

Comenius Project: Are you a CO <sub>2</sub> nsumer?			Activity report 2011-2012		
<b>Number of participants:</b>		<b>Organising School:</b>			
Pupils	26	Alonso De Ercilla, Ocaña, España		0	
Teachers & staff	1	Middenschool Sint-Pieter, Oostkamp, België		0	
Other participants		Niepubliczne Gimnazjum A.J. Czartoryskiego, Pulawy, Poland		0	
<b>Type of activity</b>			<b>Date:</b>		22/09/2011
staff meeting	<input type="radio"/>	meeting with parents	<input type="radio"/>	meeting with pupils	<input type="radio"/>
classroom activity	<input checked="" type="radio"/>	excursion, study visit,...	<input type="radio"/>	other	<input type="radio"/>
<b>Participating class(es):</b>		<b>2a2 mw 2a3 mw</b>		<b>Teacher(s)</b> J. Jacobus	
<b>Description of the activity:</b>					

## Experiment: what is pure water?

On our planet the amount of water that is drinkable is very restricted.

The pupils tasted and tested the properties of mineral, demineralised and sea water.

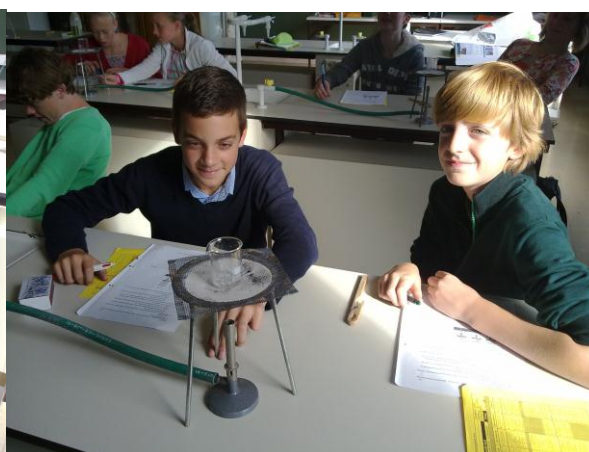
When you boil demineralised water there is no residue.

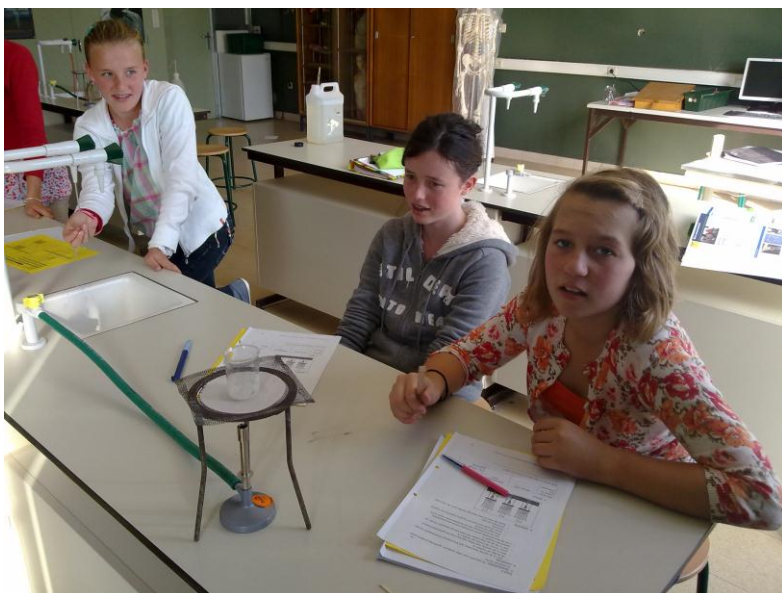
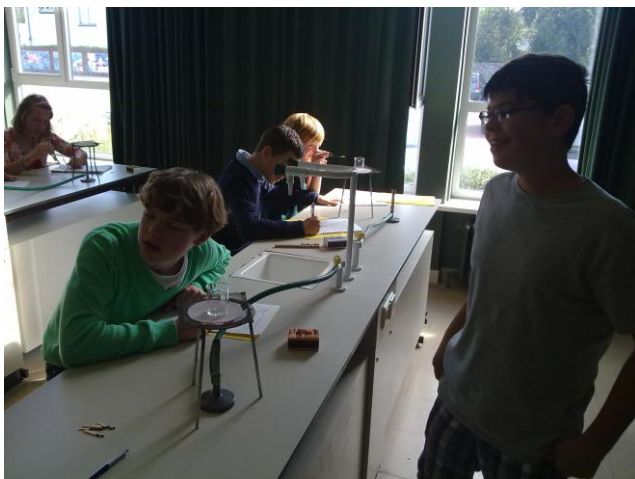
The water tastes bad because there are no minerals inside. Drinking large quantities of this water can even be hazardous for your health.

When mineral water is boiled, it leaves a white residue that contains the minerals like Ca, Mg, K, etc.

These minerals make the water quite tasty!

Sea water contains too many salts, so it tastes bad and is dangerous for your health. It leaves a large amount of salt residue when it is boiled. Purifying salt water is very expensive and is no solution for the problem of the shortage of drinking water.





DG Edukacja i Kultura  
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Program "Uczenie się przez całe życie"  
Programma "Een leven lang leren"  
Programa de Aprendizaje Permanente

Comenius Project: Are you a CO<sub>2</sub>nsumer?  
Activity report version 2.0  
Second project year 2011-2012

**The results:**

**Mineral water: a white residue**



**Sea water: crystals of salt**



**Demineralised water: no residue**

