**Cost of Water**

**Teacher Guide**

**Minds On**

Be sure to set up the two water samples the night before so they will be the same temperature. The students can use the same dixie cup for both samples. The overhead set up should be:

|  |  |
| --- | --- |
| **Sample A** | **Sample B** |
| name 1name 2… | name 3name 4… |

The thinking involves separating each sample group by counting the males and females.

Before showing **“The Story of Bottled Water”** it is useful for the teacher to have watched **“The Story of Stuff”** <http://www.storyofstuff.org/movies-all/story-of-stuff/> and integrated some of the sustainability concepts into the grade 8 geography Economic Systems unit.

**Action!**

Due to safety concerns it is best to give students the height of your classroom and allow them to measure the length and width. To measure the height of your room use a broomstick to touch and measure to the ceiling added to your height for the full height of the room.

**Resources**

Some of the sites used to compile the facts used for this lesson are listed here.

**“Save My Oceans: Plastic Pollution”** website <http://www.savemyoceans.com/plastics.php>

“**Toxic Free Canada: The Toxic Footprint of Bottled Water ”** pdf <http://www.toxicfreecanada.ca/pdf/TFC%20bottled%20water%20report_final.pdf>

“**Jane Goodall’s Project Blue: Why Water”** website <http://www.janegoodall.ca/project-blue/>

**“Eska Water Bottling Company: Water and the Environment – The Problem with Plastic”** website <http://www.eskawater.com/thetruthaboutwater/water_and_the_environment.html>

“**Food and Water Watch: Bottled Water – Get the Facts”** website

<http://www.foodandwaterwatch.org/water/bottled/>

“**Safe Drinking Water Foundation: Water Consumption**” website

<http://www.safewater.org/PDFS/resourcesknowthefacts/WaterConsumption.pdf>

“**Agriculture and Agri-Food Canada: The Canadian Bottled Water Industry”** website <http://www4.agr.gc.ca/AAFC-AAC/display-afficher.do?id=1171644581795>

“**The Pacific Institute: Bottled Water and Energy – A Fact Sheet**” website

<http://www.pacinst.org/topics/water_and_sustainability/bottled_water/bottled_water_and_energy.html>