

# Grade 1 Exploring Water

**Public Education and Outreach**  
**[peelregion.ca/enviroed](http://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 needs 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



## We use water for...



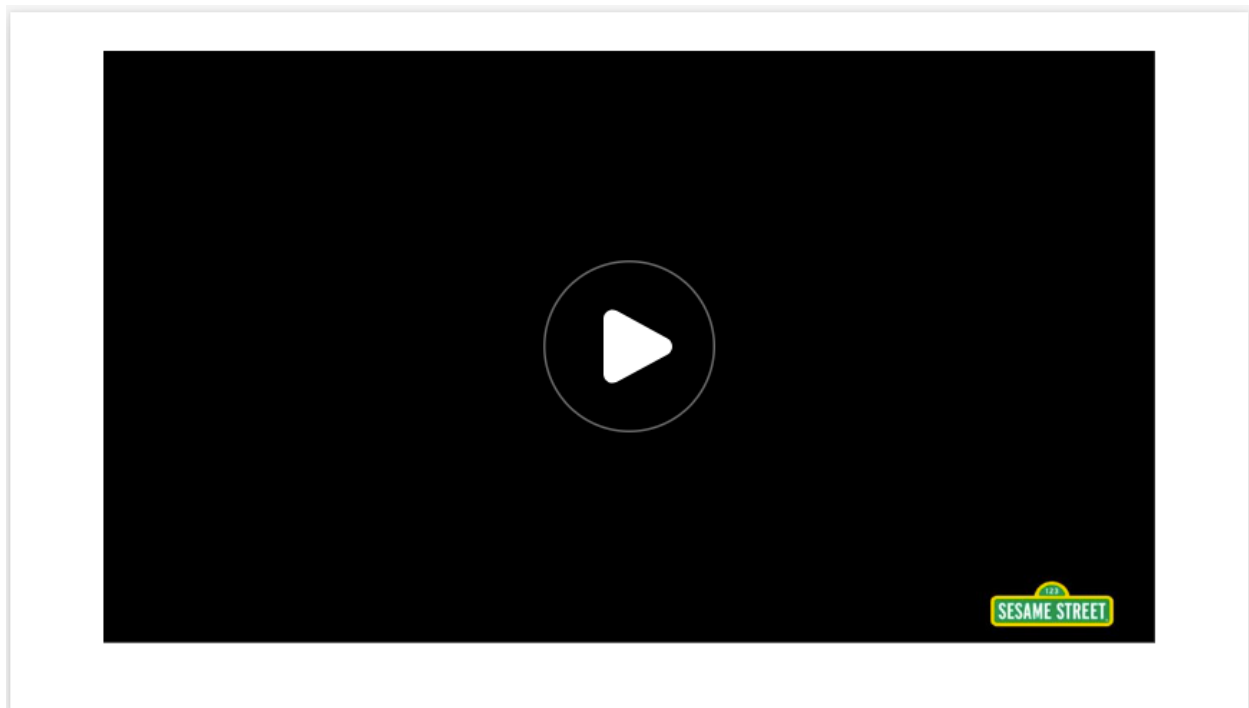
### Teacher Note:

**\*\*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
- **Wasting Water**
  - Remind students to turn off the tap when brushing their teeth



**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



**Is Dew  
Drop saving  
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**Teacher Note:**

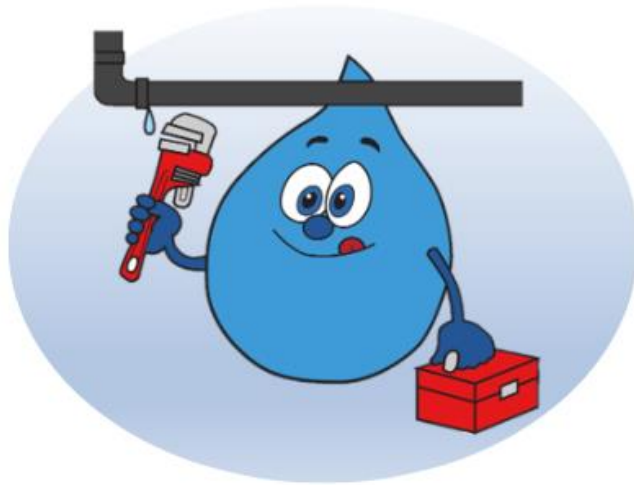
- Saving water
  - Tell students that we can save water using a bucket when washing cars, instead of having the hose running



**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



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

**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?



<https://www.tvokids.com/preschool/now-you-know-kindergarten/videos/toilets>

**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