

Grade 1

Exploring Water

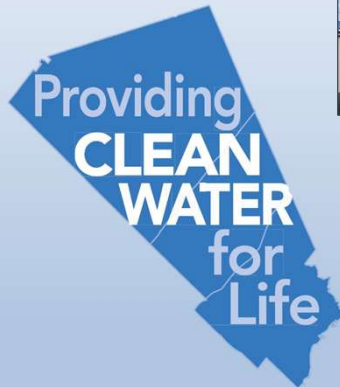
Environmental Education

Website: peelregion.ca/enviroed





Town of Caledon
City of Brampton
City of Mississauga



Teacher Note:

- **(Click-1)** Ask students - What city or town do they live in?
- Let students know the city or town they mentioned is part of a larger area that is called the Region of Peel
- Region of Peel includes the Town of Caledon and 2 cities – City of Brampton and City of Mississauga
- Some of the programs and services that the Region of Peel provides to our communities includes:
 - **(Click-2)** Recycling, organics and garbage collection and disposal;
 - **(Click-3)** Maintenance Regional roads, including snowploughing in the winter and paving in the summer;
 - **(Click-4)** Paramedics (ambulance)
 - **(Click-5)** Police
 - **(Click 6+7)** Providing safe clean water to drink and cleaning the dirty water when you're done
- Today, we are going to learn about how water is important to all living things, and how we use water everyday at school and at home

Water is important!



Teacher Note:

- Ask students: Why do they think water is important?
- **Answer: All living things need water to live:**
 - humans
 - animals
 - our pets
 - plants
 - flowers
 - trees
 - all the food that grows on farms
- Does anyone know where we get our water from? (Lake Ontario)
 - Brampton, Mississauga and Bolton get water from the lake. Other people in Caledon get water from wells, either on their own property, or that are owned by the Region
 - Water from Lake Ontario is fresh, which means that the water is not salty like the water in oceans and seas
- What season do you think people use more water?
 - During summer months, people use more water to wash their cars, water their lawns and gardens, than during the winter months
- What would happen if Lake Ontario ran out of water?
 - Have students share their thoughts



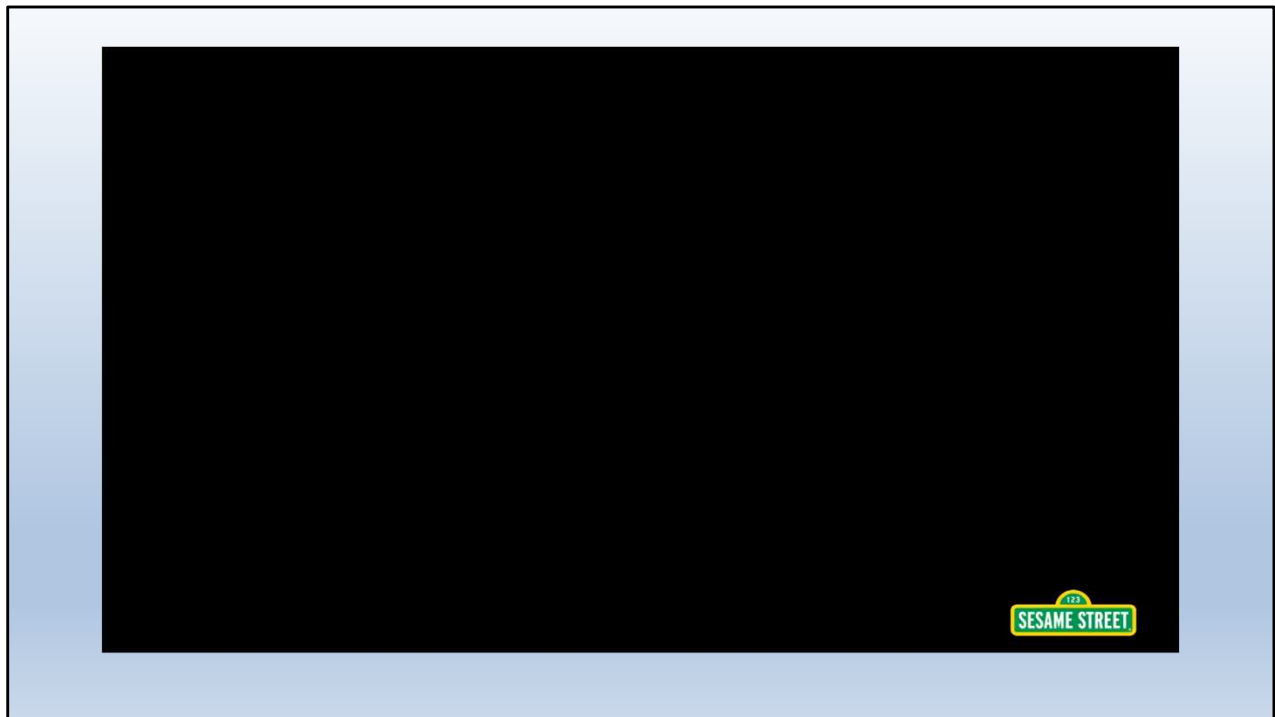
Teacher Note:

****This activity may require 10-15 minutes to complete with the class****

- We use Water for....
 - Discuss this with the class ways they use water at home and at school. Record student answers on chart paper or board
 - Let's get the students to count together how many ways they use water

Examples:

- **At School:**
 - washing our hands, drinking water, using the washroom-flushing the toilets, painting, watering our plants, water fountain in our school
- **At Home:**
 - drinking, taking a bath, using the washroom-flushing the toilet, brushing our teeth, washing our clothes-washing machine, washing our dishes



Sesame Street video: The Water Song

- <https://www.youtube.com/watch?v=CwpHMPH-WbM>
- To play video:
- Click the play button

Teacher Note:

- Feel free to get the class up and dance/move along to the song
- After the song, ask students if there were any other uses of water that they didn't think about already?
- What are some examples that we use water that we didn't see in the video?
- Examples from the song include:
 - (Laundry, pool, hose, well, canoe, sports, tub, floor, watering seeds, fishing, puddles, sailing, pets drinking water, ice/snow, brushing teeth, putting fires out)

Discuss with the class:

- What are some examples that we use water that you didn't see in the video?
- Discuss with the class why water is valuable and why we should not waste it, and also highlight that water is safe and a healthy beverage choice

Dew's Water Adventure

<https://peelregion.vids.io/videos/ac9cd9b41d19e1c225/dews-water-adventure>



Teacher Note:

- Animated slides that will cover and explain water treatment
- Please click on the link on the slide to get to the video
- <https://peelregion.vids.io/videos/ac9cd9b41d19e1c225/dews-water-adventure>

Discussion Questions:

- Why does water have to be treated before we use it?
- The next few slides include a fun activity that will teach us about saving water



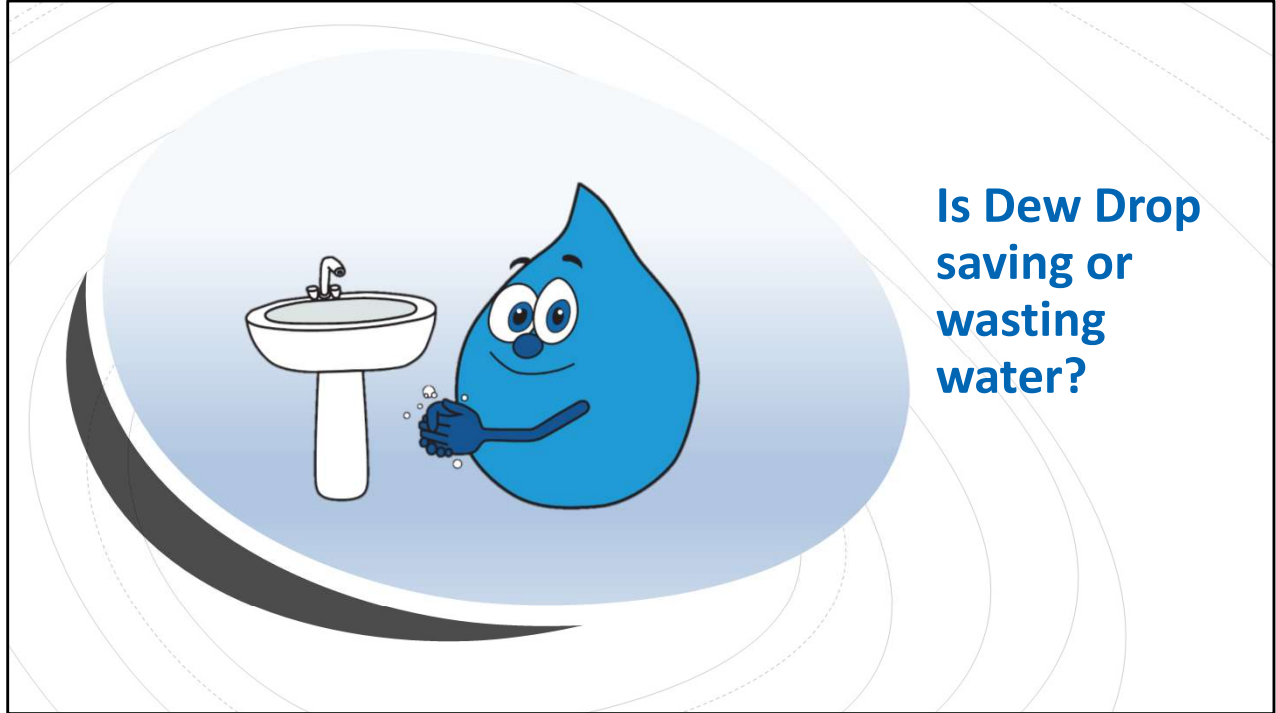
Teacher Note:

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

Discussion Questions:

- What are some ways we can conserve water at school and at home?
 - Conserve means to save and protect for future generations to enjoy
 - Get answers from students
 - Saving water and wasting water means.....



Teacher Note:

- Saving water
 - Tell the students when washing hands to not let the water run, and turn off the tap



Teacher Note:

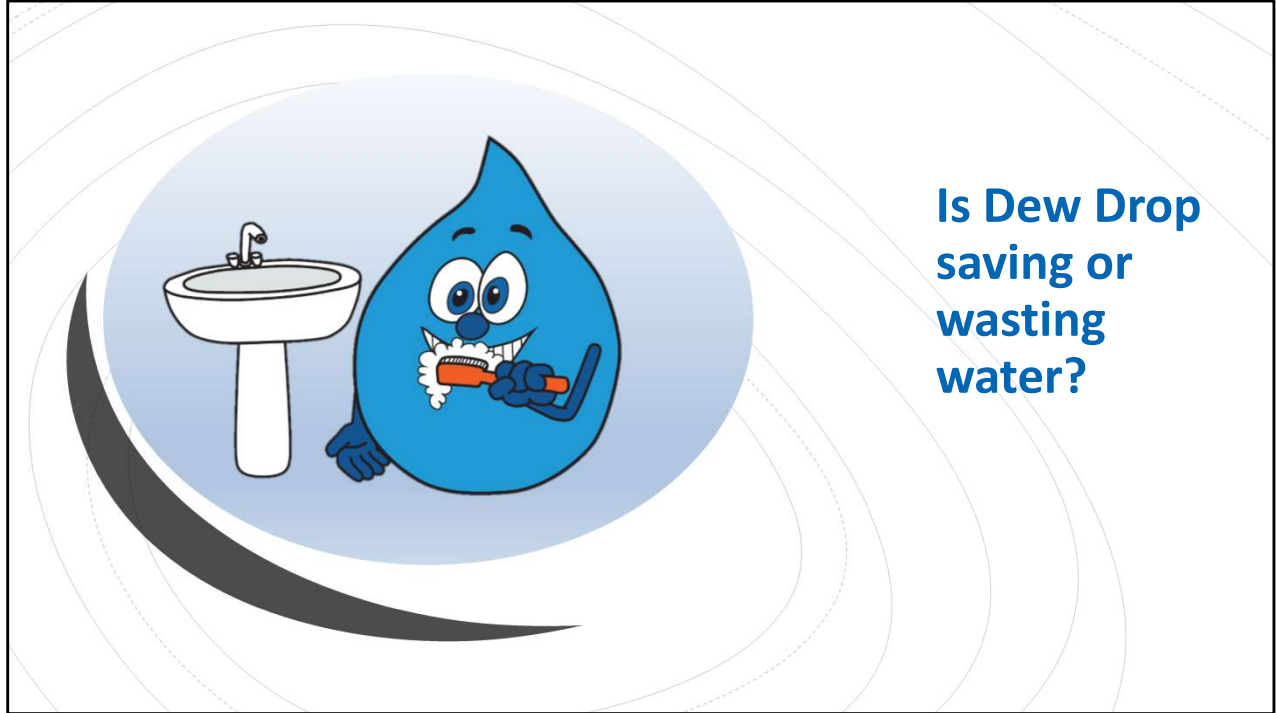
- Wasting water
 - Tell students to put tissues in the garbage or compost instead of flushing them down the toilet
 - Tell students to put disposable wipes in the garbage



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

Teacher Note:

- Wasting water
 - When washing 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



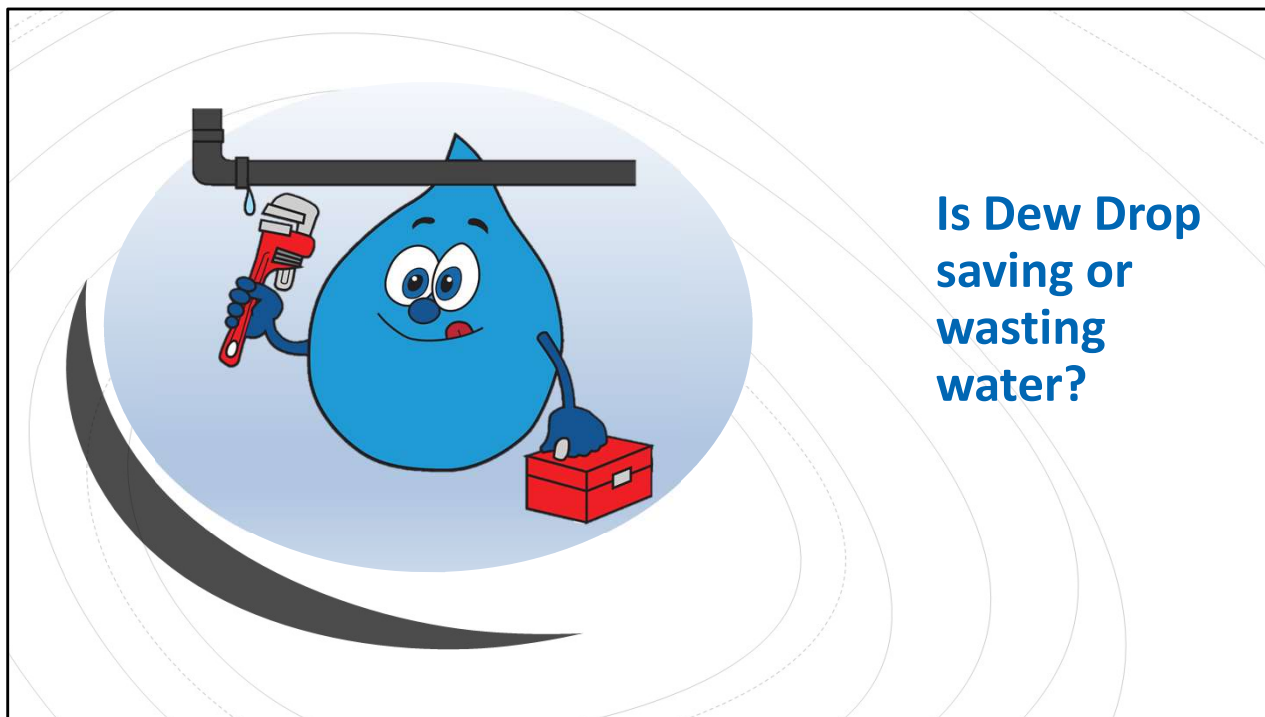
Teacher Note:

- Saving water
 - Tell students that we can save water using a bucket when washing cars, instead of having the hose running



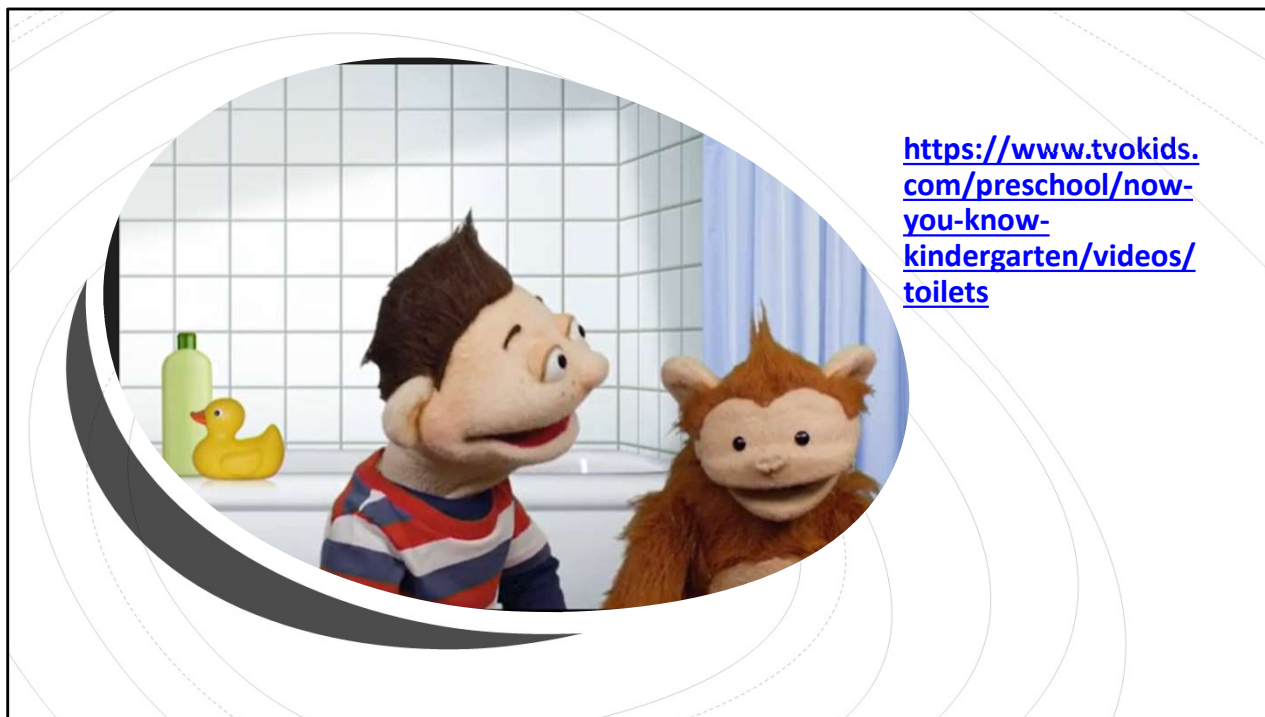
Teacher Note:

- 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:

- Saving water
 - Tell students to ask their parents/guardians to always check for household leaks to save water
- Discussion Questions after the game:
 - What are some ways we can conserve water at school and at home? (conserve means to save and protect for future generations to enjoy)
 - What does saving water and wasting water mean?



Teacher Note:

- Before watching video with class, ask students the following:
 - Ask the students - What happens to the water after we use it at school and at home?
 - Brainstorm with the class, then watch the video to find out, and then answer what you learned
- 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>
- **Answer:** All that water goes down the pipes in our homes/school, 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
- Why is it important that we clean the water we use?
- Why should everyone be careful of what they pour down the sink or toilet?

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:

- Classroom Water Promise
 - I will turn off the tap when washing my hands at school
 - Have all students sign off on the pledge and hang beside the classroom sink
- Home Water Promise
 - I will turn off the tap when brushing my teeth at home
- Wrap up the lesson
 - Ask students what they learned during this lesson
 - Explore Water worksheet