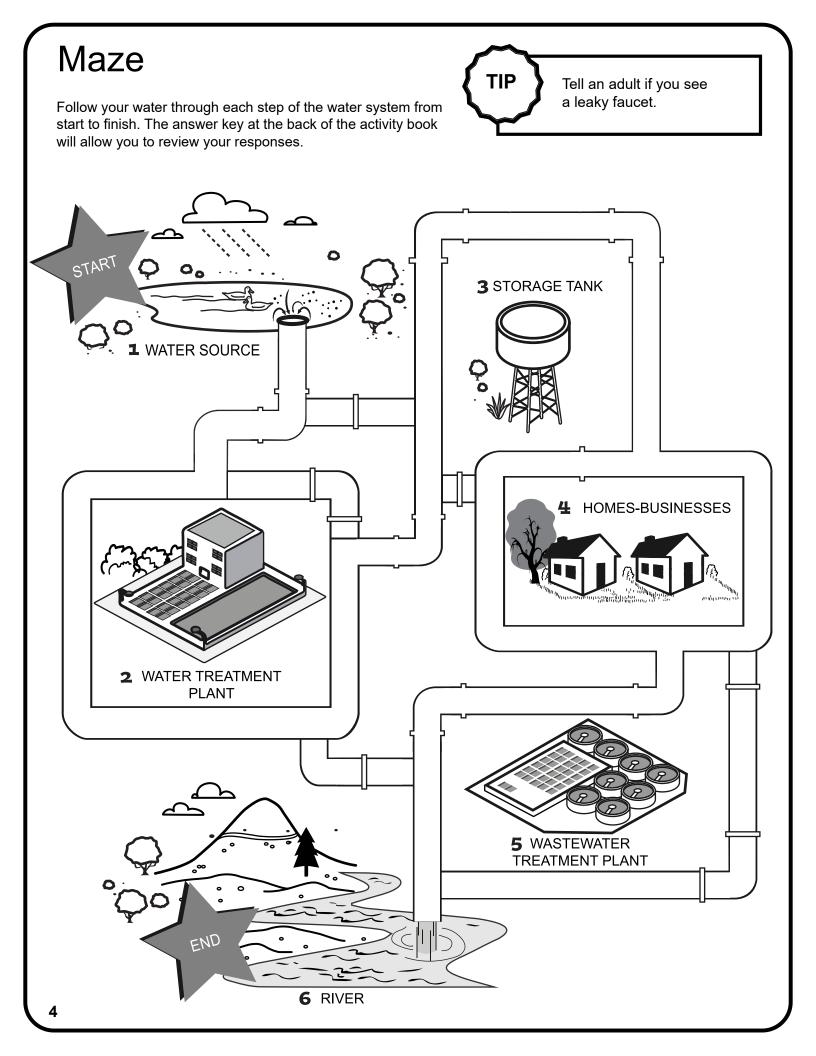
Answer:

Imagine a Day without Water

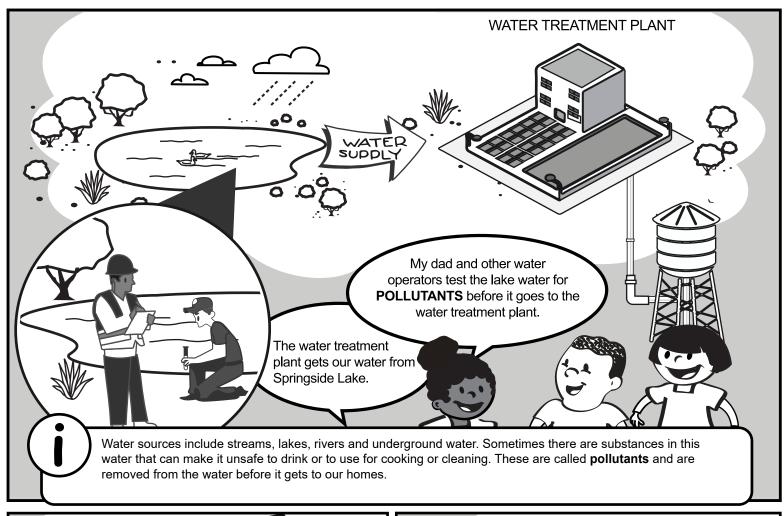


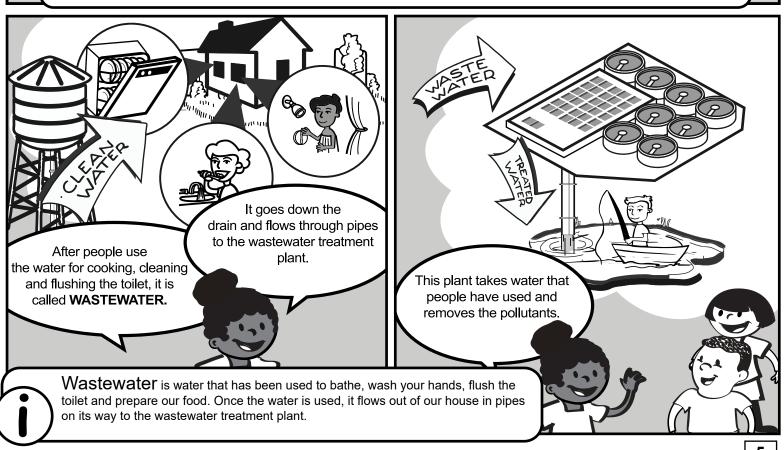






Behind the Scenes: Delivering Water Services

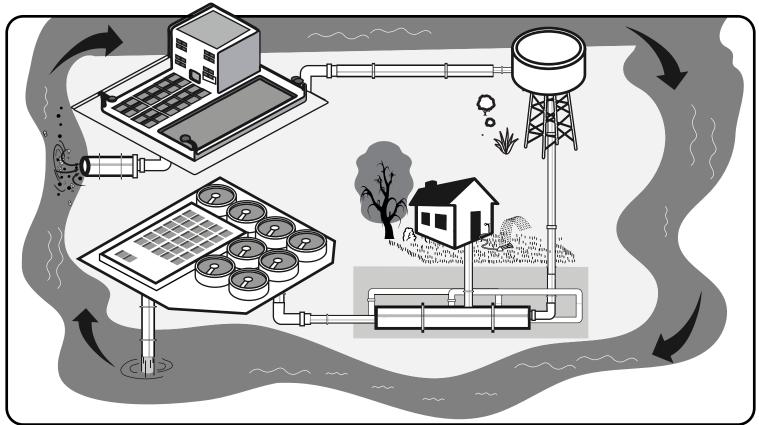


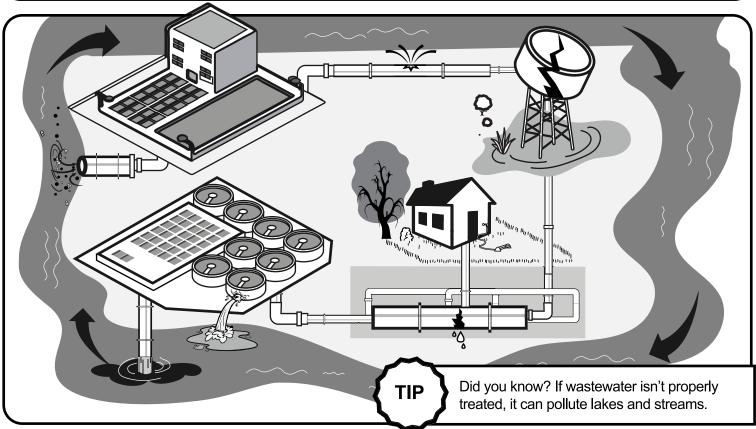


Spot the Difference

Can you spot the six differences between these two pictures?

Hint: One picture shows problems that can happen in a water distribution system.





- Spill at wastewater treatment plant.
 - 4 Water sprinkler is not working
 - Pipe break below home.

- 2. Damaged water storage tank.
- 1. Water main break between the water treatment plant and water storage tank.

ANSWER KEY

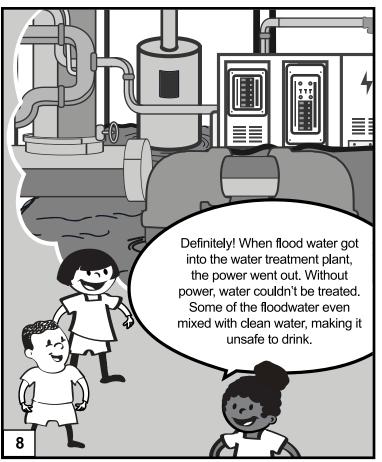
Emergency Response and Recovery

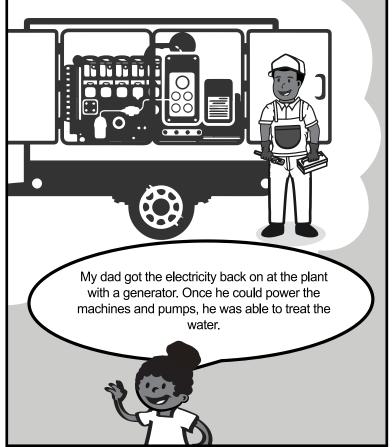




Emergency Response and Recovery







Crossword

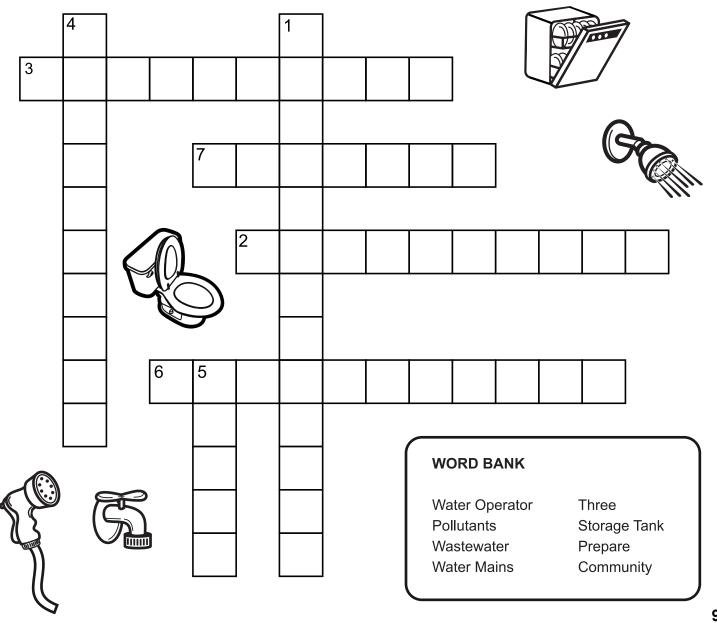
Complete the crossword by filling in a word that fits each clue. The answer key at the back of the activity book will allow you to review your responses.

ACROSS

- 2. Items such as dirt, leaves and germs that water operators remove from drinking water.
- 3. Water that has been used by people for washing, flushing and cleaning.
- 6. Where water is held after treatment but before people use it (two words).
- 7. What everyone needs to do to make sure they are ready for a water emergency.

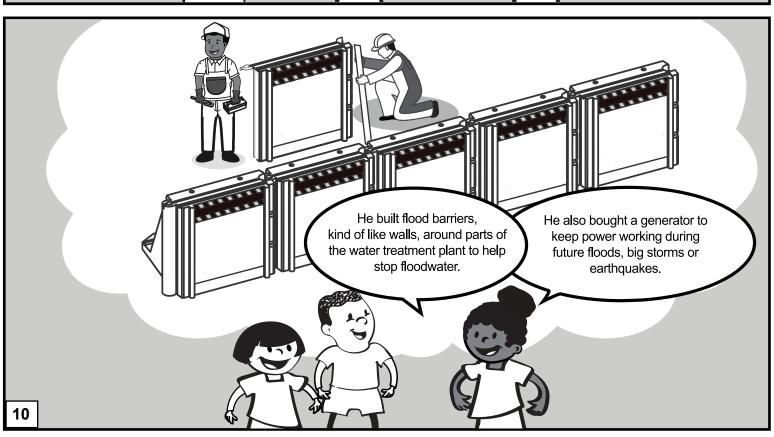
DOWN

- 1. The person who provides safe drinking water for a community.
- 4. Pipes that take water from the treatment plant to homes, schools and other buildings (two words).
- 5. The number of gallons per person of bottled water you should have at your house in case of an emergency.



Emergency Preparedness







Water Preparedness Quiz

Test your knowledge by answering the questions below about water emergency response, recovery and preparedness at home and in your community. Work with a parent to help you find the right answers.

| 1. | Do you know where your water comes from? A company or a well in your yard? |
|----|---|
| 2. | How much extra water should you keep at home in case there is a water emergency? |
| 3. | Who should you call if your water smells funny or tastes weird? Add this number to your emergency contact list. |
| 4. | How many gallons of water are lost every year due to water main breaks? |

A. 2.1 thousand gallons

B. 2.1 million gallons

C. 2.1 billion gallons

D. 2.1 trillion gallons

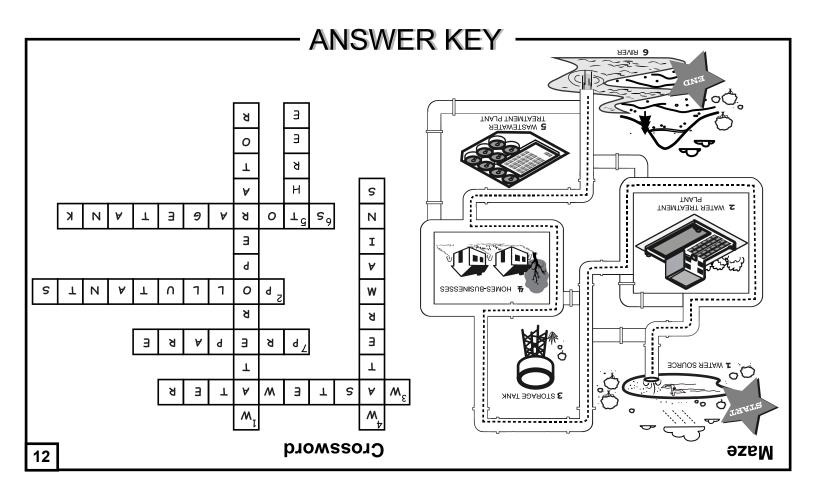
2. Store at least one gallon per person, per day.

YUSWER KEY

Local Heroes









To learn more about the value of water visit: www.epa.gov/waterresilience.

