

# Kindergarten

## All About Water

Environmental Education  
Website: [peelregion.ca/enviroed](http://peelregion.ca/enviroed)

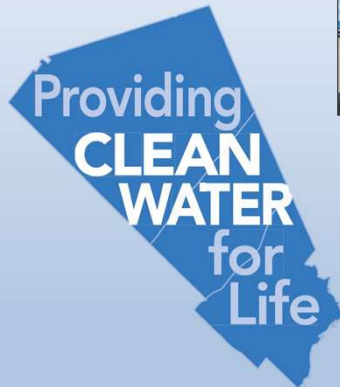


### Teacher Note:

- 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
  - I use water for...
  - Saving Water with Dew Drop
  - 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 need 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?



### 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:**

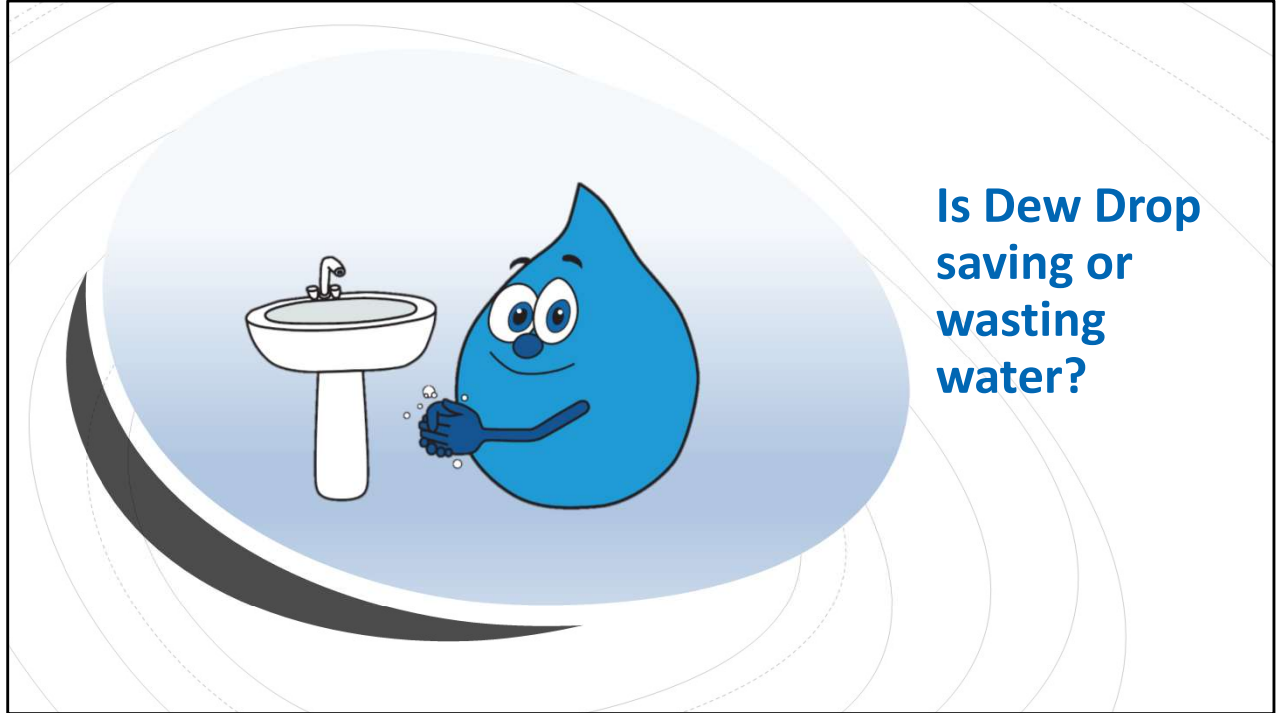
- Ask the students that they can get up to move around and dance to the song
- Ask students if there were any other uses of water that they didn't think about already? These can be added to your list on the chart paper or board
- Examples from the song include:
  - Laundry, Pool, Hose, Well, Canoe, Sports, 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



**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



**Teacher Note:**

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



**Teacher Note:**

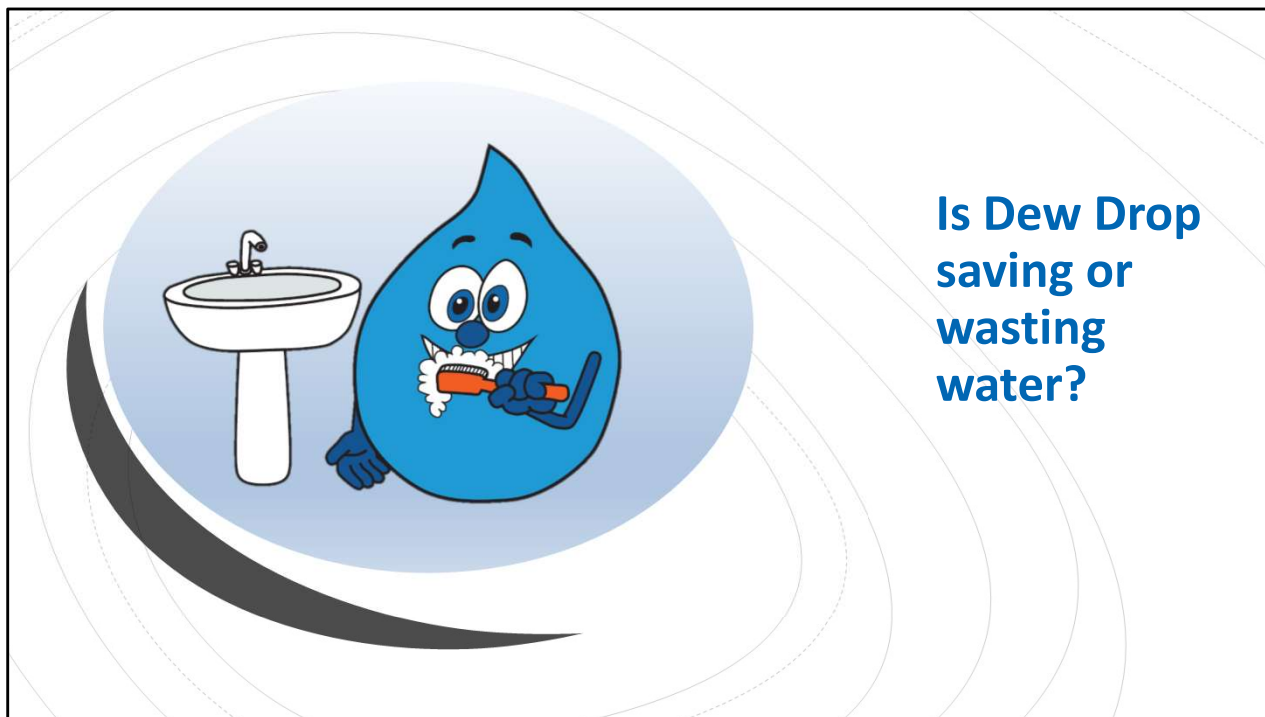
- Wasting water
  - Tell the students to put tissues in the garbage (at school) or compost (at home) instead of flushing them down the toilet
  - Tell the students to put disposable wipes in the garbage



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

**Teacher Note:**

- Wasting water
  - When washing hands, we should always turn off the taps



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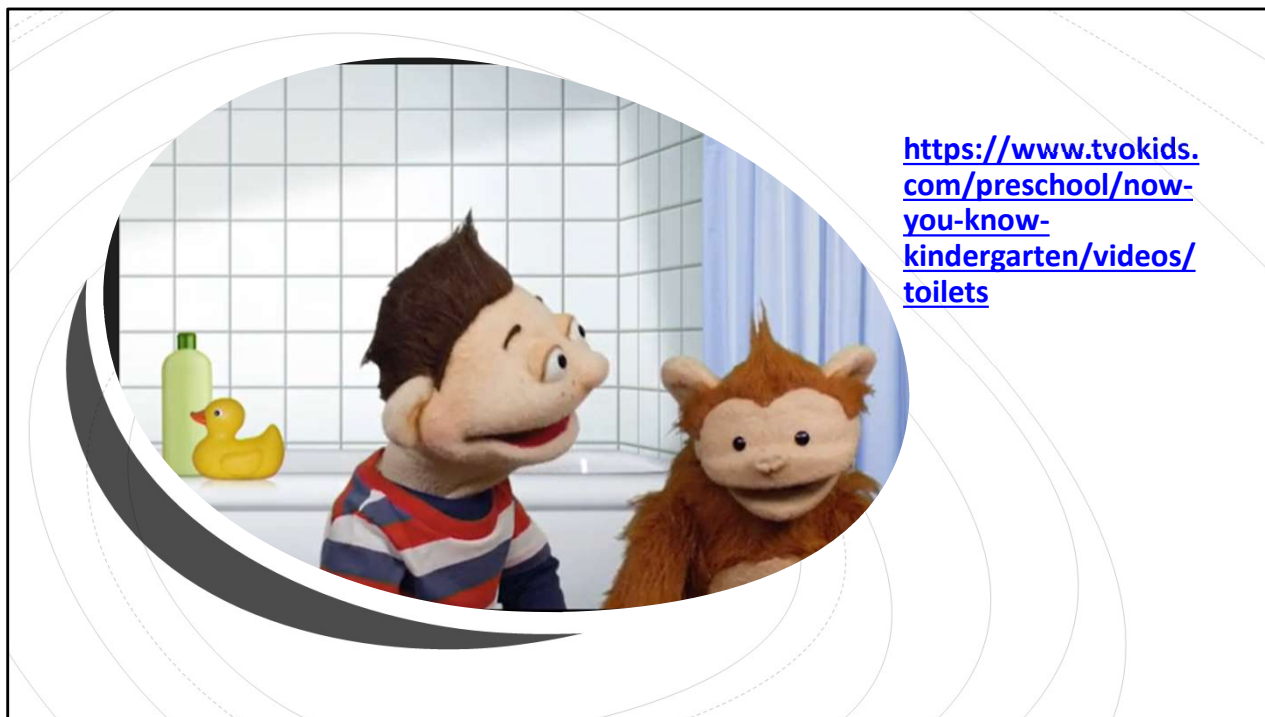
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**Is Dew Drop  
saving or  
wasting  
water?**

**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