



02. How much water do you use at home?

BACKGROUND

Freshwater is not as limitless as it seems. People is not always conscious about how much water is used to keep their style of life. This activity is a second step to introduce students in a deeper study: water use and ecological footprint

AIMS

1. This activity gets students to think about the multiple ways we use water at home and the conservation of water.
2. Students will increase consciousness about sustainable water consumption.
3. Students will get motivation to change habits and behaviour.

PROCEDURE

A) At class

1. Students in groups estimate their personal consumption of water in a day.
2. Afterwards, the group make an exhaustive list of water uses at home and reconsider the initial calculation
3. Students share information and complete their items

B) At Home

1. Students collect data during a week about the water they use in everyday life using the worksheet below.
2. Students complete the worksheet by calculating the use of water in their families during a month.

C) At class again

1. Students share information and work in groups to answer the questions:
 1. Think about different ways in which your family could save water in one year.
 2. Calculate how much water can be saved.

Additional resources: Water use calculator

<http://water.usgs.gov/edu/activity-percapita.html>



Worksheet: How much water do you use in everyday life?

Activity	Number of times activity performed	Quantity of water used each time (estimation)	Total amount in liters per activity by the family over one month
How many times do you wash your hands and face per day? And your family?			
How many times do you flush the toilet per day? And your family?			
How many times do you brush your teeth per day? And your family?			
How many times do you flush the toilet per day? And your family?			
How many baths do you take per week? And your family?			
How many showers do you have per week? And your family?			
How many washing machine loads do you run per week? And your family?			
How many dishwasher loads does your family run per week?			
How many times does your family wash dishes by hand per week?			
How many hours does your family water the yard per week?			
How many times does your family wash the car per week?			
How many times do your family clean the floor with water?			
Water used to cook each day in your family			
Water used to drink each day			



Modified from GUADALUPE COUNTY GROUNDWATER CONSERVATION DISTRICT'S , EDUCATION, Water Comsumption worksheet, available in http://www.gcgcd.org/uploads/3/4/7/6/34764648/water_consumption_worksheet.pdf