



Water World – How To Use this Unit

Activity 1 – Water Consumption

Give each student a “Water Use Chart” (download this from the Support Materials). Have them go home and put a tick mark in the chart every time an appliance on the chart is used. Have the students bring the charts back to school for the next class.

Download the Water Usage Excel Spreadsheet – save the file to your own computer. Double click the file on your computer and record your students results in the appropriate places. Discuss the graphs that are created with your students.

Activity 2 – The Water Systems in Your House

Open the link by clicking the *Start Activity* button. There are two parts to this activity, which can be toggled back and forth by clicking the “Hide Meter” button. This Activity contains audio which can be toggled on and off.

When the Water Meter is showing, walk your students through the graphs and charts created in Activity 1. Calculate how much water your students are using on a daily basis.

When the Water Meter is hidden, discuss with your students how the water pipes in their houses work and how water usage is all connected.

Activity 3 – Water Conservation

Download the Water Conservation Inspiration file – save the file to your own computer. Double click the file on your computer.

Change the average amount of water used in Canada to the number that reflects what you discovered in Activity 2. If you want, change the comparison country (the default country is Uganda which uses an average of 18 Litres of water every day). Discuss with your students if they are using water responsibly

Discuss with your students ways to reduce their water usage. Click in the separate boxes on the inspiration page and record the students’ ideas on how to save water.

Some examples could be:

- Don’t run the water when you brush your teeth
- Make sure the clothes washer is full before running it
- Use a rain barrel
- Wash dishes by hand
- Take a shorter shower

This inspiration chart can then be printed and given to your students for reference in your classroom and at home.



Activity 4 – Reevaluate Water Consumption

Now that your students have come up with a number of ways to reduce their water usage, have them redo Activity 1. Compare the results they get this time with their original results. Have they succeeded in reducing water usage?