

Kindergarten Lesson Outline

Lesson Title: All About Water	Duration: 30 minutes
Introduction: 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 the importance of drinking tap water.	
How to use this resource:	
Download all resources required for this lesson. This file includes: <ul style="list-style-type: none">• Water Power Point includes all slides, speaking notes and video links required for the lesson.• We Use Water For.... Worksheet: gets students thinking about how they use water everyday• Water Promise (2 versions)<ul style="list-style-type: none">○ Classroom version: to hang near a classroom sink○ Take home version: for family to hang near bathrooms ink• Extension Activities (optional) Print the following files before you begin the lesson: <ol style="list-style-type: none">1. We Use Water For... Worksheet (1 per student)2. Water Promise (2 versions)<ul style="list-style-type: none">• Classroom version to hang near classroom sink (print 1 copy for entire class)Home version for family to hang near bathroom sink (1 per student)	
Key Messages: <ul style="list-style-type: none">• All living things need water• We use water every day, at school and at home.• We need to save water, so it stays clean and there will be enough for everyone	
Curriculum Connections: For a complete list of curriculum connections, refer to the Curriculum Connections for Kindergarten	
Personal & Social Development: <ul style="list-style-type: none">• Social Development (3.2)	
Considerations for Program Planning: <ul style="list-style-type: none">• Environmental Education (3.1)	
Thinking about Learning & Teaching: <ul style="list-style-type: none">• Thinking about Belonging & Contributing (2.1)	
Science & Technology: <ul style="list-style-type: none">• Demonstrate an awareness of the natural and built environment through hands-on investigations, observations, questions, and representations of their findings (1.1)• Demonstrate an understanding of the natural world and the need to care for and respect the environment (3.1)• Demonstrate an understanding of the natural world and the need to care for and respect the environment (3.2 & 3.3)Exploration & Experimentation (8)	

Lesson Outline:**Slide 2: The Region of Peel**

- 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:
 - Garbage, recycling and organics collection
 - Maintaining Regional roads, including snowploughing in the winter and paving in the summer
 - Paramedics (ambulance)
 - Police
 - 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

Slide 3: Water is important!

- Ask students why they think water is important to everyone?
 - All living things needs water to live (humans, animals, our pets, plants, flowers, trees, all the food that grows on farms)
 - Discuss with students how water is so important to everyone
 - Ask students what would happen if we used up all the water and the Lakes and rivers dried up?

Slide 4: We use water for...

- Brainstorm with the class on 'We use water for....' Using chart paper or on a board

At school	At home
Washing our hands	Drinking
Drinking water	Taking a bath
Using the washroom – flushing the toilets	Using the washroom – flushing the toilet
Painting	Brushing our teeth
Watering our plants	Washing our clothes – washing machine
Playing in our water station	Washing our dishes

- Let's count together how many ways we use water
- Using the 'We use water for..' worksheet, have the students draw a picture of them using water

Slide 5: Video (plays within power point)

- Introduce the video
- Sesame Street Water video: <https://www.youtube.com/watch?v=CwpHMPH-WbM>
 - Feel free to get the class up and dance/move along to the song
 - After the song, ask students if there were there any other uses of water that you didn't think about already? These can be added to your list on the chart paper or board
 - Discuss with the class why water is valuable and why we should not waste it and that water is safe and a healthy beverage choice

Slides 6-11: Game 'Saving Water, Wasting Water'

- Look through the pictures of Dew Drop and describe what Dew Drop is doing in the image

- If Dew Drop is saving water, shrink into a small ball
- If Dew Drop is wasting water, stretch your body and make an X to show much water is getting wasted
- Demonstrate the actions with the students and have them follow along before beginning the game
- After the game, ask students what are some ways we can save water at school and at home?
 - Conserve means to save and protect water at school and at home

Slide 12: Video (video must open in separate browser)

- Before watching video with class, ask students the following:
 - 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?
 - 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
- TVO Now You Know: Where does the water go when I flush the toilet?
<https://www.tvokids.com/preschool/now-you-know-kindergarten/videos/toilets>
 - Why do we need to clean the water we use?

Slide 13: Respecting the Earth

- Wrap up the lesson
 - Ask students what does it mean to show respect? It means to be nice and to care for everyone
- Have students discuss ways they can care for and be nice to the Earth
 - This will lead to the pledge to commit saving water at school and at home

Slide 14: My Water Promise

- Classroom Water Promise
 - Have kids come together on the carpet and have them repeat after you:
 - 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

Extension Activities - Optional

- Looking for ways to extend your learning, check out **Teach Green in Peel** and our **Extension Activities**