Discover Newark Water and Sewer
Splash the Water Drop Children's Activity Book
Hi, my name is Splash the Water Drop. I am the official mascot of Newark Water and Sewer. I will take you on a journey into the wonderful world of Newark Water and Sewer.

Newark Water and Sewer provides safe water for people to drink and use and then cleans the used water before returning it back to nature.

What other living things love water? Draw a picture here.

We all love water. Plants, animals and people need water to live.

We connect water to over 500,000 people in 10 communities. Linking People and Water
Before people can drink water from the watersheds, it must be cleaned. It flows like this:

1. Drinking water comes from watersheds 30 miles north of Newark!
2. The water is cleaned at the Pequannock Water Treatment Plant.
3. Newark Water and Sewer sends the clean water to all the people in Newark plus 9 other communities through lots of huge underground water pipes.

Help guide the water from the Wanaque and Pequannock Watersheds to your home by following the correct path through the pipes.
DRINKING WATER continued

We use our water for so many things, such as:

- drinking
- flushing the toilet
- brushing our teeth
- taking a bath
- watering our yards

Firefighters also use Newark Water to put out fires!

HOW DO YOU USE WATER?
Write words and draw pictures of 3 more ways you use water.

1. ____________________ 2. ____________________ 3. ____________________

Newark Water and Sewer provides nearly 75 million gallons of drinking water each day to people in Newark and 9 other New Jersey communities. Enough water needed to fill about 114 Olympic-sized swimming pools.

Water Trivia

People in the U.S. drink and throw away more than half a billion plastic bottles of water each week - enough plastic bottles to circle the Earth five times.

Bottled water is bad for the earth.

MATCHING GAME How Much Water is Used?
Draw a line matching the items on the left to the correct amount (of water) on the right.

1. Taking a shower  ○
   A. 2-5 gallons

2. Watering the lawn  ○
   B. 30 gallons

3. Flushing the toilet  ○
   C. 1 gallon

4. Brushing teeth  ○
   D. 15-30 gallons

5. Washing clothes  ○
   E. 180 gallons

Answers: 1-D,  2-E,  3-A,  4-C,  5-B

Choose tap water and refillable bottles. It's a cool choice.

This is a refillable bottle. Don't throw it away. You can use it over and over again.

ouch!

People in the U.S. drink and throw away more than half a billion plastic bottles of water each week - enough plastic bottles to circle the Earth five times.

Bottled water is bad for the earth.
Because we all need water to live, it is important to conserve as much water as we can.

Here are a few ways you can help:

**Shorten your showers.**
Taking shorter showers can help save 5-10 gallons of water. Turn off the tap when applying soap. Then, turn it back on to rinse. To save even more water, keep your showers under five minutes.

**Fix leaks!**
If your toilet has a leak, you could be wasting about 200 gallons of water every day. That would be like flushing your toilet more than 50 times for no reason!

**Turn off the tap.**
Just by turning off the tap while you brush your teeth in the morning and before bedtime, you can save up to 8 gallons of water! That adds up to more than 200 gallons a month, enough to fill a huge fish tank that holds 6 small sharks!
After we use our water it goes down sinks, shower drains and toilets. Our water becomes wastewater. Wastewater is just dirty water. Our sewer system is complex! We have both a combined sewer system and a separate sewer system.

**WASTEWATER**

**this is a combined sewer system**

Look at that litter! That's not good. It's going down the storm drain.

This is where our combined rainwater runoff and wastewater are cleaned.

Combined sewer systems are sewers that are designed to collect rainwater runoff and wastewater from your home in the same pipe. Combined sewer systems carry all of their wastewater to a wastewater treatment plant, where it is cleaned and returned to waterways.

**Wastewater Treatment Plant**

**this is a separate sewer system**

This litter is going down the storm drain and straight to the river. That's a bummer.

A separate sewer system has two different pipes. One pipe for rainwater runoff and a different pipe for wastewater. The rainwater runoff goes straight to the waterways without being cleaned and the wastewater goes to the wastewater treatment plant where it is cleaned and returned to waterways.

**Wastewater Treatment Plant**

Be kind to our water supply. You can help protect our water supply by placing trash in the garbage cans and recycled items in recycling bins. Don't pour household products or grease down the drain.

Help keep our waterways clean.

List 3 ways you can help keep our waterways clean.

1. ____________________ 2. ____________________ 3. ____________________
Have fun coloring
Splash the Water Drop!

Thanks for learning about Newark Water and Sewer.