

# Lesson 1 | Splish Splash

## Background:

In Canada, we use more water per person than most other countries in the world! We are lucky to have access to lots of water but we have to remember: there is no new water on Earth! We have to share our water with the rest of the world.

Each day, the average Canadian uses 329 litres of water. 35% of that is for bathing and showering. That means we use 115 litres in the bath or shower everyday! Wow - that's 58 two-litre bottles, just in the bathroom!

- How much water do you think you use in the bath or in the shower?
- How could you conserve (or save) water in the bathroom?
- Do you want to be water-wise?

## Curriculum Objectives:

- Environmental issues (grade 5: Life Science)
- Proactive strategies to enhance social and environmental health of school (5: Health Education)
- Sensitivity towards natural and built environment (5: Visual Arts)
- Cooperation between individuals, communities, countries to maintain environmental health (6: Health Education)
- Understanding environmental citizenship (6: Physical Education)
- Effects of human activity on the environment (6: Physical Education)
- Measurement (6: Math)
- Data collection, decimals, calculation of mean (6: Math)
- Hygiene and health (5: Health Education)

## Supplies:

- Class set of rulers
- Bathtub measurement overhead {provided on page 3}

## Activities:

Time line: This lesson should take place over 3 days (2 nights of data collection)

The activity will be brought home with the child and they will do data collection at home, preferably with the interest and help of a parent. The students will gather information on their water use during a bath and during a shower. The measurements gathered at home will be used to calculate mean and conversion of units.

This activity is designed to allow students to measure and understand their own water use and compare water use choices. The action activities are intended to provide students to take their new-found understanding of personal water use and expand it to encourage others to make water-wise choices.

## References

Investigating Water, Texas AgriLife Extension Service, 2001  
Conserving Ground Water in the Home <http://fcs.tamu.edu/housing/4h/bath-vs-showers.pdf>  
Water Footprint (National Statistics) <http://www.waterfootprint.org/>

# Measuring Your Bathtub

Be sure to measure at 3 different spots in your bathtub. Measure from bottom of the tub to the top of the water.

