

Kindergarten All About Water

Public Education and Outreach
peelregion.ca/enviroed



Teacher Note:

- In this lesson, students will be introduced to the basic concepts
 - that all living things need water to survive
 - the connection between human needs and water
 - water conservation and
 - importance of drinking tap water
- Handouts for this lesson
 - We use water for...
 - Classroom Pledge
 - Home Water Pledge



Town of Caledon
City of Brampton
City of Mississauga



Teacher Note:

- **(Click-1)** Ask students - What city or town do they live in?
 - That City or Town is part of a larger area that is called the Region of Peel
 - The Region of Peel includes the Town of Caledon and 2 cities – City of Brampton and City of Mississauga
 - Peel has a population of 1.51 million people
- Go over with students what the Region of Peel provides in our communities:
 - **(Click-2)** Garbage, recycling and organics collection;
 - **(Click-3)** Maintenance of regional roads, including snowploughing in the winter and paving in the summer;
 - **(Click-4)** Paramedics (ambulance)
 - **(Click-5)** Police
 - **(Click-6)** Peel Region also provides you with clean, safe drinking water and wastewater treatment **(Click-7)**

This is what we're going to learn about today. How water is important to all living things, and how we use water everyday at school and at home

- Region of Peel has 2 water treatment plants, and
- 2 wastewater treatment plants
- All of these plants are located in Mississauga, close to Lake Ontario as it allows the Region to treat and clean water faster and more efficiently

Water is important!



Teacher Note:

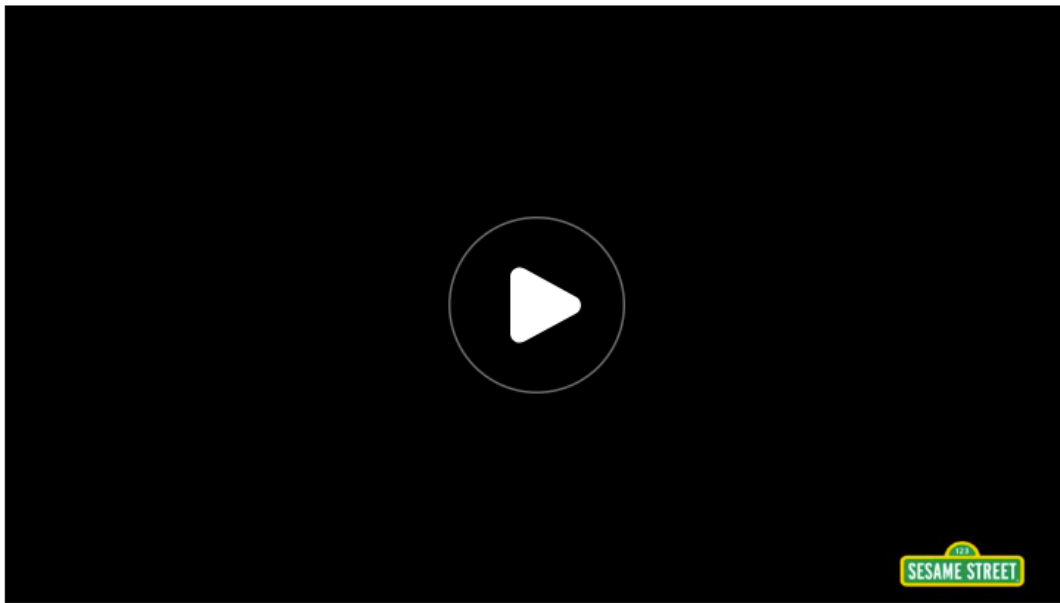
- Discuss with class why water is so important to everyone?
- **All living things needs water to live:** humans, animals, our pets, plants, flowers, trees, all the food that grows on farms
- What would happen if we used up all the water and the Lakes and rivers dried up?

We use water for...



Teacher Note:

- We use Water for....
 - Discuss with the class what they use water for, at home and at school.
 - Record student's answers on chart paper or board
 - Count how many ways they use water
- Have students draw a picture of them using water after the lesson
 - Refer to 'We Use Water For' handout or use GOOS paper to have students draw their pictures



<https://www.youtube.com/watch?v=CwpHMPH-WbM>

To play video:

- Click play on the video on the slide

Teacher Note:

- Ask the students that they can get up to move around and dance to the song
- Ask students if there were any other uses of water that they didn't think about already? These can be added to your list on the chart paper or board
- Examples from the song include:
 - Laundry, Pool, Hose, Well, Canoe, Sports, Tub, Watering seeds, Fishing, Sailing, Puddles, Pets drinking water, Ice/Snow, Brushing teeth, Putting fires out
- Discuss with the class
 - Why water is precious and why we should not waste it
 - Water is safe and healthy beverage choice



**Is Dew Drop
saving or
wasting
water?**

Teacher Note:

Activity: Saving Water – Wasting Water

- Have all students stand up for this activity (be mindful of space around them to be able to move along with this activity)
- Have the students look through the pictures of Dew Drop and describe what activity Dew Drop is doing in the image
 - If Dew Drop is saving water – get students to shrink into a small ball
 - If Dew Drop is wasting water – stretch your body and make an X to show how much water is getting wasted
 - Demonstrate the actions with the students and have them follow along before beginning the game

Dew Drop is Wasting Water

- Remind students to turn off the tap when brushing their teeth



**Is Dew Drop
saving or
wasting
water?**

Teacher Note:

- Saving Water
 - Tell students to turn off the tap when they are putting soap on their hands



Teacher Note:

- Wasting water
 - Tell the students to put tissues in the garbage (at school) or compost (at home) instead of flushing them down the toilet
 - Tell the students to put disposable wipes in the garbage



**Is Dew
Drop saving
or wasting
water?**

Teacher Note:

- Wasting water
 - When putting soap on hands, we should always turn off the taps



**Is Dew Drop
saving or
wasting
water?**

Teacher Note:

- Saving water
 - When brushing teeth, we should always turn off the tap



**Is Dew Drop
saving or
wasting
water?**

Teacher Note:

- Saving water
 - During the warmer months, we can save water by not always using a garden hose to water flowers and lawns all the time



Teacher Note:

- Before watching the video with the class, ask students the following:
 - **Ask:** What happens to the water we use at schools and at homes? When we flush toilets, and the water that goes down the sinks, where does it all go?
 - **Answer:** All that water goes down drains, that travels in underground pipes and ends up in a place called the wastewater treatment plant that cleans all that water before sending it back to the Lake
- Link to TVO Video: 'Where does our Water go when I flush the toilets?'
 - Please click on the link on the slide to get to the video
 - <https://www.tvokids.com/preschool/now-you-know-kindergarten/videos/toilets>

After the video:

- **Ask:** Why do we need to clean the water we use?



**How can we all
care for and
show respect for
the Earth?**

Teacher Note:

- **Ask:** students what does it mean to show respect?
 - **Answer:** It means to be nice and to care for everyone
- Identify and have students discuss ways they can care for and show respect for the environment
 - Recycling
 - Not littering
 - Walking or biking to school
 - Saving water by turning off the tap when brushing my teeth

My Water Promise

At school:

**I will turn off the tap when
washing my hands at school**

At home:

**I will turn off the tap when
brushing my teeth at home**



Teacher Note:

- Have students complete the 'Classroom Water Promise' or the 'Home Water Promise'
 - Refer to Water Promise handouts
 - **Classroom Water Promise** – have all students sign their name and place near the classroom sink
 - **Home Water Promise** – have student sign their name and have them get family member to place near their bathroom sink