



Drips and Drops

and Splashy Facts About Water

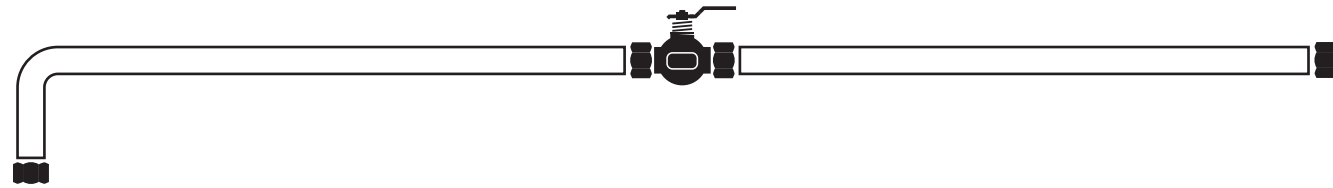


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CELEBRATING WATER





Water is everywhere.

How are babies, watermelons and swimming pools alike? They all hold lots of water!

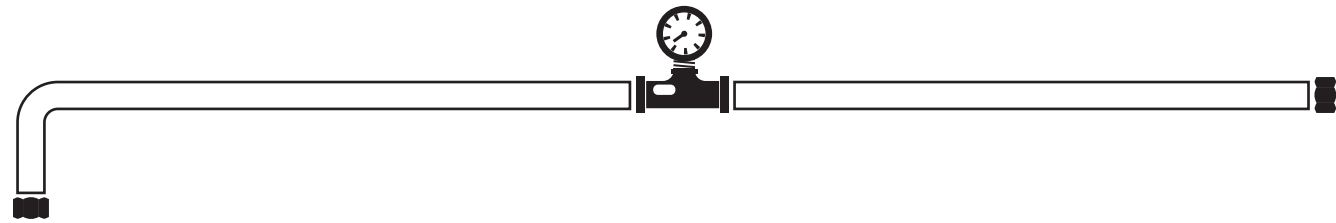
Water is made from two different gases, hydrogen and oxygen. When they combine together in a special way, the gases become a liquid.

Do you see any clouds today? That's where most of our water comes from. When rain falls, it gathers in lakes, rivers and oceans. Some of it goes underground and is stored in the spaces between soil and rock.

FUN FACT: The smallest amount of water is called a water molecule. There are 1.5 sextillion water molecules in just one drop of water. What a giant number!

1,500,000,000,000,000,000,000





We need water for many reasons.

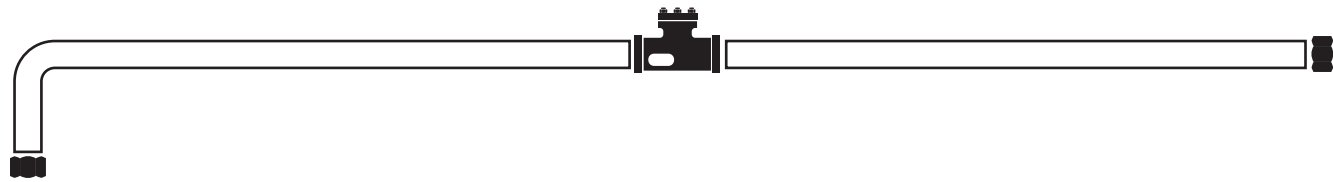
It takes water for people, plants, animals and other living things to stay alive. Did you know that more than half of your body is made of water? It's true! Water helps keep everything inside of you working the way it should.

We cook with water. It's there for showering and splashing around in the bath. Firefighters need it to put out fires. It's hard to imagine life without water!



What are some other ways people use water?





Water is for everyone.

Families, schools and businesses all need fresh, clean water every day. The cities and towns we live in have a good way to get water to our faucets, drinking fountains, toilets and all the other places where we use it.

It's called our **public water system**.

Name some places around your house where you can find water:

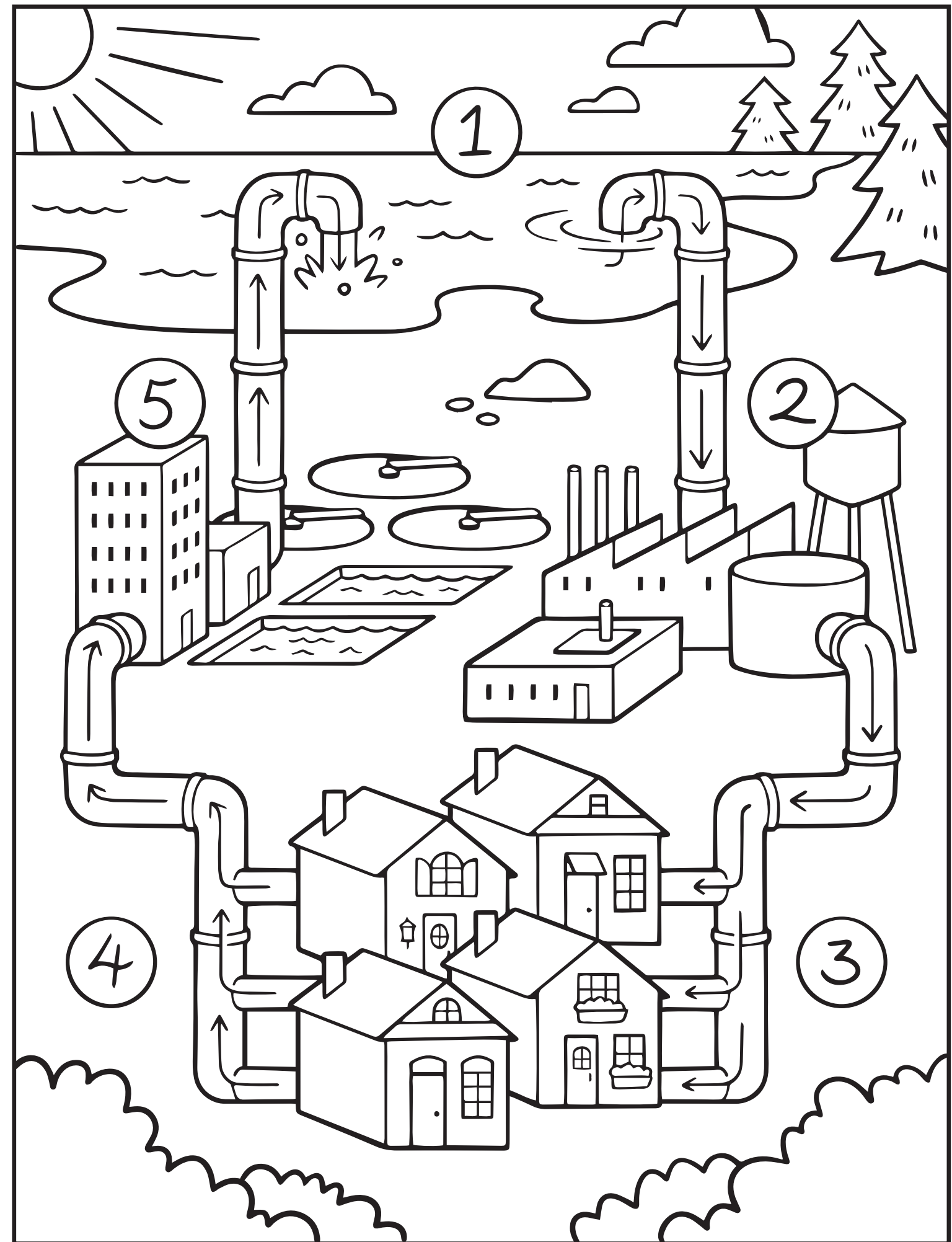




How does the public water and wastewater systems work?

The water we use comes from somewhere else — sometimes far away. After we're finished with it, the water travels away from your house. But how does all of this work? Here's how:

- 1 SOURCE**
Most cities get water from lakes or rivers, or by pumping it from the ground with wells.
- 2 TREATMENT**
Chemicals clean the water to make sure it's safe for people and animals to drink.
- 3 DISTRIBUTION**
Big pipes carry the water to our homes, schools, businesses and other places.
- 4 REMOVAL**
After water goes down the drain or we flush a toilet, it leaves our house in sewer lines.
- 5 WASTEWATER TREATMENT**
Helpful bacteria remove the wastewater from the water so we can use it again!





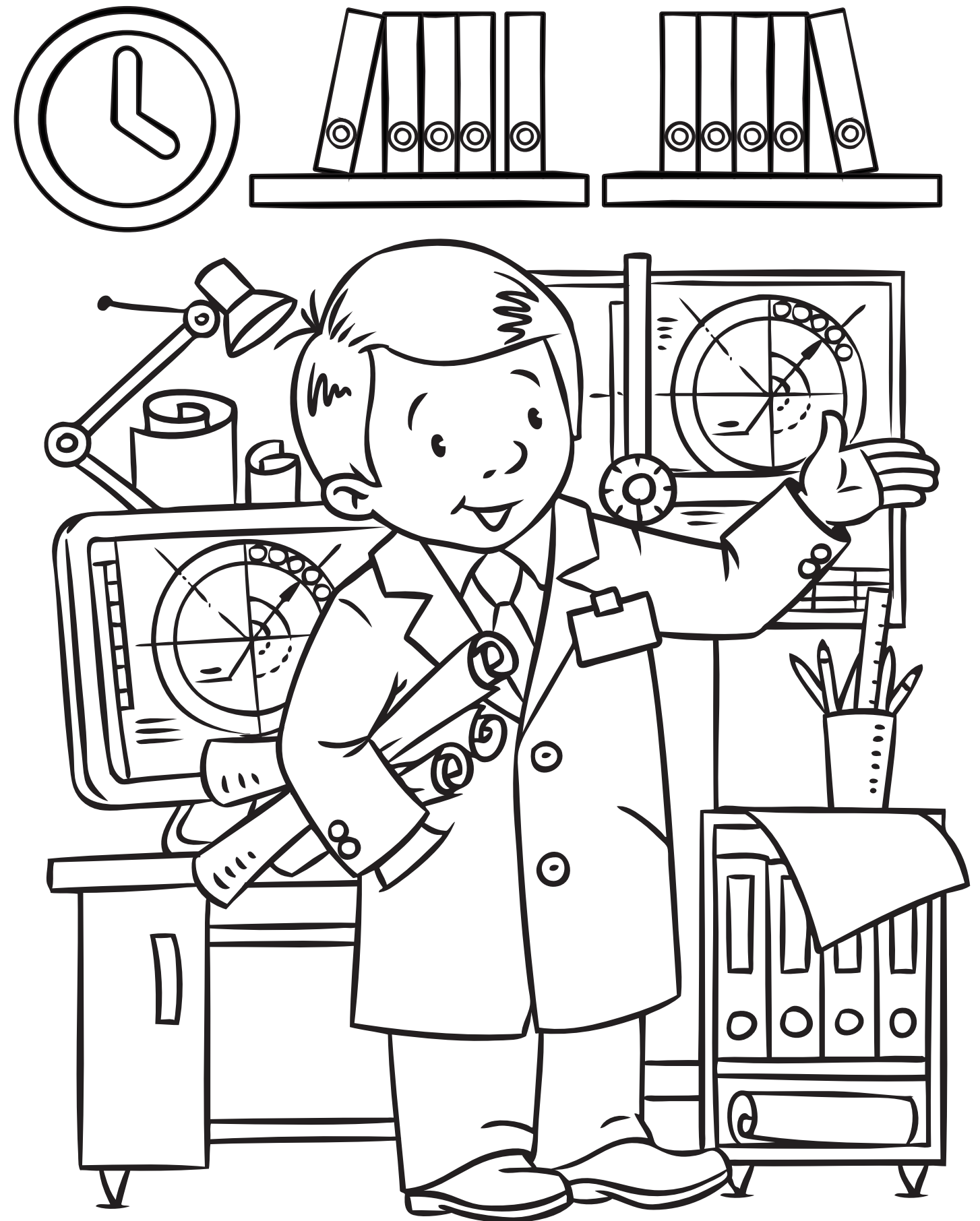
Meet Carlos!

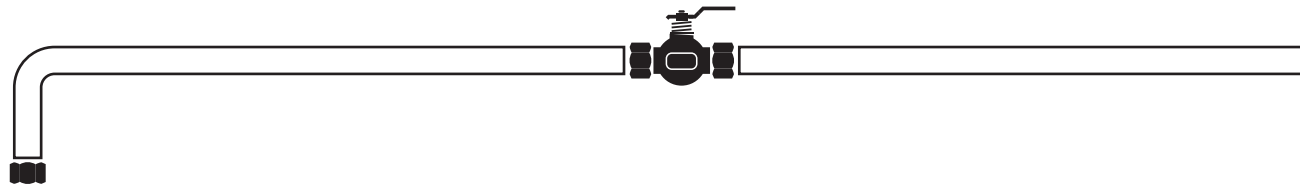
Engineers use science and math to work on buildings, streets, bridges and even natural resources like water. They help make sure that our cities are safe and working right for everyone.

Carlos is a **water engineer**. He and his company plan the parts of the public water system that bring water to us and take it away. They also design structures that protect us from floods caused by heavy rains and big storms like hurricanes.

Carlos loves his job because we all use water — so he gets to help everyone!

Do you know anyone who is an engineer?
What would be the best part about being a water engineer?





Do you have any questions?

There are so many interesting things to learn about water and water engineering. Here are two good ways to find out more:

Ask your teacher or parent. They may have the answers or can help you find books in the library or information on the Internet.

Ask Bonton Associates! We are a water and transportation engineering company in Baton Rouge. We love to talk about water and why our public water system is so important. If you have a question for us, please let your teacher know!



Write your question here and share it with your teacher:





BONTON ASSOCIATES
Water & Transportation Engineering

232 Third Street, Suite 100
Baton Rouge, LA 70801
225.706.0975

BontonAssociates.com
info@BontonAssociates.com