

Water and Wastewater Education



Learn about Guelph's fascinating water systems and how they connect to the natural world!

Book a classroom visit or facility tour with the City of Guelph today!

Please note, the City offers separate water and wastewater presentations and the Grade 2 and Grade 8 level, as well as separate water and wastewater facility tours.

Grade 2 classroom visits

These 40 minute presentations engage students through games, teamwork and storytelling. Students will explore their personal connections to water, learn about Guelph's water sources and cycle and the importance of conservation.

Together, we will take the pledge to conserve water for future generations!

Grade 8 classroom visits

These 40 minute presentations engage students through teamwork, problem solving, and educational activities. Students will learn about Guelph's water sources, the water cycle from source to our taps and how their individual choices and actions affect our water quality and quantity.

Students will work together to tackle problem scenarios related to storm water management and source water protection, and we will illustrate how real-life professionals in the water sector are managing water issues of today.

Facility Tours—Grades 5 to 12

Our one-hour tours of our Water and Wastewater Services facilities allow students to see first-hand where their water comes from and what happens when it goes down the drain. Students will learn about the treatment processes, City infrastructure and the importance of maintaining and monitoring these systems.



Contact and booking information

To book a presentation for your class, or for more information about the program, please contact

education@guelph.ca

Accessible formats available by calling
519-822-1260 extension 2189 or TTY 519-826-9771.

Water and Wastewater Classroom Visits

Grade 2

From source to tap and tap back to source—your students can learn about Guelph's water and wastewater!

We have two separate presentations. Book your classroom visit today!

From Source to Tap: Exploring where our water comes from

Our grade 2 presentation engages students through games, teamwork and storytelling. Students will explore their personal connections to water. We will examine where our water comes from and how it makes the journey from source to tap. Students will learn about our role as a community and how our individual behaviour can help maintain a healthy environment—natural and built.



Contact and booking information

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Program overview

During our 40-minute classroom presentation, students will learn the importance of protecting and conserving water through engaging and interactive activities. Students will learn how we get our water in Guelph, where it comes from (groundwater!), how it makes its way to the tap, and what happens to it after it disappears down the drain.

Our presentations are designed to reflect the current curriculum as it relates to understanding earth and space systems for grade 2 students.

From Tap to Source: What happens to water when we're done with it?

Students will discover what happens to water once it leaves our homes, following the the journey of wastewater to the treatment plant and back to the natural environment. We will look at how we can do our part to clean our water so it can be used again by others.



Water and Wastewater Classroom Visits

Grade 8

From source to tap and tap back to source—your students can learn about Guelph’s water and wastewater!

We have two separate presentations. Book your classroom visit today!

Source to Tap: Conservation, treatment and source water protection

Students will learn how we get our water in Guelph, where it comes from (groundwater), and how it makes its way to the tap. We will look at our impact within and beyond our local watershed and how individual choices and actions affect our water quality and quantity.



Contact and booking information

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Program overview

During our 40-minute classroom presentations, students will be challenged to think critically about our water systems: drinking water and/or wastewater. We will illustrate how real-life professionals in the water sector are managing water issues today. By the end of the presentations, students will know the role we each have to play in ensuring we maintain clean, healthy water resources and related infrastructure for decades to come.

Our presentations are designed to reflect the current curriculum as it relates to understanding earth and space systems for grade 8 students. Presentations are available in person and virtually.

Tap back to Source: Wastewater and stormwater systems

Students will learn what happens to water after it goes down the drain, how it's treated and challenges human behaviour can cause to our infrastructure. We will look at how the wastewater system is distinct and separate from stormwater infrastructure and what our roles are, as individuals and part of a community, to help maintain these resources—natural and built.



Water and Wastewater Facility Tours

Grades 5+

From source to tap and tap back to source—your students can learn about Guelph's water and wastewater through on-site tours!



Water Services Tours

This tour tracks the journey water takes from the aquifer to local homes and businesses. We walk classes through the treatment and distribution process on site and discuss the various staff roles and infrastructure requirements to ensure that we supply our community with safe and reliable drinking water.

Program overview

During our 1-hour on-site tours of our water and wastewater facilities, students will see first-hand where their water comes from and what happens when it goes down the drain. Students will learn about the treatment processes, City infrastructure and the importance of maintaining and monitoring these systems.



Wastewater Services Tours

The tour follows the flow of wastewater from the flush of a toilet to the Speed River. Students will walk through the treatment process step by step to see the transformation firsthand. Students will understand that wastewater is far more than meets the eye. It is a resource full of nutrients and energy that we do not let go to waste.

Contact and booking information

To book an on-site facility tour for your class, or for more information about the program, please contact education@guelph.ca

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519-822-1260 extension 2189 or TTY 519-826-9771.

